# **ENTRY LIST**





Entry List Information Provided by Student Online Registration and Does Not Reflect Last Minute Changes



**Building: Architecture Room: 0204** 

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                |
|----------|---------|-----------|---|--|------------------|---------------------------------------|
| 10:00 am | 12001   | UT        | Frontiers in Aviation: Understanding Achievements Fueling Powered Flight and its Impact on Global Communities | Cecily Riley, Sabrina Sharp,<br>Leah Sweeney                       | Heather Arrieta  | Helper Middle School                  |
| 10:20 am | 12002   | KY        | McDocumentary   | Charlie Farra, Hayden<br>Harralson                                 | Billy Spalding   | Francis Parker School of Louisville   |
| 10:40 am | 12003   | NJ        | Hiding In The Shadows of War; First to The Front: Varian Fry and The Emergency Rescue Committee               | Justin Zhou, Collin Lu, Alivia<br>Chen, Zachary Tsai, Ethan<br>Yan | Christy Marrella | Rosa International Middle<br>School   |
| 11:00 am | 12004   | MD        | From Traders to Traitors — The British Framing of the Partition of India                                      | Neal Shandilya, Vihaan Jain  | Anne Schaefer    | Bonnie Branch Middle School           |
| 11:20 am | 12005   | МО        | A Pioneer in Ability and Intelligence: Hiram Rhodes Revels  | Jay White, Leilan Cook   | Paul Arnold      | RICHLAND HIGH                         |
| 11:40 am | 12006   | AR        | Activism Changes The World: Annie Abrams  | Maleah Abon, Grayson Jobe  | Jana Dutton      | Lake Hamilton Middle School           |
| 1:00 pm  | 12007   | NE        | Crossing Into Space: Frontiers Crossed During the Space Race  | Hattie Hindley, Xonya<br>Jones, Ezley Jones                        | Rachel Howe      | Alice Buffett Magnet Middle<br>School |
| 1:20 pm  | 12008   | VT        | Women in Vermont Politics   | Isabel Moorman, Lucinda<br>Copans, Phoebe Bakeman                  | Daniel Maguire   | Main Street Middle School             |
| 1:40 pm  | 12009   | CA        | "A Beautiful Day in the Neighborhood": Mister Rogers, A Pioneer in Children's Education                       | Andie Arkun, Aashrita<br>Atmakur                                   | Lianne Linck     | Sierra Vista Middle School            |



**Building: Atlantic Room: 2400** 

| Time     | Entry # | Affiliate | Title  | Students  | Teacher              | School   |
|----------|---------|-----------|--|---|----------------------|--|
| 10:00 am | 12010   | МО        | Ponies, Paperbacks, and Persistent Women: The Pack Horse Library Project                       | Louisa Curchin, Reid<br>Stanley                                       | Heather Van Otterloo | SOUTH MIDDLE                                   |
| 10:20 am | 12011   | OK        | Music in the Civil Rights Movement   | Amelia Whiteley, Reinelle<br>Hammond, Evelyn Virden                   | Carrie Walker        | Deer Creek Middle School                       |
| 10:40 am | 12012   | MA        | Destroyer of Worlds: How the Manhattan Project Crossed Frontiers in Warfare and World Politics | Ruby Chuaqui, Saoirse Vakil   | Jason Levy           | Ottoson Middle                                 |
| 11:00 am | 12013   | WI        | The Canadian Caper: Escape from Iran   | Jack Gallagher, Elsie<br>Sookochoff, Brody Rogers                     | Gina Rollins         | Cuba City                                      |
| 11:20 am | 12014   | RI        | Roe v. Wade: A Frontier In Women's Rights  | Mariska Balasco, Laila<br>Russo, Emily Slinko,<br>Annelisa Joyce      | Jodi Belford         | Western Hills Middle School                    |
| 11:40 am | 12015   | INT       | The Green Revolution: The Wheat of Hope in India   | Wewish Mahawong,<br>Thanapat (Hashi)<br>Lucksanapirak                 | Kerry Storey         | Chiang Mai International<br>School (CMIS)      |
| 1:00 pm  | 12016   | IN        | Virginia Hall: The Remarkable Woman Who Turned the Tides of WWII                               | Eliza Smiley, Mavis Cropp,<br>Maggie Webber                           | Matthew McMichael    | Center for Inquiry School 84                   |
| 1:20 pm  | 12017   | GA        | Catch These Facts, Not the Plague!   | Caitlin Moshier, Maddie<br>Vaillancourt, Harper Reece,<br>Kelby Mills | Stan Shively         | Richards Middle School                         |
| 1:40 pm  | 12018   | MN        | Black Panther: A New Frontier in Black<br>Representation                                       | Eva Eakin, Zsuzsa Gallo,<br>Evelyn Price                              | Ren Melk             | Twin Cities German Immersion<br>Charter School |



Building: CCC Room: 1100

| Time     | Entry # | Affiliate | Title  | Students   | Teacher                     | School                               |
|----------|---------|-----------|--|--|-----------------------------|--------------------------------------|
| 10:00 am | 12019   | KS        | Blazing a Trail for the Forgotten  | Kodie Wells, Blair Felt,<br>Kenlee Eden                              | Daniel Kobernat             | Christian Learning Center            |
| 10:20 am | 12020   | UT        | Henrietta Swan Leavitt: Crossing the Frontier into the Unknown Universe  | Eden Jones, Hazel Wheeler  | James Romrell               | Lakeridge Junior High                |
| 10:40 am | 12021   | NJ        | Pushing Nazi Boundaries: Saly Mayer's<br>Unprecedented Negotiations in Rescuing Jews   | Sophia Wei, Logan<br>Freedman, Leah Park,<br>Aidan Smeglin           | Christy Marrella            | Rosa International Middle<br>School  |
| 11:00 am | 12022   | WA        | How Nothing Became Everything: The Hubble Telescope on the Frontier of Space and Time  | Adah Goel, Olivia Hansen   | John Moore                  | Leota Middle School                  |
| 11:20 am | 12023   | MI        | Private Citizens in Space: A New Frontier for Teachers   | Sarah Hudson, Tori Smith   | Sandra Gagie, Joe<br>Meyers | The Gagie School                     |
| 11:40 am | 12024   | СТ        | From the Farmland to the Runway: How Denim Revolutionized the Fashion Industry Through Affordability and Transformative Styles | Elise Yan, Gargi Karve, Siri<br>Klassen                              | Gabrielle Tomas             | Bedford Middle School                |
| 1:00 pm  | 12025   | WI        | Stephanie Kwolek and the Age of Kevlar   | Caleb Farmer, Nate Grilley   | Courtney Vail               | Lincoln/SOTA II/Coulee<br>Montessori |
| 1:20 pm  | 12026   | IL        | I Can't Be Satisfied: How Chess Records Changed the Music Scene of Chicago   | Crimson Johnson, Clara<br>Degenholtz, Clara Mueller                  | Patricia Meegan             | Coonley Elem School                  |
| 1:40 pm  | 12027   | MA        | Now I've Got The Pill: Oral Contraceptives and How They Changed The Lives of American Women                                    | Jiwan Ryu, Nadia<br>Hackbarth-Davis, Elena<br>Zaganjori, Cora Dutton | Jason Levy                  | Ottoson Middle                       |



Building: CCC Room: 1200

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                     |
|----------|---------|-----------|---|--|------------------|--|
| 10:00 am | 12028   | СО        | Crossing Frontiers in Radio Broadcasting: Radio Londres's Counter-Propaganda Campaign in World War II | Claire Gold, Jiyu Kim  | Anna Royal       | Summit Charter Middle<br>School            |
| 10:20 am | 12029   | MS        | American Imperialism  | Jose Barrera, James Davis,<br>Kaleb Trinidad, Dwight Bold,<br>Marquis Taylor | Royce Smith      | WHITTEN MIDDLE SCHOOL                      |
| 10:40 am | 12030   | OR        | Battle of Midway  | Perry Shen, Martin Vu,<br>Alexander O'Leavey                                 | Amy McBride      | ACCESS Academy                             |
| 11:00 am | 12031   | VA        | Drawing the Line along the 38th Parallel: The Korean Armistice Agreement                              | Ariana Choi, Chaemin Kim   | Jill Shull       | Haycock Elementary                         |
| 11:20 am | 12032   | NV        | Breaking Barriers With Earl Lloyd   | Jordyn Montgomery-Rasner,<br>Matthew Volpp, Elijah Smith                     | Lisa Larson      | Doral Academy of Northern<br>Nevada        |
| 11:40 am | 12033   | OK        | From Missile to Mercury: The Early Years of Space Travel  | Clare Zoe Masim, Paul<br>Moody   | Gina Golshani    | St. Elizabeth Ann Seton<br>Catholic School |
| 1:00 pm  | 12034   | NE        | Jackie Robinson: Frontier of Baseball Integration   | Morgan Rademacher, Emily<br>Peters   | Kim Henry        | Loup City High School                      |
| 1:20 pm  | 12035   | SC        | The Port Royal Experiment: Crossing the Frontier from Slave to Freedman                               | Anthony Herndon, Joshua<br>Baird, Thomas Cripe                               | Laura Cripe      | Academic Pathways<br>Homeschool Co-op      |
| 1:40 pm  | 12036   | CA        | An American Frontier: The Story of a Nation and Two Vaccines  | Anjali Leva, Anjali Kakarla  | Courtney Gillson | Earl Warren Junior High<br>School          |



Building: HJ Patterson Room: 2217

| Time     | Entry # | Affiliate | Title   | Students   | Teacher           | School                  |
|----------|---------|-----------|---|--|-------------------|-------------------------|
| 10:00 am | 12037   | WA        | The CCC - Planting the Seeds of Environmentalism and U.S. Infrastructure      | Aditya Menon, Aashrith<br>Pisupati, Prahalad Talur | Nicole Kesler     | Evergreen Middle School |
| 10:20 am | 12038   | NC        | Almost Lost to Modern Eyes: The Scientific Frontier of American Forestry      | Elianna Yoder, Autumn<br>Beiler                    | Yvonne Krowka     | Classical Scholars      |
| 10:40 am | 12039   | IN        | Kenny Washington  | William Abercrombie,<br>Preston Dhaenens           | Tanner Givens     | Discovery Middle School |
| 11:00 am | 12040   | IL        | Annihilation of Caste: How Ambedkar Crossed a System of "Racism" Without Race | Cyrus Dalach, Urijah Dalach                        | Lauren Maly       | Independent Scholars    |
| 11:20 am | 12041   | AK        | Colossus: The Creation of the World's First Computer                          | Aedan Sandberg, John<br>Burns, Isabella Tran       | Rachel Mcneil     | Rogers Park Elementary  |
| 11:40 am | 12042   | LA        | Horror Films: Frontiers in Cinema   | London Schexnydre, Jeiry<br>Moran-Tejada           | Anna Keneda       | Southeast Middle School |
| 1:00 pm  | 12043   | AZ        | The Legacy of Jane Addams   | Madeline Smith, Hannah<br>Samuels                  | Rebekah West Keur | Sunrise Middle School   |
| 1:20 pm  | 12044   | CO        | The Highways to the Future: Eisenhower's Frontier that Modernized America     | Pranav Bandaru, Lucy<br>Herbert                    | David DeFord      | Stargate Charter        |
| 1:40 pm  | 12045   | VA        | John Muir: A New Frontier in Conservation Efforts                             | Colin Li, Owen Deutsch                             | Jill Shull        | Haycock Elementary      |



Building: HJ Patterson Room: 2242

| Time     | Entry # | Affiliate | Title  | Students   | Teacher                    | School   |
|----------|---------|-----------|--|--|----------------------------|--|
| 10:00 am | 12046   | VT        | The Wright Brothers: Frontier in Flight  | Sabina Kraus, Emma Boyer   | Keith Harrington           | Poultney Elementary School                             |
| 10:20 am | 12047   | MN        | The Cabinet of Dr. Caligari: How One Silent Film Changed the Art of Cinema Forever | Adelaide Nelson, Rachel Englund  | Zoe Kourajian              | Edgewood Middle School                                 |
| 10:40 am | 12048   | KS        | No Ordinary Joe: Jumping Into the Frontier of Space                                | Levi Hoskinson, Kael<br>Harman   | Lindsey Dowell             | Washburn Rural Middle<br>School                        |
| 11:00 am | 12049   | DC        | The Spark of Industrial Light and Magic  | Michael Rivera, William<br>McLain  | Andrew Grover              | Hardy MS   |
| 11:20 am | 12050   | SD        | NCAA Championship Changes the World  | Kamry Padden, Alexys<br>Glines   | Tonja Montgomery<br>Hansen | Harding County Middle School - 03                      |
| 11:40 am | 12051   | FL        | The Hello Girls: America's Forgotten Soldiers                                      | Kyra Movva, Eesha Shah   | Leslie Porges              | AMERICAN HERITAGE<br>SCHOOLS, BROWARD<br>COUNTY CAMPUS |
| 1:00 pm  | 12052   | MS        | Are Geniuses Made or Born?   | Dynaste Cowards, Aaron<br>McMillian, Keanu Sutton,<br>Meyrin Umanzor, Ashley<br>Burkhalter | Royce Smith                | WHITTEN MIDDLE SCHOOL                                  |
| 1:20 pm  | 12053   | KY        | Project Mercury and the Beginning of a New Frontier                                | Gavin Cummings, Drew<br>Dietz  | David Trueblood            | Saint Nicholas   |
| 1:40 pm  | 12054   | HI        | Crossing Frontiers: The Cherry Mine Disaster                                       | Kolena Feeney, Jayda Oliver  | Tina Smith                 | Kailua Intermediate School                             |



**Building: Plant Sciences Room: 1119** 

| Time     | Entry # | Affiliate | Title  | Students   | Teacher             | School                              |
|----------|---------|-----------|--|--|---------------------|-------------------------------------|
| 10:00 am | 12055   | WY        | Explorers, Artists & Lawmakers: Forging Frontiers in Yellowstone   | Lachlan Gebhart, Nora<br>Strike  | Stacey Polson       | Lander Middle School                |
| 10:20 am | 12056   | ОН        | Enrico Fermi, Exploring Abundance and Annihilation of the Nuclear Frontier                                   | Suryan Jain, Arav Bhandari   | Joe Parrino         | Birchwood School of Hawken          |
| 10:40 am | 12057   | NY        | Challenging the Frontier of Medical Ethics: The Story of Karen Ann Quinlan and The Right to Die With Dignity | Jack Basner, Yash Shah,<br>Jaiden George   | Patrick Shanahan    | WILLETS ROAD SCHOOL                 |
| 11:00 am | 12058   | ME        | International Space Station (ISS) Uniting Countries  | Hanneke Pellerin, Ella<br>Walker   | Christopher Mullins | Penobscot Christian School          |
| 11:20 am | 12059   | MD        | Pathways to Peace: Gandhi's Influence Through the Ages   | Anjali Dalal, Mishka<br>Sanghavi   | Anne Schaefer       | Bonnie Branch Middle School         |
| 11:40 am | 12060   | NC        | Beethoven: A Frontier and Inspiration  | Suh Hee Shin, Hannah Oh  | Young Oh            | Smith Middle<br>Davis Drive Middle  |
| 1:00 pm  | 12061   | TX        | Exploring the Final Frontier: A Race to Space  | Michael Lockett, Colton<br>Jeffreys, Joshua Lighthall,<br>Quinn Partyke, Levi Crotty | Elizabeth Howson    | NORTH BELTON MIDDLE                 |
| 1:20 pm  | 12062   | КО        | Welcome to Warhol's World: Andy Warhol, the Pioneer of Pop Art   | Leewen Wang, Jio Kim,<br>Sophie Lee  | Nick Kaschub        | Daegu International School          |
| 1:40 pm  | 12063   | NV        | How Women's Suffrage Won the World   | Keara Fitzpatrick, Katherine<br>Jamison  | Lisa Larson         | Doral Academy of Northern<br>Nevada |



Building: SPH Room: 1312

| Time     | Entry # | Affiliate | Title  | Students   | Teacher                    | School                            |
|----------|---------|-----------|--|--|----------------------------|-----------------------------------|
| 10:00 am | 12064   | AS        | The Annexation of Hawaii   | Yuchen Bai, Skyler Corry   | Flynn Peck                 | Pacific Horzons                   |
| 10:20 am | 12065   | NM        | One Giant Leap Into a New Frontier   | Emiliano Lira, Kade Gomez  | Dayna Jones                | LA PLATA MIDDLE                   |
| 10:40 am | 12066   | GA        | The History of Classical Music   | Neil Daniel, Kelton Bragg,<br>Maanas Kudrimoti,<br>Elizabeth Gamba | Cynthia Mason              | Chamblee Middle School            |
| 11:00 am | 12067   | AZ        | Frontiers in History: The Rush for Riches  | Grace Kim, Sophia<br>Shneyderman, Kaelyn<br>Wyard                  | Laura Shafer               | Northland Preparatory<br>Academy  |
| 11:20 am | 12068   | IA        | Tuskegee Airmen: Frontier in the Sky   | Kode Nielsen, Hunter<br>Wendel, Kevin Schoenfelder                 | Val Philips                | Akron Westfield Middle<br>School  |
| 11:40 am | 12069   | TX        | Perseverance, Bravery, and A New Spy Frontier:<br>The Story of Virginia Hall   | Isabelle Howson, Elysse<br>Bui, Emry Olivarez,<br>Alexandra Bui    | Elizabeth Howson           | NORTH BELTON MIDDLE               |
| 1:00 pm  | 12070   | SD        | Marie Curie and the Deathly Cure   | Sattyn Wilson, Lexy Rolph  | Tonja Montgomery<br>Hansen | Harding County Middle School - 03 |
| 1:20 pm  | 12071   | PA        | The Kirkbride Plan: Frontiers in the Treatment of the Mentally III   | Laila Rossell, Daleah Mowat  | Ross Farmer                | Belle Vernon Area MS              |
| 1:40 pm  | 12072   | INT       | Unveiling the Plight of the South African Rhinoceros:<br>Creating A Biodiversity Frontier Through Challenges<br>and Innovation | Kayla Teo, Teryn Rim   | MatthewD Elms              | Singapore American School         |



**Building: SSU** Room: Margaret Brent

| Time     | Entry # | Affiliate | Title   | Students  | Teacher        | School  |
|----------|---------|-----------|---|---|----------------|---|
| 10:00 am | 12073   | NM        | The Life of Ruby Bridges  | Maddie Sandell, Lilian<br>Louick                                      | Morgan Harding | Mesilla Valley Leadership<br>Academy                          |
| 10:20 am | 12074   | IA        | Pasteurization: Reshaping the Dairy Industry                            | Rex LaFrentz, Kalin Harman  | Patty Lien     | St. Benedict School   |
| 10:40 am | 12075   | ОН        | The Frontiers of Interracial Marriage in America:<br>Loving v. Virginia | Sylvia Swai, Leanne Zheng   | Jessica Wilcox | Menlo Park Academy  |
| 11:00 am | 12076   | FL        | Louis Armstrong: New Frontiers in Music                                 | Joshua Goodman, David Uy  | Jessica Day    | MILWEE MIDDLE SCHOOL  |
| 11:20 am | 12077   | AR        | Hot Springs National Park: A First of its Kind                          | Anna Kate Chadick, Brooke<br>Brown, Ella Cain, Reagen<br>Cates        | Jana Dutton    | LAKE HAMILTON MIDDLE<br>SCHOOL<br>Lake Hamilton Middle School |
| 11:40 am | 12078   | AK        | William Shakespeare: A Legacy Through the Frontier of Language          | Quinn Lester, Koen<br>Hopewell, Elias Sandberg                        | Adam Johnson   | Romig Middle School   |
| 1:00 pm  | 12079   | TN        | Lewis Hine: Bringing to Light the Harsh Conditions of Child Labor       | Meghan Williams, Anya<br>Biegalski                                    | Laura Greene   | Clayton-Bradley Academy                                       |
| 1:20 pm  | 12080   | KO        | The Manhattan Project: A Catastrophic Weapon or the Dawn of a New Era   | Jayden Hayward, Jake Park,<br>Evan Rossmeisl, Yujun Piao              | Nick Kaschub   | Daegu International School                                    |
| 1:40 pm  | 12081   | ID        | AMBER Alerts: A Frontier in Child Safety                                | Mattie Iseri, Gabriella<br>Duemler, Gianna Horn,<br>Aisilynn Martinez | Cheri Workman  | Sacred Heart Catholic School                                  |



Building: Tawes Room: 1320

| Time     | Entry # | Affiliate | Title   | Students  | Teacher                            | School                               |
|----------|---------|-----------|---|---|------------------------------------|--------------------------------------|
| 10:00 am | 12082   | TN        | Diamonds Are A Girl's Best Friend: Frontiers In Women's Sports    | Madisen Walters, Emily<br>Weston  | Aimee Hoffman                      | Kirkwood Middle School               |
| 10:20 am | 12083   | RI        | John Adams and The Boston Massacre Trial                          | Ben Brigham, Samuel<br>Messenger, Will Correia  | Kristyn Giorgi                     | Tiverton Middle School               |
| 10:40 am | 12084   | HI        | Loving V. Virginia: Frontiers in Civil Rights and Social Justice  | Ashea Angel, Maya Huang,<br>Aubrey Denise Ventura   | Jaimy Valerio                      | King David Kalakaua Middle<br>School |
| 11:00 am | 12085   | NY        | Dr. Pap: Pioneer in Early Cancer Prevention                       | Bill Tsimbikos, Love Lee,<br>Ava Konstantinidis,<br>Alexander Lambert,<br>Diamantis Katsipoutis | Maria Bonakis                      | HELLENIC CLASSICAL<br>CHARTER SCHOOL |
| 11:20 am | 12086   | SC        | Adding an Arm to Surgery  | Zoe Smith, Kylie Spreng   | McKeithan Schwartz,<br>Waylon Ross | St. James Middle                     |
| 11:40 am | 12087   | DE        | Lunar Orbit Rendezvous: How Man Got to the Moon                   | Chris Liu, Jackson Stenta   | sarah cushing                      | Sanford School                       |
| 1:00 pm  | 12088   | PA        | The Loneliest Frontier: Larry Doby Integrates the American League | Vito Francia, Samuel<br>Ruschak   | Ross Farmer                        | Belle Vernon Area MS                 |
| 1:20 pm  | 12089   | MI        | Women in Space  | Lucy Sikkema, Charlie Toy   | Joe Meyers                         | The Gagie School                     |
| 1:40 pm  | 12090   | ID        | The Jazz Singer: You Ain't Heard Nothin' Yet!                     | Lydia Bodily, Sarah Baird   | Sonnet Gunter                      | Eagle Middle School                  |



Building: Grand Ballroom Room: Group A

| Time     | Entry # | Affiliate | Title  | Students  | Teacher                  | School                           |
|----------|---------|-----------|--|---|--------------------------|----------------------------------|
| 11:00 am | 16001   | IA        | The Apgar Score: Advancing the Frontier of Neonatal Medicine                               | Kailin Stiles-Pena, Hadley<br>Appel, Addison Woelfel                            | Emily Pendleton          | Bettendorf Middle School         |
| 11:15 am | 16002   | AZ        | Of Iron and Flames   | Ben Whitsett, Avery<br>Greenfield   | Rebekah West Keur        | Sunrise Middle School            |
| 11:30 am | 16003   | МО        | Elizabeth Blackwell: Breaking a Social Barrier   | Hannah Mees, Nora Kruse,<br>Leah Hickey   | Kathy Laffoon            | LIBERTY MIDDLE SCHOOL            |
| 11:45 am | 16004   | NJ        | Title IX: Breaking Athletic Boundaries   | Aanya Trivedi, Anaya<br>Jhaveri, Arya Mhatre,<br>Ambika Kumar, Aashi<br>Lavania | Wendy<br>Hurwitz-Kushner | Woodrow Wilson Middle<br>School  |
| 1:00 pm  | 16005   | GU        | Ferdinand Magellan: The Unfinished Journey   | Liana Heflin, Serenity<br>Lizama  | Jorge B. Emmanuel        | LUIS P. UNTALAN MIDDLE<br>SCHOOL |
| 1:15 pm  | 16006   | MI        | Anesthesia: From Torture to Tranquility  | Emily West, Ellie Maniaci   | Emily Worm               | Traverse City West Middle School |
| 1:30 pm  | 16007   | INT       | Friedl Dicker-Brandeis: Forming a Fundamental Frontier Amidst the Horrors of the Holocaust | Claire Li, Yenna Cho  | MatthewD Elms            | Singapore American School        |
| 1:45 pm  | 16008   | IN        | Abraham Lincoln  | Jack Sagarsee, Sejune<br>Kang   | James Howard             | Discovery Middle School          |
| 2:00 pm  | 16009   | IL        | The Legacy of Loving   | Anya Thakker, Abigail Cox,<br>Karina Pikhovich                                  | Julie Teacher Morrison   | Margaret Mead JHS                |
| 2:15 pm  | 16010   | DC        | Reflecting on a Tragedy: Chernobyl   | Lia Zeldes, Irina Filippova   | Andrew Grover            | Hardy MS                         |
|          |         |           |  |   |                          |                                  |



**Building: Grand Ballroom** Room: Group B

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                      |
|----------|---------|-----------|---|--|------------------|-----------------------------|
| 11:00 am | 16011   | ОН        | Frontiers in Labour Unions in Britain: The Matchgirls' Strike               | Eliza Bala, Kyla Morrisey  | Jessica Wilcox   | Menlo Park Academy          |
| 11:15 am | 16012   | VA        | Navajo Code Talkers   | Bree Wilson, Gracianna<br>Wimberly, Addisyn Viers,<br>Megan Roe                                  | Penny Lane       | Pulaski County Middle       |
| 11:30 am | 16013   | KO        | Frontiers in History: The Power and Impact of Anesthesia                    | Jason Woo, Shannon<br>Moore, Ginna Kim   | Nick Kaschub     | Daegu International School  |
| 11:45 am | 16014   | MN        | Triangle Shirtwaist Fire  | Eleanor Hern, Juliette<br>Weier-Rauscher, Maeve<br>O'Brien                                       | Huy Nguyen       | Sunrise Park Middle         |
| 1:00 pm  | 16015   | OR        | "Space the Final Frontier": How Sputnik Changed the World                   | Maddy Trotter, Harriet Lee   | Amy McBride      | ACCESS Academy              |
| 1:15 pm  | 16016   | SC        | Maria Tallchief: Dancing through the Decades as a Native American Ballerina | Mary Grace Childress, Rory<br>Dunagan  | Jamie Gladu      | Orange Grove Charter        |
| 1:30 pm  | 16017   | NC        | Dr. Paul Hodges: Bringing the X-Ray to American Hospitals                   | Lily Stanek, Caroline<br>Brenegan, Ansley Bautz  | Christopher Will | St. Michael the Archangel   |
| 1:45 pm  | 16018   | СО        | William T.G Morton: The Foundation of Modern Medicine                       | Kyla Bauer, Adrienne<br>Ortega   | Gail Scobee      | Lotus School For Excellence |
| 2:00 pm  | 16019   | TX        | Me for Ma: A Frontier for Women in Politics                                 | Swikriti Lamichhane,<br>McKenna Brindley, Brynlee<br>Newberry, Kinleigh Fulton,<br>Alexa Harbour | Elizabeth Howson | NORTH BELTON MIDDLE         |
| 2:15 pm  | 16020   | IN        | The Roman Empire  | Emma Dolezal, Lucas<br>Eason, John Garrett   | Zackery Maggert  | John J Young Middle School  |
|          |         |           |   |  |                  |                             |



Building: Grand Ballroom Room: Group C

| Time     | Entry # | Affiliate | Title   | Students  | Teacher                    | School                                  |
|----------|---------|-----------|---|---|----------------------------|---|
| 11:00 am | 16021   | KY        | "Ain't I A Woman?": Sojourner Truth's Fight For Rights                                  | Sawyer Frye, Savannah<br>Frye, Rayawna Holland,<br>Rylee Fuson            | Pam Miracle                | Page School Center                      |
| 11:15 am | 16022   | MA        | Montreal Protocol: Catalyst for Climate Control   | Rina Arisipathi, Therese<br>Kosinski                                      | Barbara Sturtevant         | Marshall Simonds Middle                 |
| 11:30 am | 16023   | СТ        | Helen Keller: Changing How We See Disabilities  | Charlie McEwen, Liam<br>McCormick   | J'aime Ottaviano           | Lyme-Old Lyme Middle<br>School          |
| 11:45 am | 16024   | FL        | Breaking the Boundary: Buck O'Neil  | Lucia Paz, Noah Roessler,<br>Ella Berzins, Tyler Wilson                   | Jennifer Jaso              | SARASOTA MIDDLE<br>SCHOOL               |
| 1:00 pm  | 16025   | WI        | Little Rock Nine - Bravery in the Face of Bigotry                                       | Aedan Nelson, Nick<br>Fitzsimmons   | Chuck Taft                 | University School Of<br>Milwaukee       |
| 1:15 pm  | 16026   | IL        | Tragedy to Transformations to Treatment: The Evolution of Mustard Gas into Chemotherapy | Slokha Anandula, Catherine<br>Thielen, Ishitha Dabbigodla                 | Julie Teacher Morrison     | Margaret Mead JHS                       |
| 1:30 pm  | 16027   | OR        | Lewis and Clark: Westward Expansion   | Cadence Cheek, Ruby<br>Wellman, Madalynn Ehrens                           | Emily Rao                  | Butte Creek Elementary<br>School        |
| 1:45 pm  | 16028   | TX        | Got Safe Milk?  | Yashvir Singh Gill, Gabriel<br>Ramirez, Jonathan Lewis,<br>Annali Ramirez | Claude Garrison            | E F Green Junior School                 |
| 2:00 pm  | 16029   | SD        | The Evolution of the Telescope: Opening the Frontier of Space                           | Sloan Thompson, Sylvia<br>Turbiville                                      | Tonja Montgomery<br>Hansen | Harding County Middle School - 03       |
| 2:15 pm  | 16030   | NV        | First Jet Plane   | Maclovio Salcedo, Isabella<br>Carrasco                                    | Carol McGrew               | Wilbur & Theresa Faiss<br>Middle School |
|          |         |           |   |   |                            |   |



Building: Grand Ballroom Room: Group D

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                   |
|----------|---------|-----------|---|--|------------------|--|
| 11:00 am | 16031   | UT        | Antibiotics: A New Frontier in Medicine   | Zoey Hendrickson, Ella Baer                                      | Melissa Crandall | Union Middle School                      |
| 11:15 am | 16032   | NJ        | The Forgotten Melody of Freedom: Marian<br>Anderson's Unconventional Fight for Equality | Athira Kasthuri, Matthew<br>Aynbinder, Sophia Rood,<br>Anna Yang | Christy Marrella | Rosa International Middle<br>School      |
| 11:30 am | 16033   | WY        | The Escape To Heaven  | Caden Simianer, Lilly<br>Jackson                                 | Alyson Kruger    | Upton Middle School                      |
| 11:45 am | 16034   | NM        | Flying into the Frontier with the Wright Brothers                                       | Ryleigh Torres, Keoni Martin                                     | Dayna Jones      | LA PLATA MIDDLE                          |
| 1:00 pm  | 16035   | МО        | A Pioneering Marvel: The Little River Drainage District                                 | Lux Strickland, Ainsley<br>Strickland                            | Paul Arnold      | RICHLAND HIGH                            |
| 1:15 pm  | 16036   | IA        | Margaret Sanger's Planned Parenthood: A Frontier in Women's Healthcare                  | Gabrielle Wischmann,<br>Kaylie Husser                            | Emily Pendleton  | Bettendorf Middle School                 |
| 1:30 pm  | 16037   | CT        | The Evolution of the American School for the Deaf                                       | Sarah Rizzo, Makayla Farris                                      | Regina Lee       | Vernon Center Middle School              |
| 1:45 pm  | 16038   | DC        | The Galluccio's Fight For Family  | Anna Sullivan, Madison<br>Thorpe                                 | Kip Plaisted     | Stuart Hobson MS Capitol Hill<br>Cluster |
| 2:00 pm  | 16039   | AZ        | Elizabeth Blackwell   | Abigail Barnhart, Juliet<br>Coffman, Elizabeth Green             | Lee Irby         | Mount Elden Middle School                |
| 2:15 pm  | 16040   | FL.       | The Big Get: Frontier for Women in Broadcast Journalism                                 | Brooklyn Bentley, Brenna<br>Delezen                              | Stephanie Mainer | HOBBS MIDDLE SCHOOL                      |



Building: Grand Ballroom Room: Group E

| Time     | Entry # | Affiliate | Title   | Students   | Teacher            | School                              |
|----------|---------|-----------|---|--|--------------------|-------------------------------------|
| 11:00 am | 16041   | PA        | Apollo 11: Doorway to a New Frontier  | Caitlyn Brown, Hannah Fries  | Joshua Abrams      | Springhouse MS                      |
| 11:15 am | 16042   | WA        | Flying With Both Wings: How Valentina Tereshkova<br>Launched the Frontier of Gender Equality in Space | Neha Garde, Tanya Acharya  | Nicole Kesler      | Evergreen Middle School             |
| 11:30 am | 16043   | HI        | A Fight For Love  | Mia Lee, Nora Arnds  | Patricia Wurst     | Sacred Hearts School                |
| 11:45 am | 16044   | MN        | Complex Legacy Of Henrietta Lacks   | Lucy Dimarco, Juliet Zylla   | Ryan Olson         | Anthony Middle School               |
| 1:00 pm  | 16045   | SC        | The Radium Girls: The Glowing Truth About America's Working Conditions                                | Yasmine Glaoui, Jackson<br>Martin                                    | Shenita Myers      | Socastee Middle School              |
| 1:15 pm  | 16046   | СО        | The Light Bulb Opens a New Frontier   | Maximo Mahmoud, Axton<br>Valdez, Avani Moreschini,<br>Hailey Perdios | Lauren Gonzales    | Connect Charter School              |
| 1:30 pm  | 16047   | KS        | Uniting the East and West: A Frontier in Transportation   | Jacksen Savenko, Paxton<br>Poe                                       | Lindsey Dowell     | Washburn Rural Middle<br>School     |
| 1:45 pm  | 16048   | OK        | Madam C.J. Walker   | Bella Swartwood, Hayden<br>Estrada                                   | Penny Heath        | Canton Elementary School            |
| 2:00 pm  | 16049   | NV        | Swoopes, Swoops into Women's History  | Amara Schweickert, Abigail<br>Hammond, Isa Markwell                  | Lisa Larson        | Doral Academy of Northern<br>Nevada |
| 2:15 pm  | 16050   | MA        | Marie Curie: Glowing Discoveries and a Radiant Life   | Madhav Menon, Cristian<br>Jordan-Deleon, Abhay<br>Sharma             | Barbara Sturtevant | Marshall Simonds Middle             |



Building: Grand Ballroom Room: Group F

| Time     | Entry # | Affiliate | Title   | Students  | Teacher              | School                                      |
|----------|---------|-----------|---|---|----------------------|---|
| 11:00 am | 16051   | MD        | Plastic - A Bad Reputation for a Life Changing Invention                            | Amit Hegde, Samarth<br>Korada   | Lisa Wroblewski      | Dr. Martin Luther King Jr.<br>Middle School |
| 11:15 am | 16052   | DE        | The Terrible Truth Behind the Silent Sentinels' Night of Terror                     | Tania Khandelwal, Jennifer<br>Carlos                                      | Raymond Costello     | St. Anne's Episcopal School                 |
| 11:30 am | 16053   | NE        | Horse Power on the Great Plains   | Jenna Holmgren, Skyler<br>Edelman, Amelia Betson                          | Moni Hourt           | Crawford High School                        |
| 11:45 am | 16054   | KY        | Nichelle Nichols  | Dylan Hatfield, Kaitilyn<br>Hammontree, Laiken<br>Hammontree, Tyson Jones | Christie WIllis      | Frakes School Center                        |
| 1:00 pm  | 16055   | AR        | Behind Blackwell's Bars: How Nellie Bly Became A Pioneer Of Equality For The Insane | Audrey Cope, Bhavana<br>Gudipati  | Jessie Anderson      | J WILLIAM FULBRIGHT<br>JUNIOR HIGH SCHOOL   |
| 1:15 pm  | 16056   | LA        | Black Wall Street   | Kaedon Jenkins, Ethan<br>Bush   | April Butler-Goudeau | North Central High School                   |
| 1:30 pm  | 16057   | GA        | Love Always Wins  | Jaslyn Watts, Alyssa<br>Baker, Aliyah Baker                               | Stan Shively         | Richards Middle School                      |
| 1:45 pm  | 16058   | SD        | The Night Witches   | Jessica Ung, Saphera Reid,<br>Mia Kadi                                    | Tanner DeLoy         | Patrick Henry Middle School,<br>Sioux Falls |
| 2:00 pm  | 16059   | NC        | "The Big Picture"   | Aletha Muralt, Lannie<br>Stallworth, Khloey Snyder                        | Jerry Hensler        | Pine Springs Preparatory<br>Academy         |
| 2:15 pm  | 16060   | CA        | 123 Sesame Street: The Frontier of Childhood Growth                                 | Jennica Alixes, Anna Cao  | Lianne Linck         | Sierra Vista Middle School                  |



**Building: Grand Ballroom Room: Group G** 

| Time     | Entry # | Affiliate | Title  | Students   | Teacher               | School                                |
|----------|---------|-----------|--|--|-----------------------|---------------------------------------|
| 11:00 am | 16061   | NE        | Solomon Butcher: Capturing the New Frontier—One Glass Plate at a Time                              | Miranda Betson, Garett<br>Tollman                                    | Moni Hourt            | Crawford High School                  |
| 11:15 am | 16062   | AR        | Mansa Musa: A Frontier in a Golden Economy   | Silas McCormack, Breya<br>Jackson                                    | Lisa Sabir            | PINNACLE VIEW MIDDLE SCHOOL           |
| 11:30 am | 16063   | VT        | Rodney King and the LA Riots   | Juniper Keeton, Lyra Anne<br>Doyle, Violet Chandler                  | Daniel Maguire        | Main Street Middle School             |
| 11:45 am | 16064   | NM        | Harvesting More Than Crops: Frontiers in Agritainment  | Genna Romero, Lilly<br>Shoemate, Johnna Renee<br>Vigil, Lexis Corvin | Heather Page          | MORIARTY MIDDLE                       |
| 1:00 pm  | 16065   | RI        | Nellie Bly: Pioneer Journalist   | Avery Luca, Marissa Fields   | julie connors-costell | Winman Junior High School             |
| 1:15 pm  | 16066   | PA        | A Frontier Disaster: The Unintended Consequences of Braddock's Defeat at the Battle of Monongahela | Kaylin Luster, Courtney<br>Martin, Skylar Salay                      | Ross Farmer           | Belle Vernon Area MS                  |
| 1:30 pm  | 16067   | ND        | Frontiers in Paralympics   | Taylor Gerbig, Tolga Kilic,<br>Olivia Weller                         | Alyssa Wagner         | Dickinson Middle School               |
| 1:45 pm  | 16068   | UT        | Igniting New Frontiers: The Haitian Revolution   | Ammon Bradshaw,<br>Marianne Bradshaw                                 | JoLyne Merchant       | Thomas Edison Charter<br>School South |
| 2:00 pm  | 16069   | NY        | Norman Borlaug and the Green Revolution: a New Frontier in Agriculture                             | Logan Hamilton, Alexander<br>Yee-Chan                                | Patrick Shanahan      | WILLETS ROAD SCHOOL                   |
| 2:15 pm  | 16070   | AL        | Jackie Robinson: The Forgotten Civil Rights Frontiersman   | Janiyah Curry, Brelyn<br>Pettway                                     | Wendi Perkins         | Burns Middle Sch                      |



**Building: Grand Ballroom** Room: Group H

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                    |
|----------|---------|-----------|---|--|------------------|---|
| 11:00 am | 16071   | NY        | Daniel Ellsberg: Pioneering the First Amendment   | Mikaela Kleiman, Rachel<br>Zimmerman, Arielle Katz,<br>Sara Ostreicher, Miri<br>Berman | Kristen Waterman | HEBREW ACADEMY OF<br>LONG BEACH           |
| 11:15 am | 16072   | ID        | The Match Girls Strike  | London Stolworthy, Maleah<br>Kappas  | Jami McLing      | Praxium Mastery Academy                   |
| 11:30 am | 16073   | DE        | The Smallpox Slaughter: Biological Warfare in Pontiac's Rebellion                         | Julia Wolinski, Sandhya<br>Viswanathan   | Raymond Costello | St. Anne's Episcopal School               |
| 11:45 am | 16074   | CA        | Home Invaders: Leveling Up the Gaming Frontier  | Kellyn Chea, Haylee Pham,<br>Chloe Rafanan   | Chuck Diep       | Temple Intermediate School                |
| 1:00 pm  | 16075   | ME        | 3D Gaming: A Mind-Blowing Frontier in Neuroscience  | Laiken Voishnis, Miela Bui   | Christa Bui      | Noble Middle School                       |
| 1:15 pm  | 16076   | ОН        | A Challenging Frontier: Brown v. Board of Education and the Quest for Equality in Schools | Zora Asalu, Kritika Chahar   | Connie Miller    | Birchwood School of Hawken                |
| 1:30 pm  | 16077   | AR        | Iron Curtain: A Harsh Frontier of the Cold War  | Madeline Holland, Savannah<br>Butcher  | Marcy Parrish    | ALMA MIDDLE SCHOOL                        |
| 1:45 pm  | 16078   | LA        | The Fearless Fight for Women's Rights   | Camryn LaCaze, Marley<br>Shone   | Jamie Scroggs    | Rapides Academy for<br>Advanced Academics |
| 2:00 pm  | 16079   | KS        | The Dark Lady of DNA: The Untold Story on the Frontier of DNA                             | Lucy Hundley, Jadyn<br>Barnett   | Lindsey Dowell   | Washburn Rural Middle<br>School           |



Building: Grand Ballroom Room: Group I

| Time     | Entry # | Affiliate | Title  | Students  | Teacher        | School                          |
|----------|---------|-----------|--|---|----------------|---------------------------------|
| 11:00 am | 16080   | WY        | Lewis Hine Camera Crusader   | Bradie Gilmore, Hannah<br>Kaiser                              | Mitch Irrgang  | Pinedale Middle School          |
| 11:15 am | 16081   | MD        | The Triangle Shirtwaist Factory Fire: How One Catastrophe Forged the Frontiers of Labor Laws and Fire Safety | Sophia Wetherill, Isabella<br>Lundin, Kadyn Edwards           | Amy Roose      | The Tome School                 |
| 11:30 am | 16082   | WI        | HeLa Cells- A Scientific Miracle, But Ethical Mistake  | Lucy Konkol, Simrin Patel                                     | Chuck Taft     | University School Of Milwaukee  |
| 11:45 am | 16083   | ME        | Frances Glessner Lee: "Mother of Forensic Science"   | Cora Berry, Simone Sites,<br>Clara McDuffie                   | Katie Cassesse | Greely Middle School            |
| 1:00 pm  | 16084   | OK        | Togo: Nome's Hidden Hero   | Ariana Brixey, Libby Scoles,<br>Jozee Dilbeck                 | Patty Sanders  | Morrison Junior High            |
| 1:15 pm  | 16085   | ND        | Ancient Greek Inventions   | Lilly Zawodny, Katy<br>Schlecht, Alea Paluck,<br>Alexys Croft | Alyssa Wagner  | Dickinson Middle School         |
| 1:30 pm  | 16086   | TN        | Rosalind Franklin: The Dark Lady of DNA  | Nadya Alborz, Tori Goff                                       | Laura Greene   | Clayton-Bradley Academy         |
| 1:45 pm  | 16087   | AK        | Katherine Johnson  | Amelia Bochenek, Eeva<br>Boone                                | Adam Johnson   | Romig Middle School             |
| 2:00 pm  | 16088   | ID        | Equal Rights For All: How The ADA Changed The Lives Of People With Disabilities                              | Sophie Hayes, Urvi<br>Ranganathan                             | Stephanie Catz | Riverstone International School |



Building: Grand Ballroom Room: Group J

| Time     | Entry # | Affiliate | Title  | Students  | Teacher         | School                                    |
|----------|---------|-----------|--|---|-----------------|---|
| 11:00 am | 16089   | VT        | Consuelo Northrop Bailey: Opening Doors for<br>Vermont Women in Law & Politics     | Roxanne Griffin, Reese<br>Muzzy                                     | Joshua Brooks   | Addison Northwest<br>Supervisory District |
| 11:15 am | 16090   | HI        | Oscar Howe: Frontier in Native American Art  | Princess Angeli Mariano,<br>Haylee Jyn Aguilar, Janelle<br>Marigmen | Jaimy Valerio   | King David Kalakaua Middle<br>School      |
| 11:30 am | 16091   | TN        | Courage, Conviction, Commitment: "The Incredible Flying Fort"                      | Anna Averitt, Lainey<br>McQuade, Alanna Mays                        | Whitney Joyner  | Kirkwood Middle School                    |
| 11:45 am | 16092   | RI        | Abigail Adams: Crossing a New Frontier into Independence and Women's Rights        | Elena Silvia, Abigail Gilfillen                                     | Christine Costa | Tiverton Middle School                    |
| 1:00 pm  | 16093   | MI        | Radium Girls: Steps Toward Workers' Safety   | Ashlyn Stemmerich, Violet Sarcona                                   | Tara Fugate     | Richards Middle School                    |
| 1:15 pm  | 16094   | VA        | The Congo Holocaust: A Devastating Frontier  | Elaina Wang, Frida Nassar   | Jill Shull      | Haycock Elementary                        |
| 1:30 pm  | 16095   | INT       | Margaret Sanger: Overturning Fundamental Frontiers In Women's Reproductive History | NaNa Temtanaruk, Soyonbo<br>Su                                      | Jeremy Freeman  | Chiang Mai International School (CMIS)    |
| 1:45 pm  | 16096   | WA        | Riding the Magnetic Rail: The Frontier of Maglevs                                  | Arnav Kaja, Toprak Celikel,<br>Naithik Vutukuru                     | Nicole Kesler   | Evergreen Middle School                   |
| 2:00 pm  | 16097   | NH        | Lyudmila Pavlichenko   | Ryder Ouellet, Langston<br>Whyte, Vinson Stansfield                 | Kristin Brown   | Crescent Lake School                      |



Building: Art/Sociology Room: 2203

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                  |
|----------|---------|-----------|---|--|------------------|---|
| 10:00 am | 14001   | UT        | Red Tails: Frontiers in Flight  | Fischer Leonard, Asher Van<br>Komen, Scott Edie, Gracie<br>Leonard                     | Jonathan Edie    | Tonaquint Intermediate School           |
| 10:20 am | 14002   | IA        | Annie Wittenmyer: Leading a Frontier in Hospital Safety Conditions  | Carter Moffatt, Kaylie<br>Meinen, Kaylee Miller,<br>Khallie Willms, Faith<br>Martinsen | Val Philips      | Akron Westfield Middle<br>School        |
| 10:40 am | 14003   | SD        | The Women's Rights Movement   | Aubri Hall, Izzy Terry, Kate<br>Swarthout  | Jennifer Prahl   | Rapid City Christian School             |
| 11:00 am | 14004   | IL        | The Fall of the Berlin Wall: How Gorbachev's<br>Leadership Led to the Crossing of a Monumental<br>Frontier in History | Alex Rechitsky, Arnav<br>Chaphalkar  | Drew Shilhanek   | Quest Academy                           |
| 11:20 am | 14005   | VA        | The All American Girls Professional Baseball<br>League: A Frontier In Women's Sports                                  | Katia Hermanson, Madeline<br>Bruton  | Stephanie Hammer | William Monroe Middle                   |
| 11:40 am | 14006   | VT        | Woody Guthrie's Impact On Folk Music  | Isla Robechek, Graceyn<br>Nichols-Timpone  | Daniel Maguire   | Main Street Middle School               |
| 1:00 pm  | 14007   | NJ        | Steve Biko and the Fight Against Apartheid  | Rashad Holloman, Hayden<br>Davis, Neil Herbert, Zakar<br>Faulk                         | Tracey Prince    | East Orange STEM Academy<br>High School |
| 1:20 pm  | 14008   | WY        | "An Unsung Hero of Medicine": HeLa Cells<br>Frontiering Scientific and Medical Research                               | Maggie Hicks, Halle<br>Mickelsen, Carly Robertson,<br>Halle Huston                     | MaryJo Birt      | Wheatland Middle School                 |



Building: Art/Sociology Room: 3203

| Time     | Entry # | Affiliate | Title  | Students   | Teacher                      | School                                     |
|----------|---------|-----------|--|--|------------------------------|--|
| 10:00 am | 14009   | NM        | Louis Pasteur and the Pasteurization of Milk   | Emma Drennan, Jada Valles  | Dayna Jones                  | LA PLATA MIDDLE                            |
| 10:20 am | 14010   | NY        | Fashion and Feminism: The Doll Who Started it All  | Harleigh Rockfeld, Madalyn<br>Duffy                                  | Patrick Clarke, Mike<br>Haig | WHEATLEY SCHOOL                            |
| 10:40 am | 14011   | FL        | Victors and Frontiers in the Space Race  | Karina Lisenkova, Veda<br>Penumuchu, Emma<br>Bucholtz                | Monica Dutzar, Jon<br>Droog  | WILLIAMS MIDDLE MAGNET<br>SCHOOL           |
| 11:00 am | 14012   | SC        | Crossing Frontiers for Black Americans: The Black Wall Street of America   | Mauriana Cotton, Kearstin<br>Moore, Liliana Thomas                   | Jessica McKever              | Ten Oaks Middle School                     |
| 11:20 am | 14013   | VT        | Women on Water: A New Frontier   | Casey Clark, Ella Maneen,<br>Jordan Hutchins, Ava Foster             | Rebecca Coffey               | Addison Northwest<br>Supervisory District  |
| 11:40 am | 14014   | AR        | Code Girls   | Cecilia Chenault, Emma<br>Morrow, Riley Woody                        | Erin Valentine               | WASHINGTON JUNIOR HIGH SCHOOL              |
| 1:00 pm  | 14015   | WA        | The Power of Roe v. Wade: A Frontier in Women's Choice   | Akanksha Revuru, Vivian<br>Gu, Ananya Akurathi                       | Nicole Kesler                | Evergreen Middle School                    |
| 1:20 pm  | 14016   | KO        | Roald Amundsen's success in discovering the South Pole: a new frontier paved the route for future generations to research and develop Antarctica | Shinho (Kyle) Lee, Jae<br>Young (Elliot) Kim, Woojoo<br>(Peter) Kang | Arthur Scibal                | Korea International School,<br>Jeju Campus |



**Building: Atlantic Room: 2324** 

| Entry # | Affiliate  | Title  | Students  | Teacher  | School   |
|---------|--|--|---|--|--|
| 14017   | ID   | Sally Ride and the Public: Rifts as Wide as Space  | Emma Mildenstein, Lucy<br>Rubow, Zoey Lesteberg,<br>Spencer Thompson  | Kathleen Hodge   | Sawtooth Middle School   |
| 14019   | MI   | The Underground Railroad Was a Frontier of Freedom   | Amber Tschirgi, Rena Sager  | Brenton Fitzpatrick  | Bothwell Middle School   |
| 14020   | MD   | The Negative Impact of the Lewis and Clark<br>Expedition and Westward Expansion on Native<br>Americans | Diana Ince, Rebecca<br>McCracken  | Ryan Flynn   | Eastern Middle School  |
| 14021   | AR   | Susan B. Anthony's Fight for Women's Rights  | Hailie Williams, Kimmie<br>Ham  | Melanie Barker   | AHLF JUNIOR HIGH SCHOOL  |
| 14022   | UT   | Operation Little Vittles   | Jared Killpack, Cooper<br>Maughan   | JoLyne Merchant  | Thomas Edison Charter<br>School South  |
| 14023   | MO   | No More Silence  | Zaria Easterling, Vanessa<br>Winters, Madina Smith,<br>Mina Irani, Sarah Diamond  | Wendy Blanton-Goss   | STEAM Academy Middle<br>School   |
| 14024   | КО   | Innovation to Go Down in Manufacturing History:<br>The Historic Discovery of Assembly Lines            | Hyunbin (Elin) Lim, Gapjae<br>Choi, Dayoon (Claire) Seo,<br>Yudan Sun   | Arthur Scibal  | Korea International School,<br>Jeju Campus   |
|         | 14017<br>14019<br>14020<br>14021<br>14022<br>14023 | 14017 ID  14019 MI  14020 MD  14021 AR  14022 UT  14023 MO   | 14017 ID Sally Ride and the Public: Rifts as Wide as Space  14019 MI The Underground Railroad Was a Frontier of Freedom  14020 MD The Negative Impact of the Lewis and Clark Expedition and Westward Expansion on Native Americans  14021 AR Susan B. Anthony's Fight for Women's Rights  14022 UT Operation Little Vittles  14023 MO No More Silence | 14017 ID Sally Ride and the Public: Rifts as Wide as Space Emma Mildenstein, Lucy Rubow, Zoey Lesteberg, Spencer Thompson  14019 MI The Underground Railroad Was a Frontier of Freedom  14020 MD The Negative Impact of the Lewis and Clark Expedition and Westward Expansion on Native Americans  14021 AR Susan B. Anthony's Fight for Women's Rights Hailie Williams, Kimmie Ham  14022 UT Operation Little Vittles Jared Killpack, Cooper Maughan  14023 MO No More Silence Zaria Easterling, Vanessa Winters, Madina Smith, Mina Irani, Sarah Diamond  14024 KO Innovation to Go Down in Manufacturing History: The Historic Discovery of Assembly Lines Choi, Dayoon (Claire) Seo, | 14017IDSally Ride and the Public: Rifts as Wide as SpaceEmma Mildenstein, Lucy Rubow, Zoey Lesteberg, Spencer ThompsonKathleen Hodge14019MIThe Underground Railroad Was a Frontier of FreedomAmber Tschirgi, Rena SagerBrenton Fitzpatrick14020MDThe Negative Impact of the Lewis and Clark Expedition and Westward Expansion on Native AmericansDiana Ince, Rebecca McCrackenRyan Flynn14021ARSusan B. Anthony's Fight for Women's RightsHailie Williams, Kimmie HamMelanie Barker14022UTOperation Little VittlesJared Killpack, Cooper MaughanJoLyne Merchant14023MONo More SilenceZaria Easterling, Vanessa Winters, Madina Smith, Mina Irani, Sarah DiamondWendy Blanton-Goss14024KOInnovation to Go Down in Manufacturing History: The Historic Discovery of Assembly LinesHyunbin (Elin) Lim, Gapjae Choi, Dayoon (Claire) Seo,Arthur Scibal |



Building: HJ Patterson Room: 0226

| Time     | Entry # | Affiliate | Title  | Students  | Teacher          | School                                   |
|----------|---------|-----------|--|---|------------------|--|
| 10:00 am | 14025   | МО        | Loretta Lynn Kickin' Up Dust   | Maverick Sybert, Hilde<br>Wheeler                                 | Brian Wiedmer    | NORTH ANDREW MIDDLE                      |
| 10:20 am | 14026   | DC        | The Crisis   | Sebastian Ko, Terry Franklin<br>Jr.                               | Amy Macneil      | Stuart Hobson MS Capitol Hill<br>Cluster |
| 10:40 am | 14027   | PA        | The Man Who Shook the Boundaries: Elvis' Influence on Self-Expression and Social Standards                 | Dean Augello, Sofia Failla  | Christine Zeglen | Holy Name of Jesus School                |
| 11:00 am | 14028   | CO        | The Purchase of the Alaskan Frontier: The Wisdom of Seward's Folly   | Madelynn Gonzales, Clara<br>O'Brien, Taylor Kottenstette          | Nicki Roberts    | Connect Charter School                   |
| 11:20 am | 14029   | TX        | Is There a Doctor in the House: The Tale of Dr. Sara Josephine Baker and Typhoid Mary                      | Emma Clark-Martinez,<br>Katarina Telep, Finley Ritter             | Arian Drake-Raue | Atlas Academy                            |
| 11:40 am | 14030   | OR        | Bloody Sunday: The True Beginning of the Troubles  | Charlie Davila, Isaac Nilsen                                      | Amy McBride      | ACCESS Academy                           |
| 1:00 pm  | 14031   | IL        | Cinematic Frontiers: Innovators in Entertainment   | Kammi Nelson, Violet<br>Bivens, Eleanor O'Shea,<br>Abigail Mullin | Linda ODwyer     | Parker Junior High School                |
| 1:20 pm  | 14032   | CA        | The Women's Army Corps: How Females WACked<br>Their Way Through an Age-Old Military and Gender<br>Frontier | Arna Banerjee, Megan<br>McGinthy, Kaylee Kirk,<br>Michelle Acosta | Debbie Hodge     | Alta Sierra Intermediate<br>School       |



**Building: Plant Sciences Room: 1130** 

| Time     | Entry # | Affiliate | Title  | Students  | Teacher          | School                               |
|----------|---------|-----------|--|---|------------------|--------------------------------------|
| 10:00 am | 14033   | HI        | Yellow Journalism: Frontiers in Media During the Spanish-American War and American Imperialism | Gabrielle Ehra Balala, Ciana<br>Guillermo, Julieanne Baja   | Jaimy Valerio    | King David Kalakaua Middle<br>School |
| 10:20 am | 14034   | СО        | The Problem That Has No Name: The Feminine Mystique and Second-wave Feminism                   | Stella Harezlak, Delaney<br>O'Dowd                          | Zach Crandall    | Southern Hills Middle School         |
| 10:40 am | 14035   | TX        | Mission Impossible: Cabeza de Vaca y la Nueva<br>Frontera                                      | Izabella Briones, Annaliese<br>West                         | Travis Jarrell   | MARATHON INDEPENDENT SCHOOL DIST     |
| 11:00 am | 14036   | NJ        | Battling a Front in the Night Sky: The Bombing Beauties of WWII, The Night Witches             | Sophia Park, Fiona<br>Houston, Vivian Cruse,<br>Jaslyn Tsai | Christy Marrella | Rosa International Middle<br>School  |
| 11:20 am | 14037   | KY        | The Pony Express: A Financial Failure and A Revolutionary Success                              | Briar Baker, Sidney Young                                   | Pam Miracle      | Page School Center                   |
| 11:40 am | 14038   | LA        | MK Ultra: The CIA's Pursuit of Mind Control  | Francisco Gumataotao,<br>Carter Bostic, Jackson Kline       | Brooke Box       | Belle Chasse Academy                 |
| 12:00 pm | 14039   | OK        | On the Homefront: How WWII Opened New Frontiers for Women                                      | Brooke Pope, Brooklyn<br>Green, Harper Jones                | Penny Heath      | Canton Elementary School             |



Building: SPH Room: 0308

| Time     | Entry # | Affiliate | Title   | Students   | Teacher            | School                          |
|----------|---------|-----------|---|--|--------------------|---------------------------------|
| 10:00 am | 14047   | PA        | Undercover Frontiers of Cryptology: The Female Codebreakers of WW2                        | Areesha Mariyam, Shravani<br>Shelke, Greeshma Konda,<br>Aarna Pandey, Manisha<br>Bharath Ram | Joshua Abrams      | Springhouse MS                  |
| 10:20 am | 14048   | SC        | The Election 1796: The New Era of Elections   | Trevor Chestnut, Jackson<br>Uphold   | Jessica McKever    | Ten Oaks Middle School          |
| 10:40 am | 14049   | NE        | The Coffins Rescue  | Mia Benight, Kendall<br>Jeanneret  | Mitch Roberts      | Johnson-Brock Public<br>Schools |
| 11:00 am | 14050   | NM        | Frontiers in Bi-Partisan Politics: The Dinner Table Bargain                               | Mckenna McCord, William<br>Vrabec, Amye Villanueva,<br>Ethan Trahan                          | STEPHANIE WILSON   | TONY HILLERMAN MIDDLE<br>SCHOOL |
| 11:20 am | 14051   | GA        | Galileo Galilei: How the Sun Became the Center of Our Solar System                        | Maisie Davis, Alina Devane,<br>Reilly Stephens   | Zachary Barfield   | Ola Middle School               |
| 11:40 am | 14052   | ОН        | Taking Their Swing: The Rockford Peaches  | Elizabeth Dornan, Ollie<br>Reitz   | Jessica Wilcox     | Menlo Park Academy              |
| 1:00 pm  | 14053   | MA        | Man is Not Made Better by Being Degraded: How Dorothea Dix shaped Mental Health Care      | Brooke Turnquist, Hannah<br>Titus  | Barbara Sturtevant | Marshall Simonds Middle         |
| 1:20 pm  | 14054   | MN        | On the Brink: Developing the Atomic Bomb and the Frontier of Mutually Assured Destruction | Hudson Isakson, Cara<br>Sarbacker, Bryce Harms,<br>Phineas Jacox                             | Pamela Alsbury     | Christ's Household of Faith     |



Building: SSU Room: Benjamin Banneker

| Time     | Entry # | Affiliate | Title  | Students  | Teacher                 | School                            |
|----------|---------|-----------|--|---|-------------------------|-----------------------------------|
| 10:00 am | 14055   | NE        | The Orphan Trains: Laying Down Tracks for New Frontiers                                      | Kaden Arens, Cecilia<br>Wortmann  | Ginger Schieffer        | St. Rose of Lima School           |
| 10:20 am | 14056   | ME        | The Commission: How Lucky Luciano Created the Mafia's Most Powerful Frontier in America      | Phoebe Levin, Calvin<br>O'Connor, Fletcher Meyers,<br>Payton Dean, Gideon Beck          | Katie Cassesse          | Greely Middle School              |
| 10:40 am | 14057   | MA        | Bridget Bishop: One Voice For Many   | Isabella Cardalino, Elsie<br>Fisher, Mason Graves                                       | Sean Perry              | Stoneham Central Middle<br>School |
| 11:00 am | 14058   | FL        | The Canary's Cry: Frontiers Within Impoverished Life   | Teagan Carroll, Aditi Pai,<br>Akash Pai, Dylan Foster                                   | Teresa Bergstrom        | DUNEDIN HIGHLAND<br>MIDDLE SCHOOL |
| 11:20 am | 14059   | WA        | Joseph Lister: Revolutionizing Victorian Medicine<br>Through the Introduction of Antiseptics | Kyra Ready, Adrianna<br>Scorup  | ira franklin            | Cedar Heights Middle School       |
| 11:40 am | 14060   | VA        | Clara Barton and The National American Red Cross   | Cayla Wright, Abby Heath  | Pam Rockenbach<br>Plahs | Swift Creek Middle                |
| 12:00 pm | 14061   | CA        | More Than a Girl Sniper: Lady Death  | Maryam Kayani, Hailey<br>Woodruff, Allison<br>Williamson, Isla Verde, Ruth<br>Rodrigues | Brenda Noel             | Fruitvale Junior High School      |



**Building: SSU** Room: Hoff Theater

| Time     | Entry # | Affiliate | Title   | Students   | Teacher         | School                    |
|----------|---------|-----------|---|--|-----------------|---------------------------|
| 10:00 am | 14062   | RI        | MICROWAVES MARCH TOWARD THE FUTURE  | Ellery Caouette, Lindsay<br>Baker, Campbell McClennan                                    | Samantha Hedden | St. Philomena School      |
| 10:20 am | 14063   | WI        | The Women's Rights Convention of Seneca Falls   | Alexa Droher, Ayla Peterson  | Joan Simon      | Prescott School District  |
| 10:40 am | 14064   | MI        | It All Started With a Mouse: Disney and the New Frontiers in Animation                            | Drew Olney, Ty Anderson  | Julie Sheppard  | Baseline Middle School    |
| 11:00 am | 14065   | TN        | The Sizzling History of Sir Francis Bacon, the<br>"Father of Modern Science"                      | Charis Awoyode, Sally<br>Gandhi, Frances Jack, Ella<br>Gambill                           | Becky Verner    | Meigs Middle              |
| 11:20 am | 14066   | NH        | Marilla Ricker Breaks Boundaries  | Stella Friesen, Aislyn<br>Bergeron, Ellie Fuller,<br>Cecelia Meroski, Abigail<br>Ackerly | Kristin Brown   | Crescent Lake School      |
| 11:40 am | 14067   | OK        | There's No Crying in Baseball: The Women that Opened a Frontier of Opportunities                  | Keller Jones, Miley Unruh,<br>Madison Unruh, Irilynn<br>Jones                            | Dora Fuqua      | Canton Elementary School  |
| 12:00 pm | 14068   | INT       | The Rosenwald Schools: Creating New Frontiers in African American Education in the Jim Crow South | Lia Macdonell, Sofie Dewan   | MatthewD Elms   | Singapore American School |



Building: Tawes Room: 0310

| Time     | Entry # | Affiliate | Title  | Students  | Teacher           | School                               |
|----------|---------|-----------|--|---|-------------------|--------------------------------------|
| 10:00 am | 14069   | AZ        | The Salem Witch Trials: A Time of Lies and Hysteria  | Meredith Williams, Rylie<br>Yanko, Sutton Nickerson,<br>Eleanor Johnson, Roman<br>Chapman | Rebekah West Keur | Sunrise Middle School                |
| 10:20 am | 14070   | NY        | "In Nature, Nothing Exists Alone": DDT on Trial  | Lucas Hayes, Gabriel<br>Oscher, Wyatt Simpson,<br>Una Joy Hornick                         | Matthew Thoren    | The Speyer Legacy School             |
| 10:40 am | 14071   | MD        | The Artificial Heart: Saving Lives with a Man-Made Machine   | Jina Choi, Tirzah Chan,<br>Jayde Liu, Annabelle Wu  | Jay Farmer        | Clarksville Middle School            |
| 11:00 am | 14072   | ОН        | Establishing the Cleveland Clinic's Guiding Vision:<br>How Battlefield Experiences Inspired Exploration<br>Into the Frontier of More Efficient Patient Care for<br>Better Outcomes | Manya Raina, Yara Salam,<br>Ishika Chand  | Connie Miller     | Birchwood School of Hawken           |
| 11:20 am | 14073   | WI        | Penicillin: An Accidental Discovery Leads to a<br>Life-Saving Frontier   | Kira Butler, Ashlyn Qualio  | Erin Patchak      | Bay View Middle School               |
| 11:40 am | 14074   | GA        | Analyzing the Historical Impact on Minorities During the Spanish Flu of 1918–1920  | Lauren Dang, Breonne<br>Fuller, Candessa Barker,<br>Litzy Sanchez                         | Johnny Walker     | Adamson Middle School                |
| 12:00 pm | 14075   | AL        | A Walk Through the Life of Harriet Tubman  | Makayla Davis, Sameriah<br>Gordon, Alayna Morris,<br>Adriann Preston                      | Michelle Mallard  | New Beginnings Educational<br>Center |



Building: Tawes Room: 1313

| Time     | Entry # | Affiliate | Title  | Students  | Teacher               | School                                      |
|----------|---------|-----------|--|---|-----------------------|---|
| 10:00 am | 14040   | TN        | The Rebel Work of Rosie Hackett  | Eleanor Dildine, Cora<br>Jackson, Sara Jackson,<br>Penelope (Poppy) Baldwin | Nicole Whitecotton    | Clayton-Bradley Academy                     |
| 10:20 am | 14041   | SD        | Susan B. Anthony and Elizabeth Cady Stanton and Their Fight for Woman's Rights                                 | Julia Hakeman, Rya Snyder   | Gretchen Doyle        | Patrick Henry Middle School,<br>Sioux Falls |
| 10:40 am | 14042   | NC        | The First Failed Frontier  | Zoey Jenkins, Abel Wade,<br>Khloe Chapman                                   | Megan Lucas           | Swain County Middle School                  |
| 11:00 am | 14043   | RI        | Adopting Communism and the Aftermath.  | Kyleigh LeTellier, Mckenna<br>Donald  | julie connors-costell | Winman Junior High School                   |
| 11:20 am | 14044   | ID        | The Golden Age of American Radio: A Play   | Nora Witt, Jacob Jones,<br>Elias Callens, Olivia Arnette,<br>Collin Plummer | Kathleen Hodge        | Sawtooth Middle School                      |
| 11:40 am | 14045   | MN        | The Fight for the Electric Automobile: A Frontier for a More Efficient, Ecological, and Safe Way of Travel     | Robert Schleif, Oliver Berg   | Heidi O'Donnell       | Delano Public Schools                       |
| 12:00 pm | 14046   | IA        | Hedy Lamarr and the Secret Communications<br>System: Technology that Revolutionized Wireless<br>Communications | Vivian Searcy, Margaret<br>Hahn   | Patty Lien            | St. Benedict School                         |



Building: Art/Sociology Room: 1213

| Time     | Entry # | Affiliate | Title   | Students  | Teacher          | School                            |
|----------|---------|-----------|---|---|------------------|-----------------------------------|
| 10:00 am | 18001   | MS        | "Little Boy": The Bomb that Changed the World Forever   | Amy Choi, Ezekiel Herron                            | Maggie Wood      | ARMSTRONG MIDDLE SCHOOL           |
| 10:15 am | 18002   | FL        | Frontiers in Christianity: The Spread of Ideas During the Protestant Reformation              | Bhoomi Shah, Hasini<br>Arshanapalli, Rhea Varma     | Monica Dutzar    | WILLIAMS MIDDLE MAGNET SCHOOL     |
| 10:30 am | 18003   | MN        | The Fall of the Berlin Wall   | Petra Fargione, Arantxa<br>Miranda Morales          | Michael Hickel   | New City Charter School           |
| 10:45 am | 18004   | NE        | Frontiers in Organized Crime: How Prohibition Shaped the Mafia                                | Matthew Sorenson, Samuel<br>Kahl                    | Cathy Kaus       | Chadron Middle School             |
| 11:00 am | 18005   | SD        | John Deere Invention of the Self-Scouring Steel Plow: A Revolution in Agriculture             | Carson Engelstad, Blake<br>Coners, Ben Donbroski    | Nathan Lamb      | Deubrook Jr. High School          |
| 11:15 am | 18006   | WI        | Uncovering the Truth About Children, The Clarks'<br>Doll Test, A Window Into Racial Attitudes | Deven Sharma, Augie Baum                            | Chuck Taft       | University School Of<br>Milwaukee |
| 11:30 am | 18007   | INT       | The Los Angeles Civil Unrest of 1992: How Restorative Justice Healed a Splintered Society     | Sebin Kim, Jenny Jeong                              | MatthewD Elms    | Singapore American School         |
| 11:45 am | 18008   | KS        | Opioids: A Frontier in Medicine Turned Frontier in Crime                                      | Keaden Yim, Alex Washam                             | Taylor Bussinger | Prairie Trail Middle School       |
| 12:00 pm | 18009   | AK        | A Geopolitical Frontier: The Aleutian Islands, Home of the Unangax <sup>^</sup> People        | Anysia Dushkin, Nadia<br>Dushkin, Evelina Snigaroff | Dena Royal       | Yakov E. Netsvetov (Atka)         |



**Building: Atlantic Room: 1113** 

| Time     | Entry # | Affiliate | Title  | Students                                     | Teacher         | School                              |
|----------|---------|-----------|--|--|-----------------|-------------------------------------|
| 10:00 am | 18010   | SC        | Brown V. Board of Education: Frontier Towards Desegregation for Children                       | Nicole Garcia-Ruiz, Joi<br>Ballard           | Amanda Hall     | Forestbrook Middle                  |
| 10:15 am | 18011   | TN        | The Invention of the World Wide Web  | Gavin O'Bryant, Evens<br>Donard              | Tabitha Wilson  | Richview Middle School              |
| 10:30 am | 18012   | CA        | Negotiating Identity at the Frontier: The Role of the Carlisle School in Cultural Assimilation | Matthew Lee, Ansh Gosain                     | Lianne Linck    | Sierra Vista Middle School          |
| 10:45 am | 18013   | TX        | Project Echo: The Satellite That Changed the World!  | Sean Paz, Vinisha Gandhi,<br>Cora Harper     | Sarah Coffee    | CANYON RIDGE MIDDLE                 |
| 11:00 am | 18014   | NV        | Mass Media, Mass Murder  | Lucia Bryson, Mackenzie<br>Bowlin            | Lisa Larson     | Doral Academy of Northern<br>Nevada |
| 11:15 am | 18015   | ОН        | Lewis Hine: Pioneering the Frontier of Photography for Social Change                           | Ayah Dinary, Leen Salem,<br>Rhea Kumar       | Connie Miller   | Birchwood School of Hawken          |
| 11:30 am | 18016   | IL        | Conquest of the Cosmos: Pushing Frontiers in the Space Race                                    | Kavin Bendre, James Yu                       | Eric Youngquist | Avery Coonley                       |
| 11:45 am | 18017   | PA        | Meadowcroft Rockshelter: The First American Frontier   | Alexis Lezama, Mailey<br>Hayes, Abby Russell | Ross Farmer     | Belle Vernon Area MS                |
| 12:00 pm | 18018   | СТ        | American Sign Language: The Impact it made on Deaf People                                      | Taqwa Bedir, Sarah<br>Elsherbini             | Salwa Collings  | Madina Academy                      |



**Building: Benjamin** Room: 2119

| Time     | Entry # | Affiliate | Title  | Students                          | Teacher             | School                                      |
|----------|---------|-----------|--|-----------------------------------|---------------------|---|
| 10:00 am | 18019   | TN        | Ray Harryhausen: Special Effects Pioneer and Creator of Dynamation | Isai Gilbert, Sawyer Smith        | Ryan Durfee         | Mid-South Gifted Academy                    |
| 10:15 am | 18020   | NM        | The Manhattan Project: an Atomic Frontier                          | Jonathan Beck, Bennett<br>Traeger | Dayna Jones         | LA PLATA MIDDLE                             |
| 10:30 am | 18021   | UT        | Yellowstone: A Frontier in National Parks                          | Luke Murdoch, Jack Hale           | Cali Dansie Burgess | Timberline Middle School                    |
| 10:45 am | 18022   | AR        | Females of the Final Frontier                                      | Emma Zheng, Carlisle<br>Holleman  | Jimmie Rahman       | Pulaski Academy                             |
| 11:00 am | 18023   | MA        | Jackie Robinson Stealing History One Base at a<br>Time             | Mason Murphy, Patrick<br>Mitchell | Lauren Crispi       | St. Joseph School                           |
| 11:15 am | 18024   | SD        | Forging Frontiers: Jane Goodall and the Chimps                     | Megan Ulin, Katelyn Terveen       | Gretchen Doyle      | Patrick Henry Middle School,<br>Sioux Falls |
| 11:30 am | 18025   | ОН        | Norman Borlaug and the Green Revolution: Frontiers in Agriculture  | Niva Yadav, Simran Sarkar         | Rachael Streitman   | Mayfield Middle School                      |
| 11:45 am | 18026   | NC        | Bikini Kill, Riot Grrrl, and Revolution                            | Abby Muir, Sabrina<br>Almaguer    | Nicole Osborne      | Cane Creek Middle                           |
| 12:00 pm | 18027   | VA        | Frontiers in Environmental Justice: Love Canal                     | Julianna Sun, Glenda Lu           | Jill Shull          | Haycock Elementary                          |
| 12:15 pm | 18028   | AR        | Civil Rights Act of 1964   | Areej Shuja, Saanvi Prabhu        | Jimmie Rahman       | Pulaski Academy                             |



Building: Benjamin Room: 3236

| Time     | Entry # | Affiliate | Title   | Students                                    | Teacher          | School                                    |
|----------|---------|-----------|---|---|------------------|---|
| 10:00 am | 18029   | MI        | The Stonewall Uprising: How Rioting Started a New Frontier in Gay Rights                        | Izzy Monville, Aaliyah<br>Welch             | Shana Ransford   | Saginaw Arts and Sciences<br>Academy      |
| 10:15 am | 18030   | MA        | PARC v. Pennsylvania: Pioneering the Right to Education for Children with Cognitive Impairments | Alexandra Lay, Harry Liu,<br>Spencer Carman | Jason Levy       | Ottoson Middle                            |
| 10:30 am | 18031   | СО        | DNA Analysis  | Lula Graham, Megan<br>Espiritu Niswonger    | Zach Crandall    | Southern Hills Middle School              |
| 10:45 am | 18032   | FL        | All Aboard: The Frontier of Railroads in America  | Musa Totah, Emile Totah                     | Teresa Bergstrom | DUNEDIN HIGHLAND<br>MIDDLE SCHOOL         |
| 11:00 am | 18033   | HI        | America's Black Wall Street: A Frontier in the Fight for African American Equality              | Christyna Platt, Sydney<br>Barth            | Mary Shire       | Aiea Intermediate School                  |
| 11:15 am | 18034   | WA        | Che Guevara: Revolution Knows No Borders  | Kamya Jagtap, Elizabeth<br>Dudar            | John Moore       | Leota Middle School                       |
| 11:30 am | 18035   | INT       | George Washington Carver: A Frontier in Agricultural History                                    | Dingchen (Kimi) Sun, Guorui<br>(Gary) Huang | Jeremy Freeman   | Chiang Mai International<br>School (CMIS) |
| 11:45 am | 18036   | SC        | Goldberger's Findings on Pellagra   | Allison Acosta, Fatima<br>Tehandon          | Katie Russo      | North Myrtle Beach Middle                 |



Building: Benjamin Room: 3315

| Time     | Entry # | Affiliate | Title   | Students   | Teacher             | School                      |
|----------|---------|-----------|---|--|---------------------|-----------------------------|
| 10:00 am | 18037   | NJ        | The May Fourth Movement: The Frontier of Modern China   | Chloe Yang, Amy Chua   | Susan Shiffman      | Cranbury School             |
| 10:15 am | 18038   | DE        | Cheating? We call it competing.   | Austin Edwards, Kai Parikh                                     | Raymond Costello    | St. Anne's Episcopal School |
| 10:30 am | 18039   | VA        | The Medici Family and Their Impact on the Renaissance   | Sarah Edgar, Joseph<br>Vargas, Emil Hierman                    | Amanda Conway       | Lylburn Downing Middle      |
| 10:45 am | 18040   | UT        | Susan B. Anthony's Fight for Women's Rights   | Anna Tuft, Grace Kingsford                                     | Kim Perry           | Clayton Middle School       |
| 11:00 am | 18041   | СО        | Touching the Sky: The Home Insurance Building   | Ebenezer Yimam, Javier<br>Cisneros Flores, Natnael<br>Getachew | Gail Scobee         | Lotus School For Excellence |
| 11:15 am | 18042   | KY        | Profit or People: The Rise of Tamper-Evident Packaging  | Sharon Zheng, McKeyla<br>Nguyen                                | David Trueblood     | Saint Nicholas              |
| 11:30 am | 18043   | IN        | The Salk Polio Vaccine: How Jonas Salk Forever Changed the World by Crossing a Medical Frontier | Elia Lu, Katelyn Chen, Lily<br>Flint, Shawn Feng               | Yu Kong, Jessica Yu | Clay Middle School          |
| 11:45 am | 18044   | NE        | Indian Boarding Schools: Cultural Destruction on the American Frontier                          | Kaily Kurtzhals, Grace<br>Augustyn                             | Kim Henry           | Loup City High School       |



Building: SSU Room: Pyon Su

| Time     | Entry # | Affiliate | Title  | Students   | Teacher         | School                            |
|----------|---------|-----------|--|--|-----------------|-----------------------------------|
| 10:00 am | 18045   | NY        | The NYC Subway System: A Frontier In Urban Travel                                    | Christopher Kovios,<br>Samantha Kovios                           | Justin Portente | WHEATLEY SCHOOL                   |
| 10:15 am | 18046   | MS        | Smallpox Vaccine: The Start of an Era  | lan Jung, Theo Ahn,<br>Brendan Seo                               | Maggie Wood     | ARMSTRONG MIDDLE SCHOOL           |
| 10:30 am | 18047   | OK        | The Bubonic Plague: How a Geographical Frontier Led to Medical Expansion             | Paisley Stoelzing, Emily<br>Woodring                             | Patty Sanders   | Morrison Junior High              |
| 10:45 am | 18048   | IL        | The Assembly Line: A Frontier in Land Travel   | Ethan Regan, Henry<br>Pyskacek, Jake Saltarelli,<br>Tate Daniels | Kelly Figueroa  | Taft Academic Center              |
| 11:00 am | 18049   | ID        | Pioneers of the Plate: A New Frontier for Women in Sports                            | Addison Simmons, Anne<br>Madsen                                  | Sabrina Geiser  | Madison Junior High School        |
| 11:15 am | 18050   | ME        | The 19th Amendment: Paving the Way for Equality                                      | Irelyn Smith, Skye<br>Loring-Dymond                              | Jamie Karaffa   | Bruce M Whittier Middle<br>School |
| 11:30 am | 18051   | MN        | The Women's World Games: Expanding the Frontier of Equality for Women Through Sports | Frances Bull, Heidi Bull   | Jenny Monroe    | Sanford Middle School             |
| 11:45 am | 18052   | IA        | Mayo Clinic: Revolutionizing Medicine and Patient Care                               | Eli Sickles, Elijah Oetken,<br>John Higman                       | Val Philips     | Akron Westfield Middle<br>School  |



| Time     | Entry # | Affiliate | Title  | Students   | Teacher        | School                                  |
|----------|---------|-----------|--|--|----------------|---|
| 10:00 am | 18053   | MD        | Stonewall: Forging The Gay Rights Movement                                       | Eden Rankin, Jessalyn<br>Simmons                   | Amanda Wilburn | Northern Middle School                  |
| 10:15 am | 18054   | MI        | Cleopatra: A Menace to Her Predecessors  | Madison Kaimala, Mariam<br>Bebawi, Juliana Johnson | Tara Fugate    | Richards Middle School                  |
| 10:30 am | 18055   | WY        | "Honor Those Who Endured Hardships" Remembering the Past - Marking the Frontiers | Chaizley Williams, Andrea<br>Fox                   | MaryJo Birt    | Wheatland Middle School                 |
| 10:45 am | 18056   | LA        | Jazz's Frontiers in History  | Tyrick Jones, Tyson<br>Lawson, Tyson English       | Anna Keneda    | Southeast Middle School                 |
| 11:00 am | 18057   | СТ        | The Creation of the Internet   | Joseph Nigro, Alexander<br>Barry                   | Nancy Barlow   | Westside Middle School<br>Academy       |
| 11:15 am | 18058   | HI        | Title IX: Changing the Legal Frontier For Equality                               | Dari Cho, Emily Lee                                | Andrea Pratt   | Robert Louis Stevenson<br>Middle School |
| 11:30 am | 18059   | МО        | Edward Jenner: Father of the Vaccine and the Frontier of Immunization            | Quinn Harman, Ayodeji<br>Nilson, Jared Kassman     | Kathy Laffoon  | LIBERTY MIDDLE SCHOOL                   |
| 11:45 am | 18060   | OK        | Freedom 7: The Final Frontier  | Preston Foster, Bridger<br>Hursh                   | Penny Heath    | Canton Elementary School                |



| Time     | Entry # | Affiliate | Title   | Students   | Teacher                 | School                              |
|----------|---------|-----------|---|--|-------------------------|-------------------------------------|
| 10:00 am | 18061   | GA        | Braille: Benefits and Impact for the Sightless                        | Emma Jordan, Sheridan<br>Hudson  | DAVID MCELHANNON        | Westminster Schools of<br>Augusta   |
| 10:15 am | 18062   | NJ        | Hazel Hill: The 13-Year-Old Girl Who Defeated Hitler                  | Laura Gwozdziewska,<br>Parnika Agarwal, Jocelyn<br>Hanna, Isabella Zuppa | Alicja Dolecka          | NICHOLAS ORESKO<br>COMMUNITY SCHOOL |
| 10:30 am | 18063   | WY        | Temple Grandin  | Juan Garcia-Padilla, Sy<br>Schlattmann                                   | Michelle Stebner        | Greybull Middle School              |
| 10:45 am | 18064   | AS        | The Infinity and Beyond: The Launching of the Hubble Space Telescope  | Alyssa Diala, Meehkiyon<br>Bae, Micah Vaofanua                           | Gabrielle Langkilde     | St. Theresa                         |
| 11:00 am | 18065   | КО        | Park Chung Hee's 5 Year Plans: New Frontiers of South Korea           | Roy Yoo, Evan Yoo  | Jenny Park              | CMIS Canada                         |
| 11:15 am | 18066   | TX        | The Light in the Darkness: The Frontier of Electrifying Rural America | Eddie Turk, Harper<br>Armstrong, Luisa<br>Perez-Montes                   | Kristina Miller         | LIVINGSTON J H                      |
| 11:30 am | 18067   | ME        | "Juden Haben Waffen!": The ZOB's Unexpected Frontier                  | Claire Larson, Sarah Weisz   | Katie Cassesse          | Greely Middle School                |
| 11:45 am | 18068   | LA        | Crossing Frontiers to Honor   | Heylin Martinez, Yanina<br>Pineda, Kelshany Jarquin,<br>Kimberly Jarquin | ESTHER<br>PEREZ-ZEMMELS | Tom Benson School                   |



| Time     | Entry # | Affiliate | Title   | Students                                  | Teacher          | School                                   |
|----------|---------|-----------|---|---|------------------|--|
| 10:00 am | 18069   | KS        | Operation Argus: Frontier to the Nuclear Age  | James Lewis, Bailey Smith                 | Angie Gumm       | St. Mary Parish Catholic<br>School       |
| 10:15 am | 18070   | CA        | Making the American Experience Visible: How Amy Tan's Frontier Allowed Chinese-Americans Positive Representation in Western Media | Zixuan Cui, Yongjing Li,<br>Isabelle Yang | Lianne Linck     | Sierra Vista Middle School               |
| 10:30 am | 18071   | WI        | WHOSE PROMISED LAND? The Oklahoma Land Run  | Joa Solis, Colin More<br>O'Ferrall        | Chuck Taft       | University School Of<br>Milwaukee        |
| 10:45 am | 18072   | GA        | The Space Race Arbiter: Greenville's Slater Mill  | Zoey Jones, Jacob Mckeen                  | DAVID MCELHANNON | Westminster Schools of<br>Augusta        |
| 11:00 am | 18073   | PA        | Silent Spring: A New Frontier in American<br>Environmentalism   | Rohan Yanala, Eklavya Rai                 | Joshua Abrams    | Springhouse MS                           |
| 11:15 am | 18074   | NC        | California or Bust: How one 3,000 mile frontier journey across the United States resulted in a National Highway System            | Ryan Malt, Ezra Kushigian                 | Eliza Hardin     | Classical Scholars                       |
| 11:30 am | 18075   | MO        | Frontiers: Alec Jeffreys, Fingerprints, & Forensics   | Kimmi Kohrs, Ellie Jackson                | Cody Lee         | EAST BUCHANAN MIDDLE                     |
| 11:45 am | 18076   | DC        | Belles of Baseball: The All-American Girls<br>Professional Baseball League  | Evelyn Webster, Maya<br>Smith             | Alexander Frail  | Stuart Hobson MS Capitol Hill<br>Cluster |



| Time     | Entry # | Affiliate | Title   | Students  | Teacher          | School                              |
|----------|---------|-----------|---|---|------------------|-------------------------------------|
| 10:00 am | 18077   | NY        | Harvey Milk: The Political Pioneer  | Charles Park, Enzo DiTieri,<br>Eric Jeon                        | Cantwell Theresa | JERICHO MIDDLE SCHOOL               |
| 10:15 am | 18078   | MD        | The Brothers Grimm: Paving A Frontier In the Preservation of Culture and Literature         | Faith Adewole, Winter<br>Swann, Saxen Lancaster                 | Irene Prescott   | Kenmoor Middle School               |
| 10:30 am | 18079   | ID        | A Forgotten Awakening: The Chicano Movement and How It Changed Chicano's Pride and Identity | Minkyu Jo, James Wyatt  | Stephanie Catz   | Riverstone International School     |
| 10:45 am | 18080   | NV        | Shooting Down Racism: The Tuskegee Airmen   | Eero Foliente, Chris<br>Trueblood, Devan Tichenor               | Lisa Larson      | Doral Academy of Northern<br>Nevada |
| 11:00 am | 18081   | IA        | Hubble Telescope: Viewing the Space Frontier  | Teygan Schram, Cass<br>Moffatt, Coen Rolfes                     | Val Philips      | Akron Westfield Middle<br>School    |
| 11:15 am | 18082   | VT        | Highway History and Development   | Abigail Gil, Lillian Fitch,<br>Hazel Nava, James Ashley<br>Carr | Daniel Maguire   | Main Street Middle School           |
| 11:30 am | 18083   | WA        | A New Era: The Birth of the Bomb  | Karan Khanolkar, Paul<br>Denton, Varun Patankar, JD<br>Kim      | Marcy Martin     | Kamiakin Middle School              |
| 11:45 am | 18084   | NM        | Pan Am: Frontiers in Aviation   | Grace McWilliams,<br>Genevieve Petersen                         | Andrea Fear      | HEIGHTS MIDDLE SCHOOL               |



| Time     | Entry # | Affiliate | Title  | Students         | Teacher                  | School                                   |
|----------|---------|-----------|--|------------------|--------------------------|--|
| 10:00 am | 11001   | NJ        | Nikola Tesla: The Genius Who Electrified the World                     | Maansha Syal     | Wendy<br>Hurwitz-Kushner | Woodrow Wilson Middle<br>School          |
| 10:20 am | 11002   | KY        | Stopwatch-ing Us: The Efficiency Frontier                              | Jack Gill        | Stephanie Adams          | Winburn Middle School                    |
| 10:40 am | 11003   | MA        | I Want My MTV: New Frontiers in Music                                  | Zachary Titus    | Barbara Sturtevant       | Marshall Simonds Middle                  |
| 11:00 am | 11004   | ME        | The Lewis and Clark Expedition: A Frontier in History                  | Cora Sedenka     | Jessica Kelly            | Scarborough Middle School                |
| 11:20 am | 11005   | NH        | Dr. Mary Edwards Walker: Women's Rights Activist and Civil War Surgeon | Maggie McAuliffe | Mikaela Gauvain          | David R. Cawley Middle<br>School         |
| 11:40 am | 11006   | МО        | From Swampeast to Southeast: Draining the Southeast Missouri Frontier  | Allison Arnold   | Paul Arnold              | RICHLAND HIGH                            |
| 1:00 pm  | 11007   | MD        | Jackie Robinson: From Cairo to Cooperstown                             | Lucy Scarbro     | Philip Casolo            | Old Mill Middle South                    |
| 1:20 pm  | 11008   | DC        | John Coltrane: A Pioneer who Crossed Frontiers in Music                | Mossi Tull, Jr.  | Alexander Frail          | Stuart Hobson MS Capitol Hill<br>Cluster |
| 1:40 pm  | 11009   | TN        | Listen, World: How Elsie Robinson Changed<br>American Newspapers       | Elayna Weintz    | Ryan Durfee              | Mid-South Gifted Academy                 |
| 2:00 pm  | 11010   | VT        | Stonewall Riots  | Tarin Askew      | Korie Born               | Harwood Union Middle School              |



| Time     | Entry # | Affiliate | Title   | Students          | Teacher          | School                                 |
|----------|---------|-----------|---|-------------------|------------------|--|
| 10:00 am | 11011   | OR        | Jullie Dash: Forges New Frontiers in Filmmaking   | Eimear Erickson   | Patrick O'Brien  | Seven Peaks School                     |
| 10:20 am | 11012   | NM        | Danny Villanueva: A Pioneer in Hispanic Culture and American Leadership                                       | Alivia Villanueva | Morgan Harding   | Mesilla Valley Leadership<br>Academy   |
| 10:40 am | 11013   | OK        | Cold War's Race to Space: The Power of One Upmanship  | Declan Amsler     | Pam Brown        | All Saints Catholic School             |
| 11:00 am | 11014   | МО        | Love Isn't Black or White: Loving v. Virginia   | Amelya Clayton    | Paul Arnold      | RICHLAND HIGH                          |
| 11:20 am | 11015   | FL        | No Bacteria, No Disease, No Problem, Saving Lives in Hospitals with Sterilization: The Ideas of Joseph Lister | Jacob Juan        | Monica Dutzar    | WILLIAMS MIDDLE MAGNET<br>SCHOOL       |
| 11:40 am | 11016   | TN        | Ada Lois Sipuel Fisher: How She Crossed the Frontiers of Racism and Segregation                               | David Miranda     | Ryan Durfee      | Mid-South Gifted Academy               |
| 1:00 pm  | 11017   | AZ        | Vietnam: The Television War, New Frontiers in Media Coverage  | Thanvi Voruganti  | Stacey Trepanier | Arizona College Prep Erie<br>Campus    |
| 1:20 pm  | 11018   | SD        | Ruby Bridges: How One Six-Year-Old Became a Frontier in History   | Sara Newitt       | Holly Matzen     | Memorial Middle School,<br>Sioux Falls |
| 1:40 pm  | 11019   | UT        | Snow White: The Princess That Changed the World   | Ruby Woodbury     | James Romrell    | Lakeridge Junior High                  |
| 2:00 pm  | 11020   | ОН        | The Pure Food and Drug Act of 1906: Exploring the Lawless Frontier of Food and Drug Regulation                | Joshua Gordon     | Connie Miller    | Birchwood School of Hawken             |



| Time     | Entry # | Affiliate | Title  | Students            | Teacher          | School                                     |
|----------|---------|-----------|--|---------------------|------------------|--|
| 10:00 am | 11021   | DC        | The Great Obfuscation: Fossil Fuel Companies Climate Coverup               | Siddharth Kravetz   | Alexander Frail  | Stuart Hobson MS Capitol Hill<br>Cluster   |
| 10:20 am | 11022   | NY        | Pearl Kendrick, The Pioneering Researcher Who Ended a Deadly Plague        | Jay Patel           | Sarah Espinal    | JERICHO MIDDLE SCHOOL                      |
| 10:40 am | 11023   | OR        | Althea Gibson: Paving the Way for Social Equality in Sports                | Casey Hicks         | Patrick O'Brien  | Seven Peaks School                         |
| 11:00 am | 11024   | КО        | More Than the National Pastime: Baseball as a Frontier of American Culture | Chaehoon (Roy) Baek | Arthur Scibal    | Korea International School,<br>Jeju Campus |
| 11:20 am | 11025   | NM        | The Nuclear Frontier and Effects of the Manhattan Project                  | Alison Carruthers   | Rachel Johnson   | HOPE CHRISTIAN SCHOOL                      |
| 11:40 am | 11026   | TX        | Anna May Wong: The Toll of Stardom   | Abigail Xu          | Miriam Eaves     | CANYON RIDGE MIDDLE                        |
| 1:00 pm  | 11027   | KS        | Women in Power: Lakshmi Bai's Impact in Feminism                           | Shivani Hebsur      | Kate Sims        | Robinson Middle School                     |
| 1:20 pm  | 11028   | WA        | How Radio Crossed the Frontier into True Mass Broadcasting                 | Aiden Nielsen       | Wayan Morales    | Cedar Heights Middle School                |
| 1:40 pm  | 11029   | PA        | The 54th Massachusetts: Pride Over Prejudice and a New Frontier of Freedom | Julia Kilvady       | Ross Farmer      | Belle Vernon Area MS                       |
| 2:00 pm  | 11030   | AZ        | Taking it One Paw At a Time  | Raven Burrell       | Stacey Trepanier | New Vistas Center for<br>Education         |



**Building: CCC** Room: 1105

| Time     | Entry # | Affiliate | Title   | Students           | Teacher                 | School                             |
|----------|---------|-----------|---|--------------------|-------------------------|------------------------------------|
| 10:00 am | 11031   | KS        | The All American Girls Professional Baseball<br>League: A Frontier for Women on the Field and in<br>Society   | Avery Whitaker     | Taylor Bussinger        | Prairie Trail Middle School        |
| 10:20 am | 11032   | IL        | Samuel Eberly Gross: Crossing Frontiers In Working-Class Homeownership and American Suburbanization.  | Nishant Narayanan  | Drew Shilhanek          | Quest Academy                      |
| 10:40 am | 11033   | GA        | The Harriman Expedition Through the Alaskan Frontier  | Mitchell Flater    | Matthew Cook            | General Ray Davis Middle<br>School |
| 11:00 am | 11034   | OK        | The Clash of Cultures   | Jackson Mulcahy    | Jennifer Anthony        | Centennial Middle School           |
| 11:20 am | 11035   | IA        | The Burning River: How the Cuyahoga River Fires Fueled the Creation of the Environmental Protection Agency and Advanced the Frontier of Environmental Justice | Lucy Wolf          | Emily Pendleton         | Bettendorf Middle School           |
| 11:40 am | 11036   | MN        | Sponging: A New Frontier In Tarpon Springs  | Patrick Tennison   | Carrie Newman           | Murray Middle School               |
| 1:00 pm  | 11037   | LA        | A New Frontier: Spread Your Wings and Take Flight   | Jose Trinidad      | ESTHER<br>PEREZ-ZEMMELS | Tom Benson School                  |
| 1:20 pm  | 11038   | CA        | Germ Theory: How an Idea Revolutionized the Medical Field   | Mahima Wuppalapati | Jonathan Millers        | Beacon Park K-8 School             |
| 1:40 pm  | 11039   | WI        | Jane Goodall: Redefining Mankind  | Arianna Andersen   | Luke Stachovak          | D.C. Everest Idea School           |



Building: CCC Room: 1111

| Time     | Entry # | Affiliate | Title  | Students          | Teacher           | School                    |
|----------|---------|-----------|--|-------------------|-------------------|---------------------------|
| 10:00 am | 11040   | MD        | Working Women: The Impact of WWII on Gender Equality   | Jenna Campbell    | Beth Ceglia       | Clarksville Middle School |
| 10:20 am | 11041   | WI        | Blues: The Frontier of American Music  | Dhyana Vinoth     | Michelle Uebele   | Eagle School              |
| 10:40 am | 11042   | PA        | Dream Team: Crossing an Olympic Frontier   | Jennings Bell     | Brian Blair       | Lenape MS                 |
| 11:00 am | 11043   | DE        | Apollo 11 and the Frontier of the Moon   | Nico Mucchetti    | Tiffany Domingues | Sanford School            |
| 11:20 am | 11044   | NC        | Carrier Pigeons: A Frontier in Communication   | Abigail Ulmer     | Nicole Osborne    | Cane Creek Middle         |
| 11:40 am | 11045   | VA        | Anna May Wong: Expanding the Frontier for Asian Americans on the Big Screen                      | Lillian Xu        | Jill Shull        | Haycock Elementary        |
| 1:00 pm  | 11046   | CO        | Distortion At Its Core: Nazi Radio Propaganda  | Alivia Nicodemus  | Tina Sleigh       | East Middle School        |
| 1:20 pm  | 11047   | IL        | "¡S? Se Puede!" How the United Farm Workers<br>Grape Boycott Broke Barriers for Social Movements | Avani Nandi       | Jessica Majors    | Catherine Cook School     |
| 1:40 pm  | 11048   | GA        | America's First Congresswoman: Jeannette Rankin  | Penelope Peterson | Zachary Barfield  | Ola Middle School         |



Building: CCC Room: 1115

| Time     | Entry # | Affiliate | Title   | Students         | Teacher                    | School                            |
|----------|---------|-----------|---|------------------|----------------------------|-----------------------------------|
| 10:00 am | 11049   | ID        | Peaceful Protesting that Changed the World:<br>Mahatma Gandhi   | Allison Chen     | Ingrid Jungen              | Highlands Elementary              |
| 10:20 am | 11050   | СТ        | Truth and Reconciliation Commission: The Transparent Solution   | Luke Kalke       | David Lee                  | Sedgwick Middle School            |
| 10:40 am | 11051   | SD        | Harley Davidson: The Company That Changed the World of Motorcycles  | Blaise Lei       | Tonja Montgomery<br>Hansen | Harding County Middle School - 03 |
| 11:00 am | 11052   | RI        | NASA's Hidden Figure: Katherine Johnson   | Skylar Murga     | Nancy Moreira              | St. Peter School                  |
| 11:20 am | 11053   | ME        | On Top of the World: The Frontiers Faced by Matthew Henson and Robert Peary in their Quest for the North Pole | David Gilbert    | Katie Cassesse             | Greely Middle School              |
| 11:40 am | 11054   | NC        | Irena Sendler: The Woman Who Jumped In  | Olivia Caldwell  | Stephanie Bennett          | Imagine Bilingual                 |
| 1:00 pm  | 11055   | MI        | The Stonewall That Didn't Fall  | Cadence Phillips | Julie Sheppard             | Baseline Middle School            |
| 1:20 pm  | 11056   | ОН        | Then and Now: John Snow and the Frontier of Epidemiology  | Joshua Thomas    | Connie Miller              | Birchwood School of Hawken        |
| 1:40 pm  | 11057   | AR        | Eunice Kennedy Shriver: The Leading Pioneer in the Frontier of Inclusion through the Special Olympics         | Makenna Bedogne  | Darren Vaughn              | CENTRAL JUNIOR HIGH<br>SCHOOL     |



| Time     | Entry # | Affiliate | Title  | Students             | Teacher           | School                                    |
|----------|---------|-----------|--|----------------------|-------------------|---|
| 10:00 am | 11058   | WY        | Trailblazer of the Medical Frontier: Susan La Flesche Picotte                  | Iris Woltman         | Stacey Polson     | Lander Middle School                      |
| 10:20 am | 11059   | MN        | The Development of the Mountain Bike   | Jackson Tripp        | Ron Hustvedt      | Salk STEM Middle School                   |
| 10:40 am | 11060   | TX        | Fritz Harber: The Good, The Bad, The Ugly                                      | Gautham Venkataraman | Lawrence Duvernay | QUAIL VALLEY MIDDLE                       |
| 11:00 am | 11061   | SC        | The Langston Blues   | Camryn Carr          | Amanda Hall       | Forestbrook Middle                        |
| 11:20 am | 11062   | LA        | Nintendo: A Leader of the Video Game Frontier                                  | Kyler Johnston       | Anna Keneda       | Southeast Middle School                   |
| 11:40 am | 11063   | DE        | United States Institute of Peace   | Anna Winnington      | Andrew Bedell     | Cab Calloway School Of The<br>Arts        |
| 1:00 pm  | 11064   | CA        | Penicillin: The Cure That Saved 3/4 Of Humanity<br>And May Also Spell Its Doom | Lauren Ho            | Brandon Smith     | Corona Fundamental<br>Intermediate School |
| 1:20 pm  | 11065   | MA        | A Forgotten Legacy: The Chinese Transcontinental Railroad Workers              | Yiyan Shen           | Jason Levy        | Ottoson Middle                            |
| 1:40 pm  | 11066   | NY        | Julia Child: A Revolutionary in Pearls   | Ava Hutman           | Edith Koslowe     | Manhattan Day School                      |



| Time     | Entry # | Affiliate | Title   | Students           | Teacher                 | School                              |
|----------|---------|-----------|---|--------------------|-------------------------|-------------------------------------|
| 10:00 am | 11067   | WY        | Boldly Going Where No Man Has Gone Before:<br>Frontiers Forged by George Takei      | Alex Wise          | Stacey Polson           | Lander Middle School                |
| 10:20 am | 11068   | VA        | Women's Suffrage and 19th Amendment   | Marley Tenia       | Pam Rockenbach<br>Plahs | Swift Creek Middle                  |
| 10:40 am | 11069   | SC        | Obergefell v. Hodges: A Case That Changed Lives                                     | Delaney Savitz     | Timothy Hicks           | Dent Middle                         |
| 11:00 am | 11070   | AK        | Hopping Continents: How the Jet Engine Revolutionized Aviation                      | Jackson Sartorello | Adam Johnson            | Romig Middle School                 |
| 11:20 am | 11071   | RI        | From the World War to the World Screen: How WWI Shaped the Horror Industry          | Avery Roy          | julie connors-costell   | Winman Junior High School           |
| 11:40 am | 11072   | MI        | Sophia Bethena Jones: A Diplomat for Her Culture While Treating Illnesses           | Brianna Perry      | Carl Lowe               | Adams Middle School                 |
| 1:00 pm  | 11073   | AL        | Red Coal  | Zander Snyman      | Blakeney Doggette       | Phillips Preparatory Middle Sch     |
| 1:20 pm  | 11074   | INT       | Combating Racial Discrimination Barriers: Althea Gibson Crosses the Colour Frontier | Aditi Chakravarti  | MatthewD Elms           | Singapore American School           |
| 1:40 pm  | 11075   | NV        | The Evolution of the Internet   | Haylee Kiggins     | Lisa Larson             | Doral Academy of Northern<br>Nevada |



| Time     | Entry # | Affiliate | Title  | Students            | Teacher            | School  |
|----------|---------|-----------|--|---------------------|--------------------|---|
| 10:00 am | 11076   | HI        | Billie Jean King: How She Leveled the Playing Field for Female Tennis Players  | Lainey Garcia       | Aimee Takaki       | Myron B. Thompson Academy - A New Century PCS |
| 10:20 am | 11077   | IA        | Lights Out! Revolutionizing Consumerism Through Planned Obsolescence   | Ishika Motwani      | Emily Pendleton    | Bettendorf Middle School                      |
| 10:40 am | 11078   | KY        | Frontier of The Internet   | Locke Hargis        | Billy Spalding     | Francis Parker School of Louisville           |
| 11:00 am | 11079   | VA        | The White Rose Movement: Expanding the Frontiers of Peaceful Resistance  | Alina Shah Mohammed | Jill Shull         | Haycock Elementary                            |
| 11:20 am | 11080   | NE        | Federal Aid Highway Act of 1956: Changing the Face of America  | Garrett Main        | Lynn Behounek      | Ralston Middle School                         |
| 11:40 am | 11081   | AL        | Settling the Steppe: The Story of the Zaporozhian Cossacks   | Tyler Macon         | Blakeney Doggette  | Phillips Preparatory Middle<br>Sch            |
| 1:00 pm  | 11082   | VT        | The Automobile in Vermont  | Gideon Kass         | Melissa Piscitelli | Main Street Middle School                     |
| 1:20 pm  | 11083   | IN        | The Radium Girls   | Navya Ramanujan     | Tanner Givens      | Discovery Middle School                       |
| 1:40 pm  | 11084   | INT       | The Papunya Tula Art Movement: Crossing the Frontier from Ephemeral Indigenous Australian Art to Cultural Preservation | Maia Lim Laurie     | MatthewD Elms      | Singapore American School                     |



**Building: SSU** Room: Thurgood Marshall

| Time     | Entry # | Affiliate | Title  | Students         | Teacher         | School                           |
|----------|---------|-----------|--|------------------|-----------------|----------------------------------|
| 10:00 am | 11085   | NJ        | Mic Drop: Frontier Crossing in Hip-Hop   | Janiyah Mallol   | Robert Tonnesen | Midtown Community School<br>#8   |
| 10:20 am | 11086   | СТ        | Hedy Lamarr: The Brains Behind The Beauty That<br>Revolutionized Frequency Cybernetics, Creating<br>The Basis For Most Modern Day Technologies | Rhea Doshi       | Richard Cavett  | Talcott Mountain Academy         |
| 10:40 am | 11087   | IN        | The Tuskegee Airmen: Shifting History with Bravery and Grit  | Leonardo Salerno | Allison Hayden  | Sycamore School                  |
| 11:00 am | 11088   | ID        | The Stonewall Riots: A Frontier in LGBTQ+ History  | Isabelle Leavitt | Jami McLing     | Praxium Mastery Academy          |
| 11:20 am | 11089   | СО        | Rosie the Riveter: Frontier for Women in the Workforce   | Allie White      | Nicki Roberts   | Connect Charter School           |
| 11:40 am | 11090   | WA        | The Panama Canal: Carving a Path Through the Frontier  | Oviya Raja       | Nicole Maleki   | Skyview Middle School            |
| 1:00 pm  | 11091   | FL        | Cochlear Implants: An Idea Worth Hearing   | Ritika Balwalli  | Michael Travis  | SANFORD MIDDLE SCHOOL            |
| 1:20 pm  | 11092   | AR        | Louise Thaden: One of the Great 99s  | Maliya Gurel     | Erin Valentine  | WASHINGTON JUNIOR HIGH<br>SCHOOL |
| 1:40 pm  | 11093   | UT        | ENIAC: How WWII Lauched the Digital Age  | Damon Westover   | Jeannette Black | Frontier Middle School           |



Building: Atrium Room: Group A

| Time     | Entry # | Affiliate | Title  | Students                | Teacher          | School                             |
|----------|---------|-----------|--|-------------------------|------------------|------------------------------------|
| 11:00 am | 15001   | AK        | The National Park Service  | Savannah Knowles        | Elaina Hveding   | Nicholas Begich Middle<br>School   |
| 11:15 am | 15002   | KY        | The Radium Girls: Illuminating the Path to a New Frontier                              | Ayaan Hasham            | Stephanie Adams  | Winburn Middle School              |
| 11:30 am | 15003   | MA        | Sputnik 1: The Beeps Heard Around The World  | Sebastian Guzman        | Jacob Devereaux  | Our Lady's Academy                 |
| 11:45 am | 15004   | WY        | WASP: A Frontier of Female Empowerment   | Alyssa Good             | Kelsey Brown     | Shoshoni Elementary School         |
| 1:00 pm  | 15005   | AZ        | Sesame Street: New Frontiers in Intellectual and Social Education                      | Andrew Glassmeyer       | Stacey Trepanier | New Vistas Center for<br>Education |
| 1:15 pm  | 15006   | LA        | The Divided States of America: Breaking Frontiers in Radical Reconstuction             | Kimoni Ajise            | Dustin Procell   | N.S.U. Middle Lab School           |
| 1:30 pm  | 15007   | CO        | The Triangle Shirtwaist Factory Fire: How an<br>American Tragedy Sparked New Frontiers | Celeste Bizzarro-Parkin | Jeff Sanders     | Southern Hills Middle School       |
| 1:45 pm  | 15008   | IL        | Lost at Sea: The Search for Longitude  | Hugo Richards           | Patricia Meegan  | Coonley Elem School                |
| 2:00 pm  | 15009   | TX        | National Association Opposed to Woman Suffrage   | Ava Flood               | Mary McNeil      | CEDAR BAYOU J H                    |
| 2:15 pm  | 15010   | ОН        | The Painful Discovery of Anesthesia  | Cambria Hudberg         | Deanna McDaniel  | Genoa Middle School                |



Building: Atrium Room: Group B

| Time     | Entry # | Affiliate | Title   | Students          | Teacher          | School                      |
|----------|---------|-----------|---|-------------------|------------------|-----------------------------|
| 11:00 am | 15011   | DE        | Ann Preston and the Women's Medical College of Pennsylvania   | Sara Lawrence     | Julia Matthews   | Wilmington Christian School |
| 11:15 am | 15012   | NC        | Ethel Traphagen: The Woman Who Pioneered Pants  | Clarissa Hamlin   | Audrey Hamlin    | Pineview Academy            |
| 11:30 am | 15013   | HI        | TEMPERANCE MOVEMENT: BREWED<br>WOMEN'S TASTE FOR A VALUED VOICE IN<br>AMERICA   | Kruze Lani        | Michael Hino     | Molokai Middle School       |
| 11:45 am | 15014   | NY        | You Press The Button And We Do The Rest: The<br>Eastman Kodak Company's Frontier In Bringing<br>Photography To The Masses | Emilia Teodorczuk | Christina Reidel | BRONXVILLE MIDDLE<br>SCHOOL |
| 1:00 pm  | 15015   | MD        | Lewis Hine: Child Labor Activist, Photographer, Inspiration   | Eve Tang          | Anne Schaefer    | Bonnie Branch Middle School |
| 1:15 pm  | 15016   | IA        | The Wright Flyer: How Two Brothers Turned the Sky into a Frontier of Human Enterprise                                     | Jackson Neighbor  | Kaitlin Burke    | Bettendorf Middle School    |
| 1:30 pm  | 15017   | КО        | Women Who Refused To Be Silenced: How the<br>Jeering Episode of 1869 Revolutionized Women's<br>Role in Medicine           | Nabin Won         | James Kowalski   | Seoul International School  |
| 1:45 pm  | 15018   | UT        | Forever Hold Your Peace: How Loving v Virginia Shaped Marriage in the United States                                       | Viviana Dowler    | James Romrell    | Lakeridge Junior High       |
| 2:00 pm  | 15019   | AK        | Elizabeth Peratrovich   | Mabel Nelson      | Adam Johnson     | Romig Middle School         |



Building: Atrium Room: Group C

| Time     | Entry # | Affiliate | Title   | Students             | Teacher         | School                                    |
|----------|---------|-----------|---|----------------------|-----------------|---|
| 11:00 am | 15020   | PA        | American Women's Medical Association: Forging Frontiers for Women in Medicine During WWI and Beyond | Julia Klein          | Mildred Cammisa | St. Mary Interparochial School            |
| 11:15 am | 15021   | WA        | The Penicillin Project  | Bryson Piper         | Emily Ovenell   | Royal Middle School                       |
| 11:30 am | 15022   | NJ        | Dr. Rebecca Davis Lee Crumpler: First<br>African-American Woman Physician                           | Hafeeza Ahmed        | Heather Rhodes  | Henry B. Whitehorne Middle<br>School      |
| 11:45 am | 15023   | TN        | One Man's Dream: Robert Hutchings Goddard and his Liquid-Fueled Rocket                              | Rafeif Abdelhalim    | Crystol May     | Northeast Middle School                   |
| 1:00 pm  | 15024   | СТ        | Love Canal: Setting a Precedent in Environmental Catastrophes and Advocacy                          | Emmett Smith         | Krista Brogle   | Ellington Middle School                   |
| 1:15 pm  | 15025   | IN        | The Calculations that Saved Britain   | Lauren Marie Arevalo | James Howard    | Discovery Middle School                   |
| 1:30 pm  | 15026   | OR        | An End to the White Gold of Africa: The Flawed Ivory Ban of 1989                                    | Marleigh Pikoos      | Amy McBride     | ACCESS Academy                            |
| 1:45 pm  | 15027   | VT        | Frontiers in Writing: Enheduanna, the World's First Poet  | Vivienne Audy        | Joshua Brooks   | Addison Northwest<br>Supervisory District |
| 2:00 pm  | 15028   | KO        | Charles Darwin, The Eyes Beyond Eden  | Hye In Lee           | Denise Lindsay  | St. Johnsbury Academy, Jeju               |



Building: Atrium Room: Group D

| Time     | Entry # | Affiliate | Title  | Students                  | Teacher         | School                              |
|----------|---------|-----------|--|---------------------------|-----------------|-------------------------------------|
| 11:00 am | 15029   | NC        | L'Anse Aux Meadow - First European Settlement in North America                   | Magali Murray             | Jerry Hensler   | Pine Springs Preparatory<br>Academy |
| 11:15 am | 15030   | OK        | Mary Edwards Walker: At the Cutting Edge of Women Surgeons                       | Emma Haken                | Patty Sanders   | Morrison Junior High                |
| 11:30 am | 15031   | OR        | The Power of HeLa  | Lauren Henry              | Patrick O'Brien | Seven Peaks School                  |
| 11:45 am | 15032   | МО        | Genocide Prevention: Raphael Lemkin's Frontier in Politics and International Law | Zain Rehman               | Lynn Schick     | PHELPS GIFTED CTR.                  |
| 1:00 pm  | 15033   | WI        | Ruth Bader Ginsburg: The Gender Equality Icon                                    | Louis LaBouve             | Ryan Redmond    | Lake Country Academy                |
| 1:15 pm  | 15034   | MI        | John Peter Zenger: The True Frontier Behind Freedom of the Press                 | Gertrude Hermann-Wilmarth | Melanie Crow    | Kazoo School                        |
| 1:30 pm  | 15035   | NE        | Stonewall Riots of 1969  | Vivian Golembiewski       | Cathy Kaus      | Chadron Middle School               |
| 1:45 pm  | 15036   | ME        | Claudette Colvin: The Girl Who Changed the World                                 | Zoe Jamison               | James Bilancia  | William S. Cohen School             |
| 2:00 pm  | 15037   | NH        | The Silk Road Frontier   | Rose Kelly                | Susan Connelly  | Hollis-Brookline Middle School      |



Building: Atrium Room: Group E

| Time     | Entry # | Affiliate | Title  | Students                | Teacher                   | School                               |
|----------|---------|-----------|--|-------------------------|---------------------------|--------------------------------------|
| 11:00 am | 15038   | ОН        | Sesame Street. Entertainment: The Education Frontier                   | Zachary Fuhrer          | Judith Darus              | St. Barnabas School                  |
| 11:15 am | 15039   | GA        | Amelia Earhart: Piloting a New Frontier in Aviation and Women's Rights | Penny Mayfield          | Sarah Meyer von<br>Bremen | St. Luke School                      |
| 11:30 am | 15040   | CA        | Marie Tharp: Redefining "Girl Talk"                                    | Julietta Hutt           | Lisabet Nepf              | Sierra Madre Middle School           |
| 11:45 am | 15041   | INT       | The Disc Record: A Revolution in Sound Recording                       | Grace Zhang             | MatthewD Elms             | Singapore American School            |
| 1:00 pm  | 15042   | NM        | Adolf Hitler: A Pioneer Of Propaganda In The Media                     | Lilah Berkson           | Morgan Harding            | Mesilla Valley Leadership<br>Academy |
| 1:15 pm  | 15043   | MA        | Title IX: Giving Women a Chance to Thrive                              | Josefa Contreras        | Jacob Devereaux           | Our Lady's Academy                   |
| 1:30 pm  | 15044   | KY        | The Republic of Nassau: The Earliest Form of Organised Crime           | Ella Yung               | Jill Lonnemann            | St. Pius X School- Edgewood,<br>KY   |
| 1:45 pm  | 15045   | CT        | Noah Webster: A Revolutionary Polymath                                 | Sanchaya Vibranarayanan | Krista Brogle             | Crystal Lake School                  |
| 2:00 pm  | 15046   | ND        | The Importance Of Women's Rights                                       | Ghieanaliyah Ayuyu      | Alyssa Wagner             | Dickinson Middle School              |



Building: Atrium Room: Group F

| Time     | Entry # | Affiliate | Title  | Students      | Teacher           | School                             |
|----------|---------|-----------|--|---------------|-------------------|------------------------------------|
| 11:00 am | 15047   | СО        | Frontier in Protests: Henry David Thoreau's Idea of Civil Disobedience | Riva Linga    | Emily Rulli       | Platte River Academy               |
| 11:15 am | 15048   | NJ        | The Manhattan Project: The Women Behind the Boom                       | Sylvie Yao    | Gautham Akula     | Dwight-Englewood School            |
| 11:30 am | 15049   | ID        | Frontiers in the Wilderness: Establishing the National Park Service    | Sarah Lockey  | Michelle Balliett | Compass Public Charter<br>School   |
| 11:45 am | 15050   | AL        | How the Phoenicians Helped Shape the World Through Trade               | Kyla Barnett  | Jarrod Roberts    | Clark-Shaw Magnet School           |
| 1:00 pm  | 15051   | PA        | Seven Decades of HeLa Cells: A Frontier in Medical History             | Veda Gandhi   | Joshua Abrams     | Springhouse MS                     |
| 1:15 pm  | 15052   | KS        | HeLa Cells: A Medical Frontier in History                              | Tish Nguyen   | Molly Lavacek     | Robinson Middle School             |
| 1:30 pm  | 15053   | OK        | Amelia Earhart Taking Flight for Women's Right's                       | Savanna Cero  | Pam Brown         | All Saints Catholic School         |
| 1:45 pm  | 15054   | NE        | The Beeps that Built America   | Hunter Lackey | Wendi Buggi       | Lourdes Central Catholic<br>School |
| 2:00 pm  | 15055   | MI        | Representing the Unrepresented With a Voice in Literature              | Maddy Jones   | Carl Lowe         | Adams Middle School                |



Building: Atrium Room: Group G

| Time     | Entry # | Affiliate | Title   | Students          | Teacher              | School   |
|----------|---------|-----------|---|-------------------|----------------------|--|
| 11:00 am | 15056   | VA        | And No Birds Sing, Thus A Silent Spring   | Arabella Horton   | Heidi Mayo           | Harmony Middle   |
| 11:15 am | 15057   | LA        | Andrew J. Higgins: A Frontiersman   | Jude Shadden      | Stacey Rocha         | Belle Chasse Academy                                   |
| 11:30 am | 15058   | MD        | Forging A Frontier in Fabric: American Textiles   | Lydia Wilburn     | Amanda Wilburn       | Northern Middle School                                 |
| 11:45 am | 15059   | DC        | Motown Sound  | Dasia Moore       | Amy Macneil          | Stuart Hobson MS Capitol Hill<br>Cluster               |
| 1:00 pm  | 15060   | HI        | The Discovery of the Smallpox Vaccine: Crossing a Frontier in Immunology                        | Ya'el Moss        | Pualeilani Fernandez | Hilo Intermediate School                               |
| 1:15 pm  | 15061   | FL        | Kodak: Capturing Memories   | Maximus Callis    | Leslie Porges        | AMERICAN HERITAGE<br>SCHOOLS, BROWARD<br>COUNTY CAMPUS |
| 1:30 pm  | 15062   | AR        | Theodora the Great: A Byzantine Protector and the First Frontier of Women's Rights since AD 525 | Sophia Vitale     | Lisa Sabir           | PINNACLE VIEW MIDDLE SCHOOL                            |
| 1:45 pm  | 15063   | CA        | Neurodiversity: The Story of How a Woman and a Word Launched a New Frontier in Civil Rights     | Prahlika Hatti    | Kevin Duh            | South Pointe Middle School                             |
| 2:00 pm  | 15064   | МО        | Dr. Daniel Hale Williams: Pushing the Frontiers of Racial Equality in Medical History           | Janaija Kimbrough | Vanessa Kline        | JOHN B. LANGE MIDDLE                                   |



Building: Atrium Room: Group H

| Time     | Entry # | Affiliate | Title   | Students         | Teacher           | School                             |
|----------|---------|-----------|---|------------------|-------------------|------------------------------------|
| 11:00 am | 15065   | WI        | Dorothea Dix: Frontier in Perspectives and Treatments of the Mentally III                                 | Avery Schmitt    | Dayce McAndrews   | Holmen Middle School               |
| 11:15 am | 15066   | GA        | Chet Fuller: The Unknown Story of a Black<br>Journalist   | Sienna Sommer    | Matthew Cook      | General Ray Davis Middle<br>School |
| 11:30 am | 15067   | AL        | Mexico and the Fight for a Better Life  | Mia Kastor       | Blakeney Doggette | Phillips Preparatory Middle<br>Sch |
| 11:45 am | 15068   | IA        | Valentina Tereshkova; Frontier in Female<br>Cosmonautics  | Jayden Lundtvedt | Wes Knaack        | Decorah Middle School              |
| 1:00 pm  | 15069   | RI        | The Lincoln Highway: Inspiring the Interstate<br>System and Creating the Great American Road Trip         | Grayson Edge     | Carolyn Mellors   | Narragansett Pier School           |
| 1:15 pm  | 15070   | INT       | All-American Girls Professional Baseball League: A New Frontier For Women to Kick Grass!                  | Greta Booth      | MatthewD Elms     | Singapore American School          |
| 1:30 pm  | 15071   | NH        | Christa McAuliffe: The Teacher Who Touched the Future   | Liam Burr        | Kristin Brown     | Crescent Lake School               |
| 1:45 pm  | 15072   | NY        | Equal Opportunities by Mail: How the Sears,<br>Roebuck Catalog Crossed Frontiers in the<br>Consumer World | Emerson Dennis   | Christina Reidel  | BRONXVILLE MIDDLE<br>SCHOOL        |
| 2:00 pm  | 15073   | IL        | Riverview! On the Frontier of Fun!  | Vanessa Rios     | Eric Haak         | Edwards Elem School                |



Building: Atrium Room: Group I

| Time     | Entry # | Affiliate | Title   | Students        | Teacher               | School                          |
|----------|---------|-----------|---|-----------------|-----------------------|---------------------------------|
| 11:00 am | 15074   | MN        | Negotiating the Southern Frontier: The Antarctic Treaty's Significance  | Sam Edson       | Ron Hustvedt          | Salk STEM Middle School         |
| 11:15 am | 15075   | FL        | "Eppur si muove"-"And yet, it moves."   | Ava LeCuyer     | Andrew Adams          | OKALOOSA STEMM<br>CENTER        |
| 11:30 am | 15076   | AR        | Froebel: The Kindergarten Frontier  | Kesler Frost    | Aimee Mimms           | RUSSELLVILLE JR. HIGH<br>SCHOOL |
| 11:45 am | 15077   | TX        | Judge Reynaldo Garza: First Hispanic Federal<br>Judge   | Jorge Hernandez | Miguel Treviño        | STELL MIDDLE                    |
| 1:00 pm  | 15078   | TN        | Bioethics: Expanding the Frontier of Human Rights & Healthcare  | Isabella Malone | REBECCA BYRD          | New Center Elementary           |
| 1:15 pm  | 15079   | RI        | Elizabeth Blackwell: How One Women Changed the World  | Julia Myers     | julie connors-costell | Winman Junior High School       |
| 1:30 pm  | 15080   | DC        | The Equal Pay Act Of 1963   | Blake Gillespie | Andrew Grover         | Hardy MS                        |
| 1:45 pm  | 15081   | UT        | The Final Frontier: How Abraham Lincoln, Elmer<br>Ellsworth, and the Innovation of Embalming<br>Transformed Body Preservation | Thomas Fowler   | James Romrell         | Lakeridge Junior High           |
| 2:00 pm  | 15082   | VA        | Samuel Tucker's 1939 Alexandria Library Sit-in  | Sophie Whelan   | Melinda Snow          | George Washington Middle        |



**Building: Atrium Room: Group J** 

| Time     | Entry # | Affiliate | Title  | Students          | Teacher                    | Schoo                               |
|----------|---------|-----------|--|-------------------|----------------------------|-------------------------------------|
| 11:00 am | 15083   | WA        | HMS Challenger   | Caylee Guerrero   | Emily Ovenell              | Royal Middle School                 |
| 11:15 am | 15084   | NM        | Madame CJ Walker: A Pioneer in Black Excellence                          | Chidinma Nwachuku | Dayna Jones                | LA PLATA MIDDLE                     |
| 11:30 am | 15085   | IN        | Soaring Into New Frontiers   | Abi Schalliol     | Brian Zbrzezny             | John J Young Middle School          |
| 11:45 am | 15086   | WY        | Temple Grandin: Forging New Frontiers in the Cattle Industry             | Cadence Hamilton  | Casey Swift                | Lander Middle School                |
| 1:00 pm  | 15087   | ID        | The Galactic Travel That Went "Where No Man Has Gone Before" — Star Trek | Alison Pitman     | Michelle Balliett          | Compass Public Charte<br>Schoo      |
| 1:15 pm  | 15088   | SD        | New Lives in a New Frontier  | Brody Williams    | Tonja Montgomery<br>Hansen | Harding County Middle Schoo<br>- 03 |
| 1:30 pm  | 15089   | NV        | "Navy Dolphins?"   | Mia Morgan        | Lisa Larson                | Doral Academy of Northern<br>Nevada |
| 1:45 pm  | 15090   | AZ        | From The Madhouse  | Dorothy Zhou      | Stacey Trepanier           | New Vistas Center fo<br>Education   |
| 2:00 pm  | 15091   | MN        | Bib 261: Forging a Frontier For Women In Running                         | Zoey Dahl         | Jenny Monroe               | Sanford Middle School               |
| 2:15 pm  | 15092   | MS        | Charley Pride: Pioneer of Racial Diversity in Country Music              | Will Hicks        | Kaleb Rogers               | Sacred Heart Middle School          |



| Time     | Entry # | Affiliate | Title  | Students            | Teacher                    | School                               |
|----------|---------|-----------|--|---------------------|----------------------------|--------------------------------------|
| 10:00 am | 13001   | AR        | How Women Rode Bikes Over Fashion Frontiers in The Early 1900's              | Keily Diaz          | Delene McCoy               | BERRYVILLE MIDDLE<br>SCHOOL          |
| 10:20 am | 13002   | SD        | Frontier in Literature: Laura Ingalls Wilder                                 | Emerson Lyons       | Tonja Montgomery<br>Hansen | Harding County Middle School<br>- 03 |
| 10:40 am | 13003   | TX        | Alexander Fleming and the Discovery of Penicillin                            | Dalinda Hernandez   | Yvonne Alfaro              | STILLMAN MIDDLE                      |
| 11:00 am | 13004   | KS        | Behind Enemy Lines   | Ella Conran         | Lindsey Dowell             | Washburn Rural Middle<br>School      |
| 11:20 am | 13005   | NM        | Galileo Galilei: Understanding the Universe                                  | Julia "Grace" Hibbs | Sue Gravina                | ALICE KING COMMUNITY SCHOOL          |
| 11:40 am | 13006   | SC        | Clara Barton: Angel of the Battlefield and Founder of the American Red Cross | Macy Monczynski     | Paul Johnson               | Dutchman Creek Middle                |
| 1:00 pm  | 13007   | ОН        | The Frontier of Women Investigative Reporters: Nellie Bly                    | Juliana Sacco       | Jessica Wilcox             | Menlo Park Academy                   |
| 1:20 pm  | 13008   | NY        | Margaret Sange: Trailblazer of Birth Control                                 | Cristi Kim          | Danielle Yanik Capo        | PAIDEIA SCHOOL 15                    |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher                   | School                          |
|----------|---------|-----------|--|-------------------|---------------------------|---------------------------------|
| 10:00 am | 13009   | CO        | Hours to Minutes: The Microwave Oven   | Gordon Robinson   | Brandon Stanfield         | East Middle School              |
| 10:20 am | 13010   | MD        | The Reincarnation of Freudism: From Psychoanalysis to Psychotherapuetic Practices                                | Ashlyn Pankow     | Daniel Stone              | Mayfield Woods Middle<br>School |
| 10:40 am | 13011   | GA        | Female Espionage in WWII: The Secret Frontier Behind Enemy Lines   | Julianna Lawrence | Sarah Meyer von<br>Bremen | St. Luke School                 |
| 11:00 am | 13012   | MO        | The Atomic Age   | Collin Sybert     | Brian Wiedmer             | NORTH ANDREW MIDDLE             |
| 11:20 am | 13013   | NE        | The Pony Express: Delivering a New Frontier to the American Frontier   | Brooklyn Guenther | Ginger Schieffer          | St. Rose of Lima School         |
| 11:40 am | 13014   | WI        | Rosie the Riveter: Crossing Into a New Frontier<br>Where Women Rolled Up Their Sleeves and Did the<br>Dirty Work | Sadie Smith       | Erin Patchak              | Bay View Middle School          |
| 1:00 pm  | 13015   | NJ        | Oh, I Changed the Word: Motown Records' Impact   | Asha Harker       | Gautham Akula             | Dwight-Englewood School         |
| 1:20 pm  | 13016   | ID        | History's King of Rock and Roll: Elvis Presley   | Ella Schneider    | Sonnet Gunter             | Eagle Middle School             |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher          | School                                      |
|----------|---------|-----------|--|-----------------|------------------|---|
| 10:00 am | 13017   | IA        | Striding Towards Justice: How the Nuremberg Trials Were a Frontier in International Law                                | Raegan Reicks   | Michele Wilson   | Harding Middle School                       |
| 10:20 am | 13018   | СО        | A Conference of Firsts and a Frontier in the Environmental Movement: The Stockholm Conference on the Human Environment | Salem Valdez    | John Hise        | Escalante Middle School                     |
| 10:40 am | 13019   | HI        | Justify: A tribute to Ruth Bader Ginsburg  | Zoe Douglas     | Jonathan Peralto | Waiakea Intermediate School                 |
| 11:00 am | 13020   | VA        | Make The Climb: How Humanity Conquered the Tallest Mountain on our Planet  | Dylan McQuain   | Ann Heaslip      | Blacksburg New School                       |
| 11:20 am | 13021   | NC        | The Lost Colony of Roanoke: A Disappearance on the North American Frontier   | Eska Garrison   | lan Canary-King  | ArtSpace Charter School                     |
| 11:40 am | 13022   | GA        | I Love Lucy and America Does Too   | Coralyne Durden | Zachary Barfield | Ola Middle School                           |
| 1:00 pm  | 13023   | MD        | The Woman who Dared: Lakshmibai  | Ishita Singh    | James Dempsey    | Dr. Martin Luther King Jr.<br>Middle School |
| 1:20 pm  | 13024   | KO        | Igor Stravinsky: A father of modern classical music  | Alvin Choi      | Arthur Scibal    | Korea International School,<br>Jeju Campus  |



| Time     | Entry # | Affiliate | Title   | Students      | Teacher            | School                                   |
|----------|---------|-----------|---|---------------|--------------------|--|
| 10:00 am | 13025   | UT        | Lucille's Legacy  | Aubrey Enger  | Julia Winslow      | Providence Hall Junior High              |
| 10:20 am | 13026   | WY        | Spies Like Us   | Emma Crowley  | MaryJo Birt        | Wheatland Middle School                  |
| 10:40 am | 13027   | SD        | Catherine Parr A Protestant Queen   | Jasmine Wyant | Danyelle Cleveland | Ben Reifel Middle School,<br>Sioux Falls |
| 11:00 am | 13028   | ID        | "Bully for You!" Theodore Roosevelt's Contribution to the American Frontier | Andrew Rail   | Sabrina Geiser     | Madison Junior High School               |
| 11:20 am | 13029   | NE        | Arbor Day: Greener Frontier in Nebraska's Environment                       | Addilyn Doke  | Nichole Flynn      | Ainsworth Middle School                  |
| 11:40 am | 13030   | AR        | Technological Advances in Drone Warfare in the Post-9/11 Era                | Conner Willix | Leah Graveley      | LAKE HAMILTON JR. HIGH<br>SCHOOL         |
| 12:00 pm | 13031   | MI        | Diahann Carroll: The Lady Legend  | Xeniah Murray | Sharon Sullivan    | Stevenson Middle School                  |



**Building: Benjamin** Room: 1121

| Time     | Entry # | Affiliate | Title   | Students        | Teacher            | School                                    |
|----------|---------|-----------|---|-----------------|--------------------|---|
| 10:00 am | 13032   | MA        | Next Stop Tremont! The Historical Frontier of Boston's Subway.            | Alex Sturtevant | Barbara Sturtevant | North Andover Middle                      |
| 10:20 am | 13033   | CA        | Virginia Hall: Crossing Gender Frontiers in<br>Espionage and Intelligence | Ava George      | Brandon Smith      | Corona Fundamental<br>Intermediate School |
| 10:40 am | 13034   | IL        | Women's Suffrage Through the Eyes of Elizabeth Cady Stanton               | Molly Manhart   | Samantha LeBouef   | St. Mary Catholic School                  |
| 11:00 am | 13035   | RI        | Discovery of the Deep With The Ball That Changed It All                   | Eleanor Goff    | Samantha Hedden    | St. Philomena School                      |
| 11:20 am | 13036   | UT        | How RuPaul Dragged Drag Into the Limelight                                | Luke Giacoletto | Melissa Crandall   | Union Middle School                       |
| 11:40 am | 13037   | PA        | Bridging Continents: The Panama Canal's Path Towards Progress             | Margaux Leicht  | Mary Riisen        | St. Norbert School                        |
| 12:00 pm | 13038   | INT       | Josephine Baker: Fame to Hide Secret Frontiers                            | Sophie White    | MatthewD Elms      | Singapore American School                 |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher             | School                                       |
|----------|---------|-----------|--|-----------------|---------------------|--|
| 10:00 am | 13039   | MN        | Rachel Carson: A Frontier for the Environment  | Sofia Patronski | Carrie Newman       | Murray Middle School                         |
| 10:20 am | 13040   | NM        | The Pony Express: Riding Into A New Frontier   | Ruth Perkins    | Dayna Jones         | LA PLATA MIDDLE                              |
| 10:40 am | 13041   | FL        | The Frontier of Medicine: How the Groundbreaking Theories, Discoveries, and Techniques Used During the Civil War Changed the World | Elsee Cribbs    | Charndra Carias     | BONITA SPRINGS MIDDLE<br>CENTER FOR THE ARTS |
| 11:00 am | 13042   | DC        | This Life Shall Reign  | Kennedy Starke  | Amy Macneil         | Stuart Hobson MS Capitol Hill<br>Cluster     |
| 11:20 am | 13043   | KS        | Darwin's Life Through Letters  | Evie Henry      | Kate Sims           | Robinson Middle School                       |
| 11:40 am | 13044   | СТ        | Victoria Woodhull: The First Woman to Run for President  | Dorothy Kearney | Christopher Hurtgen | Pine Point School                            |
| 12:00 pm | 13045   | NC        | The Echo of Sappho   | Eloise Clark    | Erica Imbimbo       | Oakwood School                               |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher             | School                              |
|----------|---------|-----------|--|-------------------|---------------------|-------------------------------------|
| 10:00 am | 13046   | WA        | How Sputnik Paved the Way to the Space Race:<br>The Frontier That Boosted Space Exploration in<br>America        | Madison Smith     | Dean Smith          | Housel Middle School                |
| 10:20 am | 13047   | IL        | Ida B. Wells: The Most Influential Reporter There Was  | Payton Sawyer     | Kim Smolen          | Lenart Elem Regional Gifted<br>Ctr  |
| 10:40 am | 13048   | TN        | Katherine Johnson: The Hidden Figure that Pushed Frontiers for African-American Women in Science and Mathematics | Anadi Patel       | Liz Shugart         | Clayton-Bradley Academy             |
| 11:00 am | 13049   | ME        | History of Space   | Kyleigh Froehlich | Joseph Long         | Biddeford Middle School             |
| 11:20 am | 13050   | СТ        | The Janes: A Frontier for Women's Reproductive Healthcare  | Emma Frisbie      | Christopher Hurtgen | Pine Point School                   |
| 11:40 am | 13051   | AS        | The Birth of the Environmental Protection Agency (EPA)   | Graceson Ulu      | Sopaima Tavete      | Samoa Baptist Academy               |
| 12:00 pm | 13052   | CA        | The War of 1812: Frontiers of a Forgotten War  | Matthew Parr      | Robbie See          | William Mendenhall Middle<br>School |



| Time     | Entry # | Affiliate | Title  | Students             | Teacher            | School                             |
|----------|---------|-----------|--|----------------------|--------------------|------------------------------------|
| 10:00 am | 13053   | FL        | Advancing Anesthesia   | Mary Margaret Dorgan | Rosemarie Morris   | OKALOOSA STEMM<br>CENTER           |
| 10:20 am | 13054   | NJ        | The Lost Frontier of Mental Healthcare: Dorothea Dix   | Jasmine Marlow       | Michelle Marlow    | Village Homeschool Co-op           |
| 10:40 am | 13055   | MN        | Hedy Lamarr: Developing the Frontiers of Electrical Engineering and the Status of Women as Inventors | Emilyn Bosch         | Julie Amen         | Avail Academy (Edina)              |
| 11:00 am | 13056   | AZ        | Great Run of Mercy: The Medical Saviors on the Alaskan Frontier                                      | Emily Westberg       | Stacey Trepanier   | New Vistas Center for<br>Education |
| 11:20 am | 13057   | INT       | The Pecora Commission: A Revolutionary Frontier in Finance   | Rhianna Fisher       | MatthewD Elms      | Singapore American School          |
| 11:40 am | 13058   | МО        | Frontiers in History: The Lincoln-Douglas Debates  | Josie Renaud         | Wendy Blanton-Goss | STEAM Academy Middle<br>School     |
| 12:00 pm | 13059   | WA        | Culture and the Art of Linguistics: The Frontier of the Korean Written Language                      | Kaylin Moon          | Nicole Kesler      | Evergreen Middle School            |



| Time     | Entry # | Affiliate | Title  | Students         | Teacher              | School   |
|----------|---------|-----------|--|------------------|----------------------|--|
| 10:00 am | 13060   | IA        | Marie Curie: Frontiers in Radioactivity  | Eva Kriemelmeyer | Bonnie Johnson       | Decorah Community Schools<br>Home School Assistance<br>Program |
| 10:20 am | 13061   | WY        | Baseball: A Woman's Frontier   | Kennedy Brown    | Casey Swift          | Lander Middle School   |
| 10:40 am | 13062   | NY        | Susan Ahn Cuddy: The Pioneer who Broke the Glass Ceiling for Asian American Women in the Military                      | Sahana Sundar    | Konstantinos Kovoros | JERICHO MIDDLE SCHOOL  |
| 11:00 am | 13063   | TX        | Hitchcock: The Making of Psycho And The Frontier of Modern Hollywood Cinema  | Carson Cook      | Jan Martinez         | ODYSSEY ACADEMY - BAY<br>AREA                                  |
| 11:20 am | 13064   | TN        | Let the Memory Live Again: How Andrew Lloyd<br>Webber Forged a New Frontier in Musical Theatre in<br>the United States | Zee Carnes       | Elithe T. Carnes     | Disco Institute  |
| 11:40 am | 13065   | AZ        | Florence Nightingale: New Frontiers For Nursing  | Mia Llinas       | Stacey Trepanier     | New Vistas Center for<br>Education                             |
| 12:00 pm | 13066   | VT        | Cher Ami: A Pigeon on the Frontier of War  | Natalie Leonard  | Tyler Willis         | Lyndon Town School   |



Building: SSU Room: Juan Jimenez

| Time     | Entry # | Affiliate | Title  | Students             | Teacher           | School                      |
|----------|---------|-----------|--|----------------------|-------------------|-----------------------------|
| 10:00 am | 13067   | VA        | The Manhattan Project: How it Affected the Frontier of Women in Science  | Molly Hill           | Jill Shull        | Haycock Elementary          |
| 10:20 am | 13068   | ОН        | Lise Meitner: The Forsaken and Forgotten Pioneer of the Fission Frontier | Caroline Lu          | Connie Miller     | Birchwood School of Hawken  |
| 10:40 am | 13069   | MI        | Americanization: "Kill the Indian, Save the Man"                         | Hayden Washegesic    | Julie Sheppard    | Baseline Middle School      |
| 11:00 am | 13070   | HI        | Wearing the Pants "9to5": Expanding the Frontiers of Gender Equality     | Janay Fischer-Carter | Kacey Martin      | Aiea Intermediate School    |
| 11:20 am | 13071   | VT        | Sister Kenny Live and In Person  | Jane Schaefer        | Sarah Ibson       | Harwood Union Middle School |
| 11:40 am | 13072   | IN        | The Frontier of Electric Lights  | Kevin Gough          | Dylan Ringler     | Edgewood Middle School      |
| 12:00 pm | 13073   | PA        | Braille: The Frontier Made by Three that Changed Millions of Lives       | Reese Connor         | Joseph Echternach | Radnor MS                   |



### **Junior Individual Website Round 1**

| Time     | Entry # | Affiliate | Title   | Students             | Teacher                      | School                           |
|----------|---------|-----------|---|----------------------|------------------------------|----------------------------------|
| 10:00 am | 17001   | NJ        | Black Muslims: A Frontier of Islam in America                               | Muhammad Al-Zaman    | Rebecca<br>McLelland-Crawley | Community Middle School          |
| 10:15 am | 17002   | INT       | APOPO Rats: A New Frontier in Explosive Detection                           | Daniel Yang          | MatthewD Elms                | Singapore American School        |
| 10:30 am | 17003   | NH        | Food and Cooking During the Civil War                                       | Maxine Ryan-Jacobson | Mikaela Gauvain              | David R. Cawley Middle<br>School |
| 10:45 am | 17004   | MI        | Easing the Pain: Anesthesia Alleviates Agony                                | Isabella Causie      | Jan Klco                     | Whitehall Middle School          |
| 11:00 am | 17005   | VT        | Frontiers in History: The Manhattan Project                                 | William Clark        | Sarah Ibson                  | Harwood Union Middle School      |
| 11:15 am | 17006   | TX        | The North Atlantic Treaty Organization: Uniting as a New Frontier           | Anay Gupta           | Claude Garrison              | E F Green Junior School          |
| 11:30 am | 17007   | NM        | Rebecca Lee Crumpler  | Breann Ligon         | Drew Sedrel                  | ALICE KING COMMUNITY SCHOOL      |
| 11:45 am | 17008   | ОН        | Sputnik: Launching a New Frontier in Space                                  | Jonathan Samulak     | Connie Miller                | Birchwood School of Hawken       |
| 12:00 pm | 17009   | IN        | Twitter: The Empowerment of Equal Rights of<br>Journalism and Communication | Prudence Peng        | Allison Hayden               | Sycamore School                  |



**Building: Art/Sociology Room: 3219** 

| Time     | Entry # | Affiliate | Title  | Students         | Teacher           | School                                      |
|----------|---------|-----------|--|------------------|-------------------|---|
| 10:00 am | 17010   | IL        | Crying Wolf: Social Perceptions of Wolves and the Yellowstone Project as an Environmental Frontier               | Beatriz Whitford | Martha Elaine Cox | Skinner North Elem Sch                      |
| 10:15 am | 17011   | MN        | Loving v. Virginia: How a Supreme Court Case<br>Broke the Frontier of Marriage and Expanded<br>Marriage Equality | Aryanna Charles  | Huy Nguyen        | Sunrise Park Middle                         |
| 10:30 am | 17012   | SD        | Amelia Earhart: How the Female Aviator Crossed the Frontier of Women's Aviation                                  | Ema Smith        | Tanner DeLoy      | Patrick Henry Middle School,<br>Sioux Falls |
| 10:45 am | 17013   | INT       | A Case for Loving: A Frontier for Interracial Marriage   | Aadya Narayanan  | MatthewD Elms     | Singapore American School                   |
| 11:00 am | 17014   | HI        | Alexander Fleming: Pioneer and Father of Penicillin  | Samantha Aguiar  | Tina Smith        | Kailua Intermediate School                  |
| 11:15 am | 17015   | CO        | Hedy Lamarr: The Mother of Wi-Fi   | Mathangi Kurup   | Rachael Kessler   | Challenge School                            |
| 11:30 am | 17016   | KY        | Separation of Church and State: Crossing Frontiers by Keeping Religious Bias Out of the Courtroom                | Kinzley Barrett  | Sarah Robinson    | Farristown Middle School                    |
| 11:45 am | 17017   | NC        | The Secret Game: A Frontier in Basketball Integration  | Elliot Askins    | Erin Askins       | Hickory Grove Christian<br>School           |
| 12:00 pm | 17018   | WA        | Clara Schumann: Music History's Unsung Force   | lla Lu           | Nicole Kesler     | Evergreen Middle School                     |



Building: Art/Sociology Room: 3221

| Time     | Entry # | Affiliate | Title  | Students        | Teacher             | School                      |
|----------|---------|-----------|--|-----------------|---------------------|-----------------------------|
| 10:00 am | 17019   | AR        | Frontiers in History: The Antibiotic Era   | Sophia Sharp    | Delene McCoy        | BERRYVILLE MIDDLE<br>SCHOOL |
| 10:15 am | 17020   | IN        | The First Modern Battleship  | Owen Aukeman    | Dylan Ringler       | Edgewood Middle School      |
| 10:30 am | 17021   | WY        | Lewis and Clark Expedition   | Alexis Savage   | Alyson Kruger       | Upton Middle School         |
| 10:45 am | 17022   | UT        | The Stonewall Riots: Pride in History  | Kate Berger     | Cali Dansie Burgess | Timberline Middle School    |
| 11:00 am | 17023   | MN        | All the World Loves a Baby: How Sideshow Exhibits Forged a New Frontier in Neonatology | Keagan Corcoran | Alexandra Gross     | Nativity of Our Lord        |
| 11:15 am | 17024   | MA        | Apollo 11: A Giant Leap to the End of the Cold War                                     | Joseph Huang    | Lilly Huang         | Brookline - Heath School    |
| 11:30 am | 17025   | MO        | Title IX: Thirty-Seven Words That Changed History                                      | Mary Villhard   | Adam Meesey         | Holy Infant                 |
| 11:45 am | 17026   | NM        | Project Gemini: Bridge to the Moon   | Garrett Hollan  | Charlie Pflieger    | Immanuel Lutheran School    |



| Time     | Entry # | Affiliate | Title   | Students         | Teacher                  | School                            |
|----------|---------|-----------|---|------------------|--------------------------|-----------------------------------|
| 10:00 am | 17027   | WI        | A Foot In Each Door: The Alpha Suffrage Club and The Fight for Universal Suffrage                                   | Divya Rao        | Chuck Taft               | University School Of<br>Milwaukee |
| 10:15 am | 17028   | WA        | The Frontier To Save Native American Reservations: The Tulalip Tribe Casino   | Sanika Kabbur    | Craig Tupper             | Canyon Park Middle School         |
| 10:30 am | 17029   | MA        | The Bretton Woods Conference: The Conference that Saved the World's Economy and Created a Global Financial Frontier | Emma Daly        | Sean Perry               | Stoneham Central Middle<br>School |
| 10:45 am | 17030   | UT        | Mr. Rogers: A Pioneer in Emotional Education<br>Through Children's Television                                       | Christian Clarke | James Romrell            | Lakeridge Junior High             |
| 11:00 am | 17031   | ОН        | Frontiers in Leadership - Women as President:<br>Corazon Aquino   | Ariel Catacutan  | Jessica Wilcox           | Menlo Park Academy                |
| 11:15 am | 17032   | KY        | Mary Breckenridge and the Frontier Nursing Service  | Caroline Adkins  | Jeff Gentry              | Paducah Middle School             |
| 11:30 am | 17033   | PA        | The Mercury Project: Reaching a New Frontier  | Jordan Silver    | Joshua Abrams            | Springhouse MS                    |
| 11:45 am | 17034   | NJ        | Watergate: A Watershed Moment for Investigate<br>Journalism   | Harini Murali    | Wendy<br>Hurwitz-Kushner | Woodrow Wilson Middle<br>School   |



| Time     | Entry # | Affiliate | Title   | Students                | Teacher          | School                               |
|----------|---------|-----------|---|-------------------------|------------------|--------------------------------------|
| 10:00 am | 17035   | СТ        | Amateur Radio and How It Revolutionized Communication                                 | Jonah Frey              | Rob Rogers       | Coleytown Middle School              |
| 10:15 am | 17036   | IA        | Jane Bolin: Leading the Frontier for Equality in Law                                  | Naomi Kutz              | Wes Knaack       | Decorah Middle School                |
| 10:30 am | 17037   | NY        | Elizabeth Van Lew: The Pioneering Female Spy who Helped to Save the Union             | Zihan Wei               | Laura Suchopar   | JERICHO MIDDLE SCHOOL                |
| 10:45 am | 17038   | TX        | Nuclear Fission and the Atomic Bomb: How the Atomic Bomb Changed Warfare and Politics | Caleb Oban              | Andrew Brummett  | Austin Classical School              |
| 11:00 am | 17039   | AZ        | The Right to Remain Silent: Miranda v. Arizona, A New Frontier in Individual Rights   | Adrian Piel             | Stacey Trepanier | New Vistas Center for<br>Education   |
| 11:15 am | 17040   | HI        | Plastics: The Frontier that Molded Our World Forever                                  | Lilikoi DeMartini       | Bonita Cavanaugh | Kahuku High & Intermediate<br>School |
| 11:30 am | 17041   | OK        | Amelia Earhart: Charging the aviation frontier  | Charlotte Hollingsworth | Pam Brown        | All Saints Catholic School           |
| 11:45 am | 17042   | DC        | James McCune Smith  | Makiyah Smith           | Atinuke Doherty  | Hart MS                              |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher          | School   |
|----------|---------|-----------|--|-------------------|------------------|--|
| 10:00 am | 17043   | TN        | Ada Lovelace: Providing The Frontier For Computer Programming                    | Doaa Soliman      | Krystal Darrow   | Farragut Middle School                               |
| 10:15 am | 17044   | CO        | Gideon v. Wainwright: A Frontier for Legal Aid in the United States              | Haanie Mohammed   | Sarag Lebovic    | Challenge School                                     |
| 10:30 am | 17045   | ME        | An Explosive Frontier: How Nuclear Energy<br>Changed the World                   | Matthew Wilkerson | Katie Cassesse   | Greely Middle School                                 |
| 10:45 am | 17046   | NE        | Evolution of Tractors: A Frontier in Food Production                             | Will Simon        | Sarah Burr       | Syracuse-Dunbar-Avoca<br>Public Schools              |
| 11:00 am | 17047   | GA        | Horace King: Building Bridges to New Frontiers                                   | Kirsten Rickman   | Stan Shively     | Richards Middle School                               |
| 11:15 am | 17048   | FL        | The Tampon Revolution: How the Advancement of Tampons Influenced the World       | Evangeline Antaki | Oren Schlierer   | EAST LAKE MIDDLE<br>SCHOOL ACADEMY OF<br>ENGINEERING |
| 11:30 am | 17049   | PA        | Maria Tallchief, On Pointe: Blazing Frontiers in<br>American Culture and Society | Bella King        | Ross Farmer      | Belle Vernon Area MS                                 |
| 11:45 am | 17050   | MD        | The First Alaskans: How Foreign Imperialism<br>Destroyed a Civilization          | Tomas Cleves      | Allisun Thompson | Roland Park<br>Elementary/Middle School              |



| Time     | Entry # | Affiliate | Title   | Students        | Teacher                    | School                                   |
|----------|---------|-----------|---|-----------------|----------------------------|--|
| 10:00 am | 17051   | OR        | Genocide of the Native American Pioneer   | Chase Cofas     | Patrick O'Brien            | Seven Peaks School                       |
| 10:15 am | 17052   | MD        | Quilombos: Liberation in Identity   | Solenyi Onwueme | Beth Ceglia                | Clarksville Middle School                |
| 10:30 am | 17053   | NY        | Photography Isn't Painting: Alfred Stieglitz and Straight Photography                           | Jasmine Koppel  | Jared Duchin               | HOWITT SCHOOL                            |
| 10:45 am | 17054   | TN        | Shattering the Glass Ceiling  | Phasia Karyeah  | Crystol May                | Northeast Middle School                  |
| 11:00 am | 17055   | RI        | Delivering Innovation: How Amazon Changed the World   | Aidan Peterson  | Doreen Schiff              | St. Luke's School                        |
| 11:15 am | 17056   | IL        | Paving the Way to Success: How the Federal-Aid Highway Act of 1956 Shaped the American Frontier | Marie Miscinski | Charlene<br>Doland-Teacher | Meliora - Junior Division                |
| 11:30 am | 17057   | SC        | Rock and Roll: Frontier of Social Change  | Cora Welker     | Erik Robinson              | Dutchman Creek Middle                    |
| 11:45 am | 17058   | DC        | Mary Edwards Walker, Expanding Frontiers for Women  | Connor Jensen   | Nancy Abousamra            | Stuart Hobson MS Capitol Hill<br>Cluster |



**Building: SSU** Room: Nanticoke

| Time     | Entry # | Affiliate | Title   | Students           | Teacher          | School                              |
|----------|---------|-----------|---|--------------------|------------------|-------------------------------------|
| 10:00 am | 17059   | AR        | Exonerating the Innocent: The Revolutionary Role of DNA                                 | Natalie Dennington | Stanley James    | PINNACLE VIEW MIDDLE<br>SCHOOL      |
| 10:15 am | 17060   | OK        | Reclaiming The Script: Translating Maya Hieroglyphs And Their Importance Today.         | Emilio Doust       | Jennifer Eckel   | Stillwater Junior High School       |
| 10:30 am | 17061   | КО        | The Civil Rights Act of 1964: Expanding the Frontier of Equality                        | Jazlyn Shen        | Amanda Hamilton  | Asia American International Academy |
| 10:45 am | 17062   | OR        | Diversity In Activism: Pauli Murray's Frontier-Crossing Ideas                           | Hannah Miller      | Megan Kruer      | Seven Peaks School                  |
| 11:00 am | 17063   | AZ        | John F. Long: Opening Frontiers to Arizona Home Building                                | Aarav Senthilkumar | Stacey Trepanier | New Vistas Center for<br>Education  |
| 11:15 am | 17064   | KS        | Ad Astra Per Aspera: Crossing the Racial Frontier into Space                            | Emma Smith         | Lindsey Dowell   | Washburn Rural Middle<br>School     |
| 11:30 am | 17065   | SC        | Feminism in the Heartland: Georgia O'Keeffe Crossing Frontiers in American Feminist Art | Camryn Studwell    | Michael Macheski | St. James Middle                    |
| 11:45 am | 17066   | МО        | The Harlem Renaissance: A Frontier for 20th Century Black Identity                      | Emma Lewis         | Mason Lea        | CENTRAL HIGH                        |



**Building: Tawes** Room: 0207

| Time     | Entry # | Affiliate | Title  | Students          | Teacher                 | School                                  |
|----------|---------|-----------|--|-------------------|-------------------------|---|
| 10:00 am | 17067   | LA        | FIFA, Kicking the Ball Through Frontiers   | Jefferson Reyes   | ESTHER<br>PEREZ-ZEMMELS | Tom Benson School                       |
| 10:15 am | 17068   | VA        | The Irony of the "Irish Bridget:" Facing Frontiers and Forging Pathways for Female Empowerment         | Mary McCarthy     | Sara Duckett            | Whitman Middle                          |
| 10:30 am | 17069   | CA        | A Breath of Fresh Air: How California Became the Birthplace of Frontiers in Clean Air                  | Frankie Holland   | Sandra Komara           | Irvine Virtual Academy Middle<br>School |
| 10:45 am | 17070   | WI        | Susan B. Anthony: Crossing Frontiers in Women's Suffrage with a Single Vote                            | Anna Solberg      | Chuck Taft              | University School Of Milwaukee          |
| 11:00 am | 17071   | GU        | Food Frontier on Guam - Latan Katne: the Complex Impact of SPAM  | Deyaneirah Surber | Dylan Sablan            | SIFA Learning Academy<br>Charter School |
| 11:15 am | 17072   | GA        | Victoria Folashade Thomas-Fahm: Fashion Moving Forward, Nations, and Minds                             | Arianna Iribhogbe | DAVID MCELHANNON        | Westminster Schools of<br>Augusta       |
| 11:30 am | 17073   | IA        | The Ponseti Method: How the University of Iowa's Dr. Ignacio Ponseti Revolutionized Clubfoot Treatment | Stephen Schwartz  | Emily Pendleton         | Bettendorf Middle School                |
| 11:45 am | 17074   | RI        | Brown v. Board of Education: The Case That Started the Battle for Equality                             | Abigail Green     | Mary Meehan             | De La Salle Middle School               |



**Building: Tawes** Room: 1105

| Time     | Entry # | Affiliate | Title  | Students         | Teacher              | School                           |
|----------|---------|-----------|--|------------------|----------------------|----------------------------------|
| 10:00 am | 17075   | CA        | Artists and Activists: Jazz Musicians Leading the Civil Rights Movement              | Jacob Dinh       | Hector Gamboa        | Venado Middle School             |
| 10:15 am | 17076   | SD        | The Nutshell Studies: Frances Glessner Lee and the Revolution of Modern Forensics    | Luna Siddens     | Nathan Lamb          | Deubrook Jr. High School         |
| 10:30 am | 17077   | MI        | The Formation of American Political Parties: A Frontier of Democracy                 | Tessa Gryc       | Dustin Worm          | Traverse City West Middle School |
| 10:45 am | 17078   | NE        | Pikachu Virus: Friends to your End   | Cillian Kerrigan | Lynn Behounek        | Ralston Middle School            |
| 11:00 am | 17079   | СТ        | Penicillin: The Antibiotic Breakthrough that<br>Impacted Worldwide Bacterial History | Noor Hassan      | Salwa Collings       | Madina Academy                   |
| 11:15 am | 17080   | NC        | AC Electricity   | Teague Bell      | MICHELLE<br>RUTLEDGE | Wayne School of Engineering      |
| 11:30 am | 17081   | KS        | Scandalous Bloomers! Who Will They Corrupt Next?                                     | Sophia Miller    | Lindsey Dowell       | Washburn Rural Middle<br>School  |
| 11:45 am | 17082   | VA        | The Immigration and Nationality Act of 1965: Expanding the Frontier of Immigration   | Anne Sophie Li   | Jill Shull           | Haycock Elementary               |



| Time     | Entry # | Affiliate | Title  | Students             | Teacher                      | School                  |
|----------|---------|-----------|--|----------------------|------------------------------|-------------------------|
| 10:00 am | 10001   | TX        | A "Social Frontier": Boy Scouts, Progressive Education, and the Turner Thesis  | Henry Jones          | Gabriela Paczkowska          | LIVELY MIDDLE SCHOOL    |
| 10:15 am | 10002   | CA        | The Land of Opportunity: How Indians Broke Frontiers and Became a Dominant Force in Silicon Valley                             | Ishaan Kendale       | Kate Fiske                   | Khan Lab School         |
| 10:30 am | 10003   | NJ        | Leading the Atomic Frontier; Lieutenant General Leslie R. Groves and the Manhattan Project                                     | Sydney Kang          | Rebecca<br>McLelland-Crawley | Community Middle School |
| 10:45 am | 10004   | WA        | Ignaz Semmelweis: Conquering the Frontier of Handwashing   | Katie Meng           | Nicole Kesler                | Evergreen Middle School |
| 11:00 am | 10005   | СТ        | An Unexpected Frontier: How the Civil War<br>Exposed Medical Shortfalls and Prompted Change                                    | Blake Carlson        | Gabrielle Tomas              | Bedford Middle School   |
| 11:15 am | 10006   | NE        | A New World Brought Into the Light: Christine Jorgensen  | Finn Blacketer       | Melissa Frans                | Crete Middle School     |
| 11:30 am | 10007   | TN        | Salk and Sabin: At the Frontier of Curing Polio with a Vaccine   | Allison Lamar        | Laura Greene                 | Clayton-Bradley Academy |
| 11:45 am | 10008   | AZ        | Goywashing History: From Bunker Hill to Boot Hill,<br>The Jewish Pioneers That Hollywood, Pop Culture,<br>and Textbooks Forgot | Ira Parsons          | Rebekah West Keur            | Sunrise Middle School   |
| 12:00 pm | 10009   | SC        | The Everlasting Legacy of Space Exploration: In The Lens of the Space Race   | Janna Nicole Escamis | Matthew Harder               | Ocean Bay Middle        |



| Time     | Entry # | Affiliate | Title   | Students         | Teacher          | School                               |
|----------|---------|-----------|---|------------------|------------------|--------------------------------------|
| 10:00 am | 10010   | NM        | Gunslinger To Lawman - Wyatt Earp   | Joelle Aragón    | Charlie Pflieger | Immanuel Lutheran School             |
| 10:15 am | 10011   | NJ        | Clean Water Act of 1972: New Water Frontier<br>Makes a Big Splash in the Future of United States<br>Water Quality   | Cecilia Manis    | Heather Rhodes   | Henry B. Whitehorne Middle<br>School |
| 10:30 am | 10012   | KS        | The First Lady of Aviation: Olive Ann Beech and Her Lasting Legacy  | Kenadee Ellis    | Laura McLaughlin | Derby North Middle School            |
| 10:45 am | 10013   | KY        | Fighter! Four Planes That Changed the Course of WWII and the Aeronautics Industry   | Jack Norris      | Billy Spalding   | Francis Parker School of Louisville  |
| 11:00 am | 10014   | ME        | "'It is, indeed, a European war which is occurring here, and all of us are being plunged into it'" - Intervention, Fascism and the Axis Powers in the Spanish Civil War | Owen Milliken    | Katie Cassesse   | Greely Middle School                 |
| 11:15 am | 10015   | AR        | The "Libber vs. the Lobber" in the Fight for Equal Pay: How a Tennis Match Forged a Frontier for Gender Equality  | Olivia Wright    | Darren Vaughn    | CENTRAL JUNIOR HIGH<br>SCHOOL        |
| 11:30 am | 10016   | VT        | "I am the Queen of the Sea"   | Sonya Mancauskas | Daniel Maguire   | Main Street Middle School            |
| 11:45 am | 10017   | MN        | Creating the World Wide Web: A Frontier in Information-Sharing  | Lyla Ronkainen   | Glenn Tracey     | Ordean East Middle School            |
| 12:00 pm | 10018   | FL        | Animal Welfare Act: Frontiers are Being Extended Ensuring Animals' Protection, Wellbeing, and Health  | Lily Hagan       | Cheryl Skaggs    | CHARLES S. RUSHE<br>MIDDLE SCHOOL    |
| 12:15 pm | 10019   | DC        | The Great Pioneer and National Frontier: W.E.B. Du Bois - Pioneer and Frontier in history   | Anthony Carter   | Atinuke Doherty  | Hart MS                              |
|          |         |           |   |                  |                  |                                      |



| Time     | Entry # | Affiliate | Title   | Students        | Teacher            | School                                  |
|----------|---------|-----------|---|-----------------|--------------------|---|
| 10:00 am | 10020   | MA        | High Speed Rails: How Trains Retook Their Place as the Kings of Transportation                                      | Alexander Manka | Barbara Sturtevant | Marshall Simonds Middle                 |
| 10:15 am | 10021   | AR        | The Frontiers of "Join, or Die": How Benjamin Franklin's Political Cartoon Helped to Shape the Ideals of Our Nation | Clara Stephens  | Tracie Ashley      | Prairie Grove Junior High<br>School     |
| 10:30 am | 10022   | ME        | Charles Momsen and the Rescue of the USS<br>Squalus: Challenging the Frontier of Deep Sea<br>Rescue                 | Ethan Byram     | Christa Bui        | Noble Middle School                     |
| 10:45 am | 10023   | GA        | Ridiculed, Rejected, Yet Right: The Medical Frontier of Carlos Finlay   | Frasier Smith   | Beth Smith         | Smith Home Academy                      |
| 11:00 am | 10024   | MD        | "Revolution, Sometimes, Is Very Quiet": The Catonsville Nine and a New Tactic for Nonviolence                       | Moira Capista   | Allisun Thompson   | Roland Park<br>Elementary/Middle School |
| 11:15 am | 10025   | ОН        | The Creation of the Erie Canal: Digging into the Midwest Frontier   | Haadeya Salman  | Joe Parrino        | Birchwood School of Hawken              |
| 11:30 am | 10026   | ID        | Giving a Voice to the Unheard   | Paige Reed      | Rona Johnson       | Rocky Mountain Middle<br>School         |
| 11:45 am | 10027   | СО        | The Frontier of Indian Law Reform: How Cobell v. Salazar Opened the Door to US Government Accountability            | Coulee Fox      | Rob Javier         | Escalante Middle School                 |
| 12:00 pm | 10028   | CA        | DNA Fingerprinting: The Frontier of Judicial Execution  | Brooklyn Galley | Debbie Hodge       | Alta Sierra Intermediate<br>School      |
| 12:15 pm | 10029   | DE        | A Woman in Man's World—The Extraordinary Life of Marie Curie  | Katelyn Pei     | sarah cushing      | Sanford School                          |



| Time     | Entry # | Affiliate | Title  | Students             | Teacher            | School                              |
|----------|---------|-----------|--|----------------------|--------------------|-------------------------------------|
| 10:00 am | 10030   | FL        | Frontiers in Jazz: The Bebop Revolution  | Vincent Minnillo     | Pamela Earnest     | HOWARD MIDDLE SCHOOL                |
| 10:15 am | 10031   | MO        | The Frontier of International Adoption: How South Korea Became the First and Number One Exporter of Adoptees   | Haddie Watson        | Jen Muchow         | PLAZA MIDDLE                        |
| 10:30 am | 10032   | NM        | Cesare Lombroso: An Exploration of the Frontier of Criminal Anthropology   | Aubree Murillo       | Dayna Jones        | LA PLATA MIDDLE                     |
| 10:45 am | 10033   | VA        | Monkey Talk, Human Walk: Exploring the Frontier of Maternal Love and Affection   | Mina Liu             | Jill Shull         | Haycock Elementary                  |
| 11:00 am | 10034   | TN        | Landing on the Wrong Planet: The Untold Story of the Nazi Rocket that Launched Humanity into the Final Frontier of Space   | Aidan Jarvis         | Liz Shugart        | Clayton-Bradley Academy             |
| 11:15 am | 10035   | TX        | Booker T. Washington V. W.E.B. Du Bois:<br>Frontiers in Black Upward Mobility, Civil Rights, and<br>Economic Stability Challenging Conventional<br>Thinking in America | Maahi Singh          | Jennie McBunch     | E F Green Junior School             |
| 11:30 am | 10036   | OK        | The Southern Cross Expedition: How One Mission<br>Opened Up the Frontier of Antarctica   | Emmy Xiang           | Jennifer Eckel     | Stillwater Junior High School       |
| 11:45 am | 10037   | KY        | Shirley Chisholm: Political Pioneer  | Vivian Schnuerle     | Billy Spalding     | Francis Parker School of Louisville |
| 12:00 pm | 10038   | ОН        | The Marshall Plan: A New Frontier In the Implementation and Usage of Economic Aid  | Mason Zhang          | David Saluga       | Shaker Heights Middle School        |
| 12:15 pm | 10039   | UT        | John Snow: Father of Field Epidemiology  | Neusha Nourmohammadi | Sheradee Bradfield | Midvale Middle School               |



| Time     | Entry # | Affiliate | Title  | Students           | Teacher          | School                                   |
|----------|---------|-----------|--|--------------------|------------------|--|
| 10:00 am | 10040   | MN        | The Panama Canal: A New Frontier for Tech, Trade, and Travel   | Theodore Orsted    | Ginger Sanford   | Twin Cities German Immersion<br>School   |
| 10:15 am | 10041   | OR        | Lavender Menace: Crossing the Gay—Feminist Divide  | Fern Preppernau    | Amy McBride      | ACCESS Academy                           |
| 10:30 am | 10042   | NY        | Dynamically Oriented Art Therapy: How Margaret<br>Naumburg Redefined The Frontiers in<br>Psychotherapy and Art Therapy               | Siena Leis         | Matthew Thoren   | The Speyer Legacy School                 |
| 10:45 am | 10043   | ID        | Trust Busting, Monopolies, and the History of Government Regulation in the United States   | Julian Brown       | Stephanie Catz   | Riverstone International School          |
| 11:00 am | 10044   | IA        | American Quakers in WWII: A New Frontier in Immigration Legislation  | Evaline Petersen   | Kristina Dvorak  | Franklin Middle School                   |
| 11:15 am | 10045   | SD        | Apollo 11: Mission to the Moon   | Addison Heinje     | Mike Piechowski  | Wilmot Jr. High - 03                     |
| 11:30 am | 10046   | MI        | Beaver Hats to Billionaires: How the Great Lakes Fur Trade Changed the World   | Jackson Bias       | Russell Norris   | DeTour Area Schools                      |
| 11:45 am | 10047   | DC        | The Chernobyl Nuclear Disaster: Learning from a Tragedy  | Maia Birkmeier     | Amy Macneil      | Stuart Hobson MS Capitol Hill<br>Cluster |
| 12:00 pm | 10048   | МО        | Betty Weldon: Breaking Television Frontiers  | Lydia Christian    | Ruth E Caplinger | BLAIR OAKS MIDDLE<br>SCHOOL              |
| 12:15 pm | 10049   | HI        | The Changing Rhythm of Racial Inequality :<br>Redefining The Harlem Renaissance's Historical<br>Significance as an American Frontier | Nicholas Nishimura | David Yamada     | Waipahu Intermediate School              |



| Time     | Entry # | Affiliate | Title  | Students         | Teacher               | School                                |
|----------|---------|-----------|--|------------------|-----------------------|---------------------------------------|
| 10:00 am | 10050   | NV        | How was Immunology Made and Proved to be Helpful?  | Lydia Perlich    | Lisa Larson           | Doral Academy of Northern<br>Nevada   |
| 10:15 am | 10051   | INT       | US Recognition of India: A New Diplomatic Frontier Promoting Democracy, Global Stability, Economic Advancement & Social Ties | Veer Aman Bajaaj | MatthewD Elms         | Singapore American School             |
| 10:30 am | 10052   | RI        | The Real Winners of the Space Race   | Lianna Cowan     | julie connors-costell | Winman Junior High School             |
| 10:45 am | 10053   | IA        | Los Alamos: The Manhattan Project's Secret City and Origin of the World's First Atomic Bomb                                  | Truman Brooks    | Emily Pendleton       | Bettendorf Middle School              |
| 11:00 am | 10054   | UT        | On the Frontier of Particle Physics: Lise Meitner  | Lily King        | Colton Fairchild      | Thomas Edison Charter<br>School North |
| 11:15 am | 10055   | NC        | New Frontiers in Human Rights: The Development of the Universal Declaration of Human Rights and its Impact on the World      | Andrew Larsen    | Kelly Lynn            | Two Rivers Community School           |
| 11:30 am | 10056   | MI        | Socrates: An Examined Life   | Olivia Reding    | Emily Worm            | Traverse City West Middle<br>School   |
| 11:45 am | 10057   | WI        | The Manhattan Project, The Crater it Left On History, And the Ripple Effects to the Present Day                              | Levi Van Noord   | Erin Patchak          | Bay View Middle School                |
| 12:00 pm | 10058   | KS        | Dr. Alan L. Hart: TRANSforming the Field of Sexology   | Kennedy Wright   | Hayley Smith          | Topeka Collegiate School              |



| Time     | Entry # | Affiliate | Title  | Students           | Teacher          | School                               |
|----------|---------|-----------|--|--------------------|------------------|--------------------------------------|
| 10:00 am | 10059   | RI        | Soaring to Greater Heights: Abbot Suger's Gothic Cathedral   | Kathleen St Thomas | Samantha Hedden  | St. Philomena School                 |
| 10:15 am | 10060   | LA        | The Frontier of Integration Within Education And The Detrimental Effect It Had On The African American Community     | Jason Jackson      | Brooke Box       | Belle Chasse Academy                 |
| 10:30 am | 10061   | HI        | The Accelerated Expansion of the Universe: An Endless Frontier   | Tanner Millard     | Tina Smith       | Kailua Intermediate School           |
| 10:45 am | 10062   | NY        | Breaking the "Saund" Barrier: How Dalip Singh<br>Saund Ushered in a New Frontier of Politics for<br>Indian-Americans | Aryan Mukherjee    | Cantwell Theresa | JERICHO MIDDLE SCHOOL                |
| 11:00 am | 10063   | SC        | Terror on the East Coast: New Jersey Shark<br>Attacks of 1916  | Charleigh Hughes   | Waylon Ross      | St. James Middle                     |
| 11:15 am | 10064   | MA        | New Frontiers: The California Gold Rush  | JJ Kean            | Megan Palleschi  | Landmark Elementary Middle<br>School |
| 11:30 am | 10065   | GA        | The Dunblane Massacre: A Change from a Tragedy   | Audrey Buresh      | Emily Rowley     | Midtown International School         |
| 11:45 am | 10066   | MD        | The Equality "Games": How the Paralympics Opened a New Frontier for People with Disabilities                         | Diya Gandhi        | Matthew Hetrick  | The Bryn Mawr School                 |



| Time     | Entry # | Affiliate | Title   | Students            | Teacher              | School                                       |
|----------|---------|-----------|---|---------------------|----------------------|--|
| 10:00 am | 10067   | IL        | Smallpox Eradicated: Impacts Technological Frontiers in the 1960s had on Vaccines that Followed                   | Michelle Yang       | Connor O'Donnell     | Young Magnet HS Academic<br>Center (gr. 7-8) |
| 10:15 am | 10068   | AZ        | Ping Pang Qiu — Negotiating the Net and Impacting the World   | Timothy Mak         | Rebekah West Keur    | Sunrise Middle School                        |
| 10:30 am | 10069   | WY        | Roe Vs. Wade: A Frontier in Restricting the Rights of the Unborn  | Dorothy Jensen      | Casey Swift          | Lander Middle School                         |
| 10:45 am | 10070   | OK        | "An Untiring Machine": How the Printing Press Changed Europe  | Olivia Laó Alvarado | Jennifer Eckel       | Stillwater Junior High School                |
| 11:00 am | 10071   | INT       | The International Sweethearts of Rhythm: A Historic Frontier Created by the First Interracial All-Women Jazz Band | Siena Abraham       | MatthewD Elms        | Singapore American School                    |
| 11:15 am | 10072   | NC        | Medical Advancements in Times of War  | Aiden Stewart       | MICHELLE<br>RUTLEDGE | Wayne School of Engineering                  |
| 11:30 am | 10073   | КО        | Subhash Chandra Bose: Irreplaceable Asset In Gaining Independence   | Nillohit Das        | Russell Williams     | Korea International School<br>Pangyo         |
| 11:45 am | 10074   | LA        | Lucy Stone: On The Frontiers of Women's Rights  | Abdelmadjid Brakta  | Marilyn Tabora       | Islamic School Of Greater<br>New Orleans     |



| Time     | Entry # | Affiliate | Title   | Students      | Teacher            | School                             |
|----------|---------|-----------|---|---------------|--------------------|------------------------------------|
| 10:00 am | 10075   | IN        | Madam C.J. Walker: Creating New Frontiers for African-Americans and Women During the Jim Crow Era   | Adaline Adams | Emily Lewellen     | Brown County Middle School         |
| 10:15 am | 10076   | IL        | The Abandoned Frontier of the City Beautiful Movement   | Allison Lee   | Thomas Fitzpatrick | Lane Tech Academic Center          |
| 10:30 am | 10077   | OR        | Yellowstone National Park: A United States Physical and Conceptual Frontier                         | Eleanor Price | Amy McBride        | ACCESS Academy                     |
| 10:45 am | 10078   | PA        | The Camp David Accords: Crossing the Political Frontier of Peace in the Middle East                 | Symal Bukhari | Alysabeth Mahood   | Franklin Regional MS               |
| 11:00 am | 10079   | GU        | Frank Rabon and the Re-creation of CHamoru Dance  | Lucia Lowe    | Rodney Pama        | LUIS P. UNTALAN MIDDLE<br>SCHOOL   |
| 11:15 am | 10080   | КО        | Incheon Landing: How General Douglas MacArthur's Innovative Idea Turned the Tides of the Korean War | Yebin Kim     | Jacob Spangler     | Cheongna Dalton                    |
| 11:30 am | 10081   | WA        | Title IX's Impact on High School and College Athletics: Creating New Opportunities for Women        | Mac Callahan  | Al Plummer         | Northshore Middle School           |
| 11:45 am | 10082   | DE        | The Jungle's Effect on the American Food Industry and Investigative Journalism                      | Alek Lee      | Andrew Bedell      | Cab Calloway School Of The<br>Arts |



**Building: SSU** Room: Calvert

| Time     | Entry # | Affiliate | Title   | Students             | Teacher           | School                            |
|----------|---------|-----------|---|----------------------|-------------------|-----------------------------------|
| 10:00 am | 10083   | CO        | The Tuskegee Syphilis Study: A Bioethical Frontier in American History  | Kavya Krishna        | Rachael Kessler   | Challenge School                  |
| 10:15 am | 10084   | СТ        | Katharine Hepburn: Forging Frontiers in Female Fashion  | Rachel Mathew        | John Smith-Horn   | Timothy Edwards School            |
| 10:30 am | 10085   | VA        | American Imperialism in the Caribbean: The<br>Negative Impact of US Law from 1900–1920 on<br>Puerto Rico              | Lucian Pozzi         | Courtney Anderson | Sabot at Stony Point              |
| 10:45 am | 10086   | IN        | The Impact of the Internet and Technology on Modern-Day Society   | Sophie Xu            | James Duvall      | Jackson Creek Middle School       |
| 11:00 am | 10087   | NJ        | From Syncretism to Assimilation: The Story of Irish Americans   | Melody Hartman-Kelly | Allyson Krone     | Explore 2000 Middle School        |
| 11:15 am | 10088   | WI        | The Cherokee Phoenix Newspaper: Traversing Frontiers in Journalism and Shattering Stereotypes with Every Word Printed | Isaac Neumann        | Chuck Taft        | University School Of<br>Milwaukee |
| 11:30 am | 10089   | PA        | From East Pakistan to Bangladesh: How Frontiers Culminated in the Birth of a New Nation                               | Humna Anzaar         | Jennifer Joyce    | Franklin Regional MS              |



**Building: Architecture Room: 0204** 

| Time     | Entry # | Affiliate | Title   | Students  | Teacher          | School  |
|----------|---------|-----------|---|---|------------------|---|
| 10:00 am | 22001   | AL        | The Match Girls Strike of 1888  | Mary Agee, Gracie Brooks,<br>Saxon Skinner, Anna Claire<br>Proctor, Olivia Amason | Callie Outlaw    | Tuscaloosa Academy                                |
| 10:20 am | 22002   | IN        | Janet Guthrie: Paving the Way for Women   | Annalise Taller, Alice Mayer  | Jocelyn Coe      | Carmel High School                                |
| 10:40 am | 22003   | МО        | A Frontier in Litigation: Charles Houston, Thurgood<br>Marshall, Nathan Margold, and the Fight to End<br>Segregation in Education | Keavan Coale, Ian Morgan  | Joel Slingerland | CENTRAL HIGH                                      |
| 11:00 am | 22004   | SC        | Support Black Businesses: The Story of Greenwood Avenue   | Reginald Mack, Paris<br>Nesbitt, Tyler Burgess                                    | Nicole Walker    | Ridge View High                                   |
| 11:20 am | 22005   | OR        | Splitting the Atom: The Frontier of a Nuclear Ingenuity   | Aaron Oakleaf, Mason<br>Olsen, Ronan Shultz                                       | John Santella    | Westview High School                              |
| 11:40 am | 22006   | КО        | Tea and Fro Borders: How Tea Played a Significant Role in the Expansion of Both Britain's Culinary and Geopolitical Frontiers     | Geumbee Ahn, Warrick<br>Kwon  | Dylan Löser      | North London Collegiate<br>School Jeju            |
| 1:00 pm  | 22007   | LA        | Frontiers in Radiation Cancer Therapy   | Maaz Rathor, Kenneth Tran   | ALICIA HAMPTON   | Patrick F. Taylor Science &<br>Technology Academy |
| 1:20 pm  | 22008   | TX        | Jack Kilby and the Circuit That Conquered the World   | Sukhran Chandrasekar,<br>Hardik Singh, Shriya Bhat,<br>Dhilan Nag                 | Rhett Carter     | PLANO EAST SR H S                                 |
| 1:40 pm  | 22009   | IL        | Transforming the Frontiers of Chicago's Chinatown   | Nathan Eng, Kara Eng  | Lauren Maly      | Independent Scholars                              |



| Time     | Entry # | Affiliate | Title   | Students   | Teacher                            | School  |
|----------|---------|-----------|---|--|------------------------------------|---|
| 10:00 am | 22010   | NY        | Fritz Haber: Fueling Population and Warfare   | Amy Villanueva, Lux Burgin,<br>Linnea Hentschel, Madelyn<br>Williams | Dana Landesman                     | BRONXVILLE HIGH SCHOOL                        |
| 10:20 am | 22011   | WY        | Malcolm X: A New Frontier for Freedom   | Camille Kainer, Lauren<br>Jones                                      | Rose Robertson                     | Pinedale High School                          |
| 10:40 am | 22012   | FL        | Jazz: A Frontier of Rhythm and Representation   | Lauren Basara, Hailey<br>Westfall                                    | Josh Roberson                      | SEMINOLE HIGH SCHOOL                          |
| 11:00 am | 22013   | MN        | Chicago's Metro System (CTA/The L)  | Owen Schlehuber, Maxwell<br>MapelLentz, Gus Tennessen                | Doug Hoverson                      | Saint Thomas Academy                          |
| 11:20 am | 22014   | KS        | The Race to the South Pole: Earth's Final Frontier  | Spencer Timkar, Campbell<br>Helling, Sage McHenry                    | Sonja Czarnecki                    | Bishop Seabury Academy                        |
| 11:40 am | 22015   | ND        | The Pig War   | Nadeem Alian, Thomas<br>Burgess, Braden Fugle,<br>Alex Paul          | Melissa Evensen                    | NORTH HIGH SCHOOL                             |
| 1:00 pm  | 22016   | СТ        | The Scottsboro Tragedy: The Trials That<br>Transformed Civil Rights and the Judicial System             | Salma Mahmoud, Ghita<br>Elamrani                                     | Salwa Collings                     | Madina Academy                                |
| 1:20 pm  | 22017   | IA        | Forging a New Frontier for Female Athletes: Dr. Christine Grant's Relentless Pursuit of Gender Equality | Kadence Huck, Paige<br>Franzen, Callahan Levi                        | Suzan Turner                       | Nashua-Plainfield<br>Junior-SeniorHigh School |
| 1:40 pm  | 22018   | СО        | To Win At All Costs: John B. Watson and the Creation of Behaviorism                                     | Jade Hayman, Mary<br>Rukhotskiy                                      | Sean Costello,<br>Salvatore Triolo | Fairview High School                          |



Building: CCC Room: 1100

| Time     | Entry # | Affiliate | Title  | Students  | Teacher              | School                                    |
|----------|---------|-----------|--|---|----------------------|---|
| 10:00 am | 22019   | IA        | The Royal Ice Cream Sit-in: The Protest That Woke North Carolina                     | Eva Snyder, Magdalene<br>Dahlhauser                                 | Christina Rice       | Storm Lake High School                    |
| 10:20 am | 22020   | WA        | Forgotten Frontiers: The Women Behind the Atomic Bomb                                | Bryan Nie, Andrew Da,<br>Brandon Nie                                | Rhonda McGee         | North Creek High School                   |
| 10:40 am | 22021   | ID        | Crossing the Line: JFK and the Cuban Missile Crisis                                  | Parker Roope, Georgia<br>Roope                                      | Lori Mason           | Foothills School of the Arts and Sciences |
| 11:00 am | 22022   | OR        | To The Skies! The Story of Hazel Ying Lee  | Jeffrey Teh, Jayden Huang,<br>Nathan Zou                            | Andrew Brown         | Sunset High School                        |
| 11:20 am | 22023   | КО        | The June Struggle  | Seunghee Kim, Joy Kim,<br>Jihyun (John) Park, Jidam<br>Yun          | Arthur Scibal        | KISJ                                      |
| 11:40 am | 22024   | TN        | Decoding Intellect: How John McCarthy Forged the Frontier of Artificial Intelligence | Dixie Grenead, Harlie<br>Grenead, Catherine<br>Whelchel             | Scott Johnson        | Spring Hill High School                   |
| 1:00 pm  | 22025   | MI        | Obstetrical Tragedies Lead to New Frontiers in Medical Sanitization                  | Olivia Palazzolo, Mya Lees  | Tara Fugate          | Fraser High School                        |
| 1:20 pm  | 22026   | NJ        | Seasons of Love: How 'Rent' Was a Frontier in the AIDS Crisis                        | Grayson Kelly, Hanna<br>Pearce                                      | Jennifer Fraunberger | Academy For Performing Arts               |
| 1:40 pm  | 22027   | MD        | Crawling Across the Frontier: The Capitol Crawl of 1990                              | Garion Cheng, Henry Shan,<br>Luke Wu, Soham Jinsi,<br>Victoria Diaz | Christopher Forney   | Winston Churchill High                    |



Building: CCC Room: 1200

| Time     | Entry # | Affiliate | Title   | Students  | Teacher              | School                                |
|----------|---------|-----------|---|---|----------------------|---------------------------------------|
| 10:00 am | 22028   | AL        | Frontiers in History: African American Divas in Hollywood                                   | Jayla Matthews, Aleice<br>Wood                  | Tamaka Kidd          | Mattie T Blount High Sch              |
| 10:20 am | 22029   | MA        | The Boston Female Medical College   | Mary Scott Dunn, Mia<br>Maffeo                  | Kenneth Brooke       | Needham High                          |
| 10:40 am | 22030   | IN        | Changing the Music Frontier with a Simple Tune: How Richard Rodgers Revolutionized Broadway | Lucy Han, Emma Choi                             | Jocelyn Coe          | Carmel High School                    |
| 11:00 am | 22031   | NH        | Historical Frontiers of the LGBTQ+ Community  | Aslinn Tilley, Mason Sykie                      | Joshua Beer          | Fall Mountain Regional High<br>School |
| 11:20 am | 22032   | GU        | Dr. Jose Roberto Palomo: Frontiersman of Modern CHamoru Education                           | Napu Blas, Joshua<br>Nathaniel Galsim           | Lazaro Quinata       | Father Dueñas Memorial High<br>School |
| 11:40 am | 22033   | OK        | Détente: The Warm Handshake that Helped Defrost the Cold War                                | Hannah Evans, Luke Foster                       | Penny Heath          | Canton High School                    |
| 1:00 pm  | 22034   | TN        | The Race to the South Pole: Earth's Final Frontier  | Timothy Cho, Matthew<br>Wang                    | Chris McNeer         | Farragut High School                  |
| 1:20 pm  | 22035   | MD        | Cuneiform: How a Linguistic Innovation Revolutionized the World                             | Julia Shi, Athena Devashish                     | Callie Casper        | River Hill High School                |
| 1:40 pm  | 22036   | HI        | Women in the U.S. Military: The Fight for Service   | Rhianna Rodriguez, Kaitlyn<br>Liu, Charlotte Jo | Ishael Shaw-De Mello | Waiakea High School                   |



Building: HJ Patterson Room: 2217

| Time     | Entry # | Affiliate | Title  | Students  | Teacher                   | School                           |
|----------|---------|-----------|--|---|---------------------------|----------------------------------|
| 10:00 am | 22037   | PA        | "The Youth We Are Feeding Will Surely Feed the Revolution": The Black Panther Party and the Frontier of Free Breakfast | Rory Gonzales, Ana<br>Sorrentino  | Liz Taylor                | Masterman Julia R Sec Sch        |
| 10:20 am | 22038   | MN        | The Legendary LIFE of Margaret Bourke-White  | Lydia Svien, Ireland Person,<br>Margaret Frohman                          | Martin Marrin             | DeLaSalle High School            |
| 10:40 am | 22039   | NC        | Struggle for Power: The People's Party in the Frontiers of Gilded Age Politics   | Brian Zhang, James Xiao,<br>Abhinav Gurram                                | Bala Gurram               | Green Hope High                  |
| 11:00 am | 22040   | DC        | Pele: The Trailblazer  | Simone Joyner, Emely<br>Zelaya  | Leslie Welsh              | Capital City PCS High            |
| 11:20 am | 22041   | NE        | The Gold Rush: Shaping Modern California   | Eli Allen, Jay Schneider,<br>Lincoln Cosby, Evan Clark,<br>Asher Robinson | Kyle Beacom, Noa<br>Craft | Lincoln Southeast High<br>School |
| 11:40 am | 22042   | VA        | Beginning of the End: J. Robert Oppenheimer's Pioneering Work in Joining Theoretical Physics with Military Weaponry    | Shane Bright, Andrew<br>Camarda   | Nathan Munson             | Jefferson Forest High            |
| 1:00 pm  | 22043   | KY        | Keep On Pushing: The Amplification of Music and the Fight for Equality   | Elena Adkins, Azlyn<br>Goodyke, Liam Black                                | Ashley Adkins             | Paducah Tilghman High<br>School  |
| 1:20 pm  | 22044   | NM        | Solving the Mystery of the Airplane Killer: Tetsuya Fujita   | Matthew Chavez, Keana<br>Huerta   | Julie Gutierrez           | COBRE HIGH                       |
| 1:40 pm  | 22045   | HI        | Joan Ganz Cooney: Revolutionizing Children's Education Through Television Entertainment                                | Kaia Fujinaka, Tiffany Wong   | Sean Wagner               | Waiakea High School              |



Building: HJ Patterson Room: 2242

| Time     | Entry # | Affiliate | Title   | Students  | Teacher          | School                                  |
|----------|---------|-----------|---|---|------------------|---|
| 10:00 am | 22046   | ID        | Marie Curie: Breaking Scientific Frontiers and Social Stereotypes in History  | Ariya Pangarkar, Caroline<br>Price, Julia Perl                        | Erica Serros     | Riverstone International School         |
| 10:20 am | 22047   | INT       | Exploring the Frontiers of Dream and Reality: The Traversal of Homesteaders into the Wild West  | Angel Wu, Taksh Yadav,<br>DongWon (Max) Kim, David<br>Xu, Steven Chen | Nathaniel Potson | QSI International School of<br>Shenzhen |
| 10:40 am | 22048   | VA        | Katherine Johnson: Breaking Barriers on the Frontiers of Science  | Allison Candelario, Miriam<br>Ahmad, Angelina Nair                    | Andrew Abeyounis | Grafton High                            |
| 11:00 am | 22049   | AZ        | The Manhattan Project   | Samuel Hallows, Landon<br>Martinez                                    | Katherine Reddy  | Westwood High School                    |
| 11:20 am | 22050   | NC        | Face to Face: A Cold War Consumer Diplomacy Frontier  | Kyle Malt, Jonah Hardin   | Yvonne Krowka    | Classical Scholars                      |
| 11:40 am | 22051   | GA        | Picture Brides: The Pioneers in the Korean Frontier of Hawaii   | Glenn Jiles, Gene Yoon  | Mark Day         | Columbus High School                    |
| 1:00 pm  | 22052   | СО        | "Vertically, Horizontally, Diagonally, Upwards,<br>Downwards, Frontwards, and Backwards: The<br>Frontier of Forensic Linguistics in the FBI | Josiah Yocom, Makayla<br>Brown  | JOHN WILLIS      | Sargent High School                     |
| 1:20 pm  | 22053   | ОН        | Gertrude Ederle: How One Female Swimmer Pushed the English Channel Frontier to Change the Lives of Women                                    | Brooke Gemechu, Siya<br>Lakireddy, Aanya Lakireddy,<br>Areesha Nouman | Kenneth Clark    | Hawken Upper School                     |
| 1:40 pm  | 22054   | DE        | Fort Miles: Frontier in History   | Luke George, Pace<br>Cucciarre  | Brent Freccia    | Newark Charter High School              |



| Time     | Entry # | Affiliate | Title  | Students  | Teacher             | School                        |
|----------|---------|-----------|--|---|---------------------|-------------------------------|
| 10:00 am | 22055   | UT        | Before Rosa  | Libby Topham, Ava Jensen,<br>Paige Topham, Kate<br>Topham         | Cali Dansie Burgess | Timberline Middle School      |
| 10:20 am | 22056   | TX        | John Webber and Underground Railroad   | Nicholle Moreno, Cesar<br>Zamora                                  | Juan Carmona        | DONNA H S                     |
| 10:40 am | 22057   | ОН        | The Height of the Fight: Bill Russell as a Trailblazer for Activism in the NBA                   | Samuel Luther, Wyatt Roth,<br>Malachai Shulman,<br>Keyshawn Ragin | Joseph Konopinski   | Shaker Heights High School    |
| 11:00 am | 22058   | AR        | From Savannah to Seaside: Enlightening America Through Urban Design                              | Nicholas Nall, Fatima Majid,<br>Aubrey Nelsen                     | Lara Beard          | Pulaski Academy               |
| 11:20 am | 22059   | PA        | A Frontier in Aerial Warfare: The A-20 Havoc's Impact on Aerial Interdiction During World War II | Dominick Pizzelanti, Lilia<br>Pizzelanti                          | Amy Howard          | Kutztown Area SHS             |
| 11:40 am | 22060   | ME        | Mr. Clean's Water Act: A New Frontier in<br>Environmental Legislation                            | Carolyne Sauda, Kathryn<br>Busko                                  | Geoffrey Wingard    | Bangor High School            |
| 1:00 pm  | 22061   | VT        | A Swann's Legacy   | Lucy Stadtmauer, Oli Roy  | Drew Gordon         | South Burlington High School  |
| 1:20 pm  | 22062   | RI        | Frontier in Justice — Raphael Lemkin and the Creation of the Word "Genocide"                     | Laurel Breault, Kassidy<br>Roche                                  | Sharon Franco       | Toll Gate High School         |
| 1:40 pm  | 22063   | NY        | New Deal Pioneer: How Frances Perkins Paved the Way for Women's Empowerment in Politics          | Tianjiao Wang, Ryan Wang,<br>Henry Zhang                          | Theresa Cantwell    | JERICHO SENIOR HIGH<br>SCHOOL |



Building: SPH Room: 1312

| Time     | Entry # | Affiliate | Title  | Students   | Teacher                  | School                                    |
|----------|---------|-----------|--|--|--------------------------|---|
| 10:00 am | 22064   | UT        | The Discovery and Development of Penicillin  | Emilee Mattingly, Kristeen<br>Chase, Mary Gustafson  | Velanne Stowell          | Vanguard Academy                          |
| 10:20 am | 22065   | MO        | The Polio Vaccine and the Race to Save Humanity  | Amaya Markt, Stella Neri   | Derek Frieling           | LAFAYETTE HIGH                            |
| 10:40 am | 22066   | AR        | The Trial of Oscar Wilde   | Karli Krone, Fiona Donaire   | Amanda Simpson           | SEARCY HIGH SCHOOL                        |
| 11:00 am | 22067   | INT       | Hollywood: Frontier of Racial Perspectives   | Ting-Yu Chang, JiaDe Lin   | Nicole Last              | Shanghai SMIC Private<br>School           |
| 11:20 am | 22068   | NJ        | The Scholl Siblings and the White Rose: Frontiers of Resistance in Nazi Germany            | Shardul Krishnakumar,<br>Abhiram Tallapragada,<br>Samarsimha Munagala, Sai<br>Voruganti, Aniketh Bukka | Wendy<br>Hurwitz-Kushner | John P. Stevens High School               |
| 11:40 am | 22069   | MS        | Masterminds Behind the Movement: How Tougaloo College Advanced Civil Rights in Mississippi | Jermarius Everett, Grace<br>Short, Kiersten Burk   | Alexandria Drake         | JPS-Tougaloo Early College<br>High School |
| 1:00 pm  | 22070   | CA        | The Man Who United Two Frontiers: How Fritz Haber Killed Millions and Nourished Billions   | Ritieka Kumar, Moksha Kolli  | Deanna Myers             | Northwood High School                     |
| 1:20 pm  | 22071   | SC        | Alan Turing: Creating New Frontiers in Computer Science                                    | Sam Cripe, Drew Sims   | Laura Cripe              | Academic Pathways<br>Homeschool Co-op     |
| 1:40 pm  | 22072   | GA        | In Our Living Room: The Frontier of Live Journalism in Vietnam                             | Kay Brown, Solomon Jones,<br>Melanie Acosta, Qanitah<br>Mahum  | Colleen Surette          | Georgia Cyber Academy                     |



**Building: SSU** Room: Margaret Brent

| Time     | Entry # | Affiliate | Title  | Students   | Teacher           | School                                |
|----------|---------|-----------|--|--|-------------------|---------------------------------------|
| 10:00 am | 22073   | NE        | The Dark Lady of DNA: A Scientific Frontier                                    | Landri Loos, Samantha<br>Augustyn, Tatum Kapustka              | Trysta Asche      | Loup City High School                 |
| 10:20 am | 22074   | KS        | Dr. Samuel Kountz: Advancing Frontiers One Transplant at a Time                | Anna McLaughlin, Danika<br>Szopinski                           | Susan Sittenauer  | Seaman High                           |
| 10:40 am | 22075   | KY        | The Newsie Strike of 1899  | Mya Mason, Kaylie Trimble,<br>Adeline Miller, Jacey<br>Crowell | Amanda Smith      | New Covenant Academy                  |
| 11:00 am | 22076   | MI        | Dorothea Dix: Bringing Change for the Mentally III                             | Miriam Al-Bayati, Aya<br>Hammoud                               | Stanley Putnam    | Star International Academy            |
| 11:20 am | 22077   | RI        | Exposing the Holodomor: Gareth Jones' Investigative Journalism in Ukraine      | Mia Biagetti, Sam Weiser                                       | Tracy Miller      | Barrington High School                |
| 11:40 am | 22078   | WI        | Birth Control: How Margaret Sanger Gave Control Back to Women                  | Desiree Veeser, Presley<br>Kasten                              | Jason Krings      | Green Bay Southwest High<br>School    |
| 1:00 pm  | 22079   | FL        | Extending a Hand and a Ladder: The Life and Legacy of the Daughters of Bilitis | Priya Schramm, Sabrina<br>LaVopa                               | Laura Bagby       | CREEKSIDE HIGH SCHOOL                 |
| 1:20 pm  | 22080   | NM        | Under Fire: Frontiers on the Front Lines                                       | Isaac Beck, Elizabeth<br>McDonald, Kylee Jones                 | Claudie Thompson  | SILVER HIGH                           |
| 1:40 pm  | 22081   | GU        | Guam Memorial Hospital   | Ethan Dela Cruz, Joshua<br>Dasalla                             | Brian Paul Galang | Father Dueñas Memorial High<br>School |



Building: Tawes Room: 1320

| Time     | Entry # | Affiliate | Title  | Students  | Teacher          | School   |
|----------|---------|-----------|--|---|------------------|--|
| 10:00 am | 22082   | MA        | The Legacy of Qin Shi Huang: The Creation of China's Imperial Dynasty System                 | Maximilian Kim, Chengting (David) Xie, Ezio Salimbeni               | Ju Young Seo     | St Mark's School   |
| 10:20 am | 22083   | AK        | The Ethics of Human Testing  | Benjamin Gilbert, Jaxon<br>Freeman, Erik Helzer                     | Todd Heuston     | SOUTH ANCHORAGE HIGH SCHOOL                                |
| 10:40 am | 22084   | WA        | Mikhail Gorbachev: A Pioneer of Democracy  | Leonard Lannynd, Armaan<br>Mohapatra                                | Sydney Robertson | International Community<br>School                          |
| 11:00 am | 22085   | LA        | From Trains to the Streets: Evolution of the New York City Graffiti Frontier                 | Kimberly Dao, Nhi Dao   | Karen Soileau    | Caddo Parish Magnet High<br>School                         |
| 11:20 am | 22086   | OK        | Assimilation, Termination, Relocation: How the<br>"New Frontier" Shaped a Legacy of Violence | McKinley Robedeaux, Toni<br>Williams, Mollie Noyes,<br>Sarah Simons | Patty Sanders    | Morrison High School                                       |
| 11:40 am | 22087   | AZ        | Ella Baker: A Pioneer of Grassroots Movements  | Sunmit Hallur, Michael<br>Makhoul, Esteban Pierrend                 | Andrew Estes     | BASIS Peoria   |
| 1:00 pm  | 22088   | WI        | Testing the Waters: Pushing Frontiers in Limnology at UW-Madison                             | Nadim Alatout, Ravi R<br>Suryan-Beilin, Thomas J<br>Renz            | Carrie Bohman    | Madison West High School                                   |
| 1:20 pm  | 22089   | IL        | Precursors to Justice: The Untold Story of Black<br>British Abolitionists                    | Mahi Shah, Andy Pincus,<br>Kaavya Shriram                           | Cynthia Jurisson | University of Chicago<br>Laboratory Schools High<br>School |
| 1:40 pm  | 22090   | CA        | The Volksempfänger: An Intrusion of German Minds   | Kylie Situ, Audrina Lopez,<br>Alyssa Batang                         | Kimberly Chin    | South San Francisco High<br>School                         |



Building: Grand Ballroom Room: Group A

| Time     | Entry # | Affiliate | Title   | Students   | Teacher                         | School                           |
|----------|---------|-----------|---|--|---------------------------------|----------------------------------|
| 11:00 am | 26001   | CA        | Maps to Apps: How the NAVSTAR GPS Advanced Frontiers in Satellite Navigation  | Sol Kwak, Sean Yu, Philip<br>Park, Kayla Fu                | Deanna Myers                    | Northwood High School            |
| 11:15 am | 26002   | IL        | The Great Railroad Strike of 1877   | Bianca Iota, Jaden Wilson                                  | Sarah Lasken                    | Lincoln Park High School         |
| 11:30 am | 26003   | AS        | Renal Transplant: A Frontier Revolutionizing the Medical Field  | Leimoasina Saui'a,<br>Elvadanshu Levi, Siaea Jr.<br>Osa    | Christian Saalea,<br>Kolose Ili | Tafuna High School               |
| 11:45 am | 26004   | СТ        | Laying Down Frontiers of the Future: The<br>Transcontinental Railroad's Economic and Cultural<br>Influence                            | Claudia Trinchi, Perrin Root,<br>Oliver Oren, Evan Wallitt | Kelly Zrenda                    | Staples High School              |
| 1:00 pm  | 26005   | MO        | "The nation, in time of peace, will derive great advantages from these roads": Abraham Lincoln Pushes for the New Frontier in America | Andrew Grellner, Emily Jones                               | Susan E. Reed                   | NORTHWEST HIGH                   |
| 1:15 pm  | 26006   | FL        | Eleanor Roosevelt as First Lady: More than a Hostess  | Savannah Mejia, Emma<br>Cheatham                           | Jeannine Meis                   | LEON HIGH SCHOOL                 |
| 1:30 pm  | 26007   | WY        | Kent State Massacre: Exploring the Frontier of Limits of Free Speech  | Lily Remlinger, Maren<br>Tattersall                        | Jeff Brazil                     | Jackson Hole High School         |
| 1:45 pm  | 26008   | NE        | Hip-Hop: How the Movement Defined Black America   | Emma von Scheliha, Kya<br>Branch, Mirabelle Hesse          | Noa Craft                       | Lincoln Southeast High<br>School |
| 2:00 pm  | 26009   | VA        | Frontiers in Feminism: Clara Bow's Legacy   | Lorelei Maas, Yecenia<br>Barajas Rodriguez                 | Nathan Munson                   | Jefferson Forest High            |
| 2:15 pm  | 26010   | OR        | Redefining Success: Women's Stories of<br>Overcoming Obstacles in STEM  | Laasya Reddy Kanamatha,<br>Eesha Paruvada, Bhoomi<br>Jain  | John Santella                   | Westview High School             |
|          |         |           |   |  |                                 |                                  |



**Building: Grand Ballroom** Room: Group B

| Time     | Entry # | Affiliate | Title  | Students  | Teacher                            | School                                  |
|----------|---------|-----------|--|---|------------------------------------|---|
| 11:00 am | 26011   | ID        | The 1982 Chicago Tylenol Murders   | Fiona Pletz, Jillian Appleby  | Janelle Gilson                     | Renaissance High School                 |
| 11:15 am | 26012   | GA        | CODIS and The Golden State Killer  | Kiarra Brown, Lesly<br>Gonzalez Olmos, Celia<br>Pena                | Treon Penson                       | Sandy Creek High School                 |
| 11:30 am | 26013   | ОН        | Vergeltungswaffen-2: The Frontier Breaker of Space                                       | Joseph Schaeffer, Grant<br>Bauer                                    | John Harkelroad                    | Huron High School                       |
| 11:45 am | 26014   | PA        | "I'm Not A Comedian, I'm Lenny Bruce": How One<br>"Sick" Comic Made A Case For Obscenity | Ava Greenawalt, Isobel<br>Yasenchack                                | Bethany Kissell                    | Cambridge Springs JSHS                  |
| 1:00 pm  | 26015   | KS        | Bleeding Kansas: A Frontier for Change   | Jeremiah Moylan, Kate<br>Eckert                                     | William Wehrs, Susan<br>Sittenauer | Seaman High                             |
| 1:15 pm  | 26016   | HI        | Crowning A New Queen: The Hawai?i Cherry Blossom Festival's Blood Quantum Change         | Yuzu Martin, Kaleokupaa<br>Yamamoto                                 | Sarah Razee                        | Kamehameha Schools -<br>Kapālama Campus |
| 1:30 pm  | 26017   | IN        | John Newbery: The Man Behind the Magic of Children's Literature                          | Emma Graves, Lilah Walsh  | Jocelyn Coe                        | Carmel High School                      |
| 1:45 pm  | 26018   | MI        | Salient Steps Toward Suffrage  | Francesca Palazzolo, Faith<br>Aloia, Vanessa Ellis, Alisha<br>Gentz | Tara Fugate                        | Fraser High School                      |
| 2:00 pm  | 26019   | VA        | HeLa: A Double-Edged Medical Revolution  | Emily Chen, Nicholas Barr,<br>Evan Residori                         | Stephanie Shimp                    | West Springfield High                   |
| 2:15 pm  | 26020   | NH        | A Frontier: The Transcontinental Railroad  | Keegan O'Connor, Maebel<br>Dussault, Abby Jarvis                    | Joshua Beer                        | Fall Mountain Regional High<br>School   |
|          |         |           |  |   |                                    |   |



Building: Grand Ballroom Room: Group C

| Time     | Entry # | Affiliate | Title  | Students  | Teacher                           | School                        |
|----------|---------|-----------|--|---|-----------------------------------|-------------------------------|
| 11:00 am | 26021   | AZ        | The Influence of Medicine in the European Renaissance                                  | Juliana Dahlgren, Daniela<br>Bergerson                              | Mary Hall                         | Northwest Christian Schools   |
| 11:15 am | 26022   | MN        | FDR's Fireside Chats: A Frontier in Presidential Communication                         | Garin Hackbarth, Samuel<br>Phillips                                 | Catherine Nachbar                 | East High School              |
| 11:30 am | 26023   | NY        | The "Curious Chinese Child" Who Dreamed: Anna May Wong a Pioneer in Hollywood          | Emily Zhu, Khushi Patel   | Theresa Cantwell                  | JERICHO SENIOR HIGH<br>SCHOOL |
| 11:45 am | 26024   | UT        | Delancey Street Foundation: "Where Hitting the Bottom Begins the Climb to New Heights" | Sophie Romrell, Maggie<br>Stay                                      | James Romrell                     | Lakeridge Junior High         |
| 1:00 pm  | 26025   | IN        | Madam C.J. Walker's Impossible Empire  | Ava Ward, Kenzie<br>Sanderson                                       | Kristin Rentschler                | Columbia City High School     |
| 1:15 pm  | 26026   | KS        | The Power of Pants   | Lexi Heideman, Natalie<br>Meier                                     | Jordan Boyd                       | Olathe West High School       |
| 1:30 pm  | 26027   | ID        | Fannie Lou Hamer   | Elizabeth Wright, Anna<br>Nguyen                                    | Janelle Gilson                    | Renaissance High School       |
| 1:45 pm  | 26028   | IA        | "Loving V. Virginia" — The Case that forged the way for equal marriage rights          | Leticia Herrera, Yessenia<br>Alvarez Zamora                         | Susan Fritzell                    | Marshalltown High School      |
| 2:00 pm  | 26029   | ОН        | The Final Frontier: How Human Computers<br>Advanced Equality and Science at NASA       | Grace Kaelber, Ezra<br>Ellenbogen, Ingrid Holda,<br>Meredith Hurley | Sarah Davis, Joseph<br>Konopinski | Shaker Heights High School    |
| 2:15 pm  | 26030   | AL        | Little Rock Nine: Frontier in History  | Zamorie Gipson, ZoRiyah<br>Ray, Sha'Hollene Smith                   | Kathy Paschal                     | Stanhope Elmore High Sch      |



Building: Grand Ballroom Room: Group D

| Time     | Entry # | Affiliate | Title  | Students  | Teacher           | School                                   |
|----------|---------|-----------|--|---|-------------------|--|
| 11:00 am | 26031   | INT       | Three-Point Seatbelt: The Messiah of Road Traffic Accidents                            | Chanwoo Kim, Soyeon Kim   | Michelle Johnson  | American International School<br>Chennai |
| 11:15 am | 26032   | ND        | Roe V Wade: The Birth of Women's Bodily<br>Autonomy                                    | Sophia Pfeifer, Leighton<br>Koepplin, Alaina<br>Nordhougen                    | Zach Hochhalter   | FARGO DAVIES HIGH<br>SCHOOL              |
| 11:30 am | 26033   | SD        | How Barbed Wire Tamed the Wild West  | Max Mazela, Abilene<br>McGuire, Lane Stuwe,<br>Ethan Johnson, Chance<br>Smith | Michael Hobert    | Hoven High School - 01                   |
| 11:45 am | 26034   | PA        | From Cold Cases to Convicted Criminals: The Expansion of the Forensic Science Frontier | Wesley Reagle, Melanie<br>Brown   | Lisa Taliani      | Deer Lakes HS                            |
| 1:00 pm  | 26035   | MD        | André Leon Talley's Closet: The Frontier of Fashion                                    | Kyna Owusu, Rhia Basit,<br>Ava Milisits                                       | Stephanie Gomer   | Poolesville High School                  |
| 1:15 pm  | 26036   | RI        | Hail! Hail! Chuck Berry!   | Alina Dorsey, Samantha<br>Lin, Shinyu Vega, Jaylene<br>Le                     | Sharon Franco     | Toll Gate High School                    |
| 1:30 pm  | 26037   | MN        | Expanding the Frontier of Climate Action: James Hansen's Testimony to Congress         | Leah Coleman, Sarah<br>Rectenwald   | Catherine Nachbar | East High School                         |
| 1:45 pm  | 26038   | GA        | Flappers Blaze New Frontiers   | Adrian Avila, Carlie Shaw   | Laree Findley     | Robert Toombs Christian<br>Academy       |
| 2:00 pm  | 26039   | KY        | Welcome To The Jungle: The Frontier of the FDA   | Madison Hunter, Haily<br>George   | Jill Lewis        | Corbin High School                       |



Building: Grand Ballroom Room: Group E

| Time     | Entry # | Affiliate | Title  | Students   | Teacher           | School                         |
|----------|---------|-----------|--|--|-------------------|--------------------------------|
| 11:00 am | 26040   | AK        | The Permanent Fund: A Living History   | Rowan Wollrich, Jeremy<br>Narus                                    | Todd Heuston      | SOUTH ANCHORAGE HIGH<br>SCHOOL |
| 11:15 am | 26041   | TX        | The Sky's the Limit: How the Mayo Clinic Aero<br>Medical Unit Brought Military Aviation and Medicine<br>to New Heights | Ayumi Vazquez, Niah<br>Badillo, Xander Garza                       | Elizabeth Apodaca | HEALTH CAREERS H S             |
| 11:30 am | 26042   | NJ        | The Catholic Church on the Frontiers of Social Justice: Nostra Aetate  | Sofiya Doroshenko, Andrew<br>Park, Neil Kreibich, Patrick<br>Bunal | Christine Wallace | Bergen County Academies        |
| 11:45 am | 26043   | WA        | Hidden History: Planting a Legacy in Washington  | Eli Macht, Cora Hoyt,<br>Cooper Haymes                             | John Zingale      | Vancouver iTech Preparatory    |
| 1:00 pm  | 26044   | OK        | Power Of Pink: A New Business Frontier   | Jacqlyn Grigsby, Andriana<br>Trahan                                | Penny Heath       | Canton High School             |
| 1:15 pm  | 26045   | ND        | Blast Off for Humanity   | Sophia Brakvatne, Atari<br>Stark                                   | Melissa Evensen   | NORTH HIGH SCHOOL              |
| 1:30 pm  | 26046   | HI        | A Mold for Your Cold: The Growth and Pioneering of Penicillin in Modern Antibiotics                                    | Maiyah Panis-Vuong,<br>ReiLey Udo-Tao                              | Sean Wagner       | Waiakea High School            |
| 1:45 pm  | 26047   | AR        | The Frontier of Women's Rights as Perpetuated by the 1910s Mexican Revolution  | Abigail Atkinson, Tanner<br>Larson, Matthew Phelps                 | Mary Gibson       | HARRISON HIGH SCHOOL           |
| 2:00 pm  | 26048   | TN        | Bill Russell: Breaking Records and Racial Stigmas  | Griff Millner, Nic Spangler  | Duke Richey       | McCallie School                |



**Building: Grand Ballroom** Room: Group F

| Time     | Entry # | Affiliate | Title   | Students   | Teacher             | School                                       |
|----------|---------|-----------|---|--|---------------------|--|
| 11:00 am | 26049   | SC        | Bracero Program   | Alexsandra Morales-Lopez,<br>Julissa Velázquez                             | Adam Powley         | HCS Early College High                       |
| 11:15 am | 26050   | NJ        | From Bell Labs to Silicon Valley: How Transistors<br>Became the Key to Unlocking a New Era of<br>Technology   | Dheeraj Menon, Deepak<br>Menon   | Chris Bond          | West Windsor-Plainsboro<br>High School North |
| 11:30 am | 26051   | DE        | The Reality of First Wave Feminism  | Aanya Yatavelli, Audrey<br>Counihan  | Andrew Bozanic      | Padua Academy                                |
| 11:45 am | 26052   | UT        | The Atomic Bomb: Frontier in Human Destruction  | Paige Meaders, Rachel<br>Mcallister  | John McNeill        | Granger High School                          |
| 1:00 pm  | 26053   | МО        | The Living Room War: Advancing Frontiers in Media   | Kathleen Hudson, Brenna<br>Hamilton, Alesia Dickey                         | Angie Allison       | OAK GROVE HIGH                               |
| 1:15 pm  | 26054   | MA        | Photographs from 'Nam: The Creation of a Disillusioned Audience   | Benjamin Abbott, Patricia<br>Vo, Makenna Dube                              | Isabella Raczkowski | North Andover High                           |
| 1:30 pm  | 26055   | WI        | Stonewall: Expanding the New Frontier of Gay Rights   | Gao Nou Yang, Alena Vue,<br>Samuel Lor, Daysia Moua,<br>Keasana Soukkaserm | Shelby Miller       | Hmong American Peace<br>Academy              |
| 1:45 pm  | 26056   | VT        | Matthew Shepard   | Sophie Martel, Maia Pasco  | Mark Brown          | Union 32                                     |
| 2:00 pm  | 26057   | NH        | "Get the Girl to Check the Numbers": How the<br>Black Women of West Area Computing Worked in<br>Unseen Ways to Advance Scientific Research and<br>Drive Social Progress | Lily Zehetner, Stella<br>Pillet-Shore                                      | Gabrielle Anderson  | Oyster River High School                     |



**Building: Grand Ballroom Room: Group G** 

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                  |
|----------|---------|-----------|---|--|------------------|---|
| 11:00 am | 26058   | LA        | Colorful Activism: How ACT UP America Revolutionized Frontiers of HIV/AIDS Advocacy   | Ruby Knoebel, Anika Alla   | Karen Soileau    | Caddo Parish Magnet High<br>School      |
| 11:15 am | 26059   | SD        | Freddie Mercury: The Frontier in Defying<br>Stereotypes in Rock Music and History   | Kennedy Schaaf, Aby<br>Bartscher   | Sandi Hurst      | Roosevelt High School, Sioux Falls      |
| 11:30 am | 26060   | NE        | Alan Turing and the First Artificial Intelligence   | Emily Browning, Kate Beran   | Brooks Humphreys | Mercy High School                       |
| 11:45 am | 26061   | INT       | Frontiers in Punk Rock: Riot Grrrl  | Sophia Kuo, Annabelle<br>Batherwin Huang, Tristany<br>Sutjiadi, Gisella Nikole Lim | Jonathan Steely  | Sekolah Pelita Harapan Pluit<br>VIllage |
| 1:00 pm  | 26062   | NM        | Cracking Open Medical Frontiers: Expanding Research with Cadavers   | Aubrey Shelby, McKenzie<br>Satterfield   | Amy Page         | MORIARTY HIGH                           |
| 1:15 pm  | 26063   | AR        | Exploring the Mind: How Sigmund Freud Revolutionized The Practice of Psychology   | Eshaal Nadeem, Maralgoo<br>Amarsaikhan   | Lara Beard       | Pulaski Academy                         |
| 1:30 pm  | 26064   | СТ        | Unfathomed Depths of Understanding: The Challenger's Voyage into the Unknown  | Simonne Thibeault, Amanda<br>Zadnik  | Jennifer McMunn  | E. O. Smith High School                 |
| 1:45 pm  | 26065   | IA        | The 'Best' Medical Advancement of the Era:<br>Frederick Banting and Charles Best Chart a New<br>Frontier by Discovering Insulin | Sophia Tidgren, Kylie<br>Janning, Aliya Reed                                       | Steven Bieret    | Carroll High School                     |



## **Senior Group Exhibit Round 1**

Building: Grand Ballroom Room: Group H

| Time     | Entry # | Affiliate | Title   | Students   | Teacher        | School  |
|----------|---------|-----------|---|--|----------------|---|
| 11:00 am | 26067   | WA        | The Mother of Radium: Crossing Frontiers in Modern Chemistry and Physics                | Adi Hurvitz, Lucas<br>Blat-Phillips, Kyra Isaacson | Jill Berge     | Lake Washington High                              |
| 11:15 am | 26068   | OR        | The Vaccine Revolution: How Maurice Hilleman<br>Improved Immunology in the 20th Century | Jasper Gu, Akash Pai,<br>Ashank Shah               | Todd Sherwood  | Sunset High School                                |
| 11:30 am | 26069   | AZ        | Bubonic Plague Frontiers  | Ella Broek, Analyiah Zavala                        | Mary Hall      | Northwest Christian Schools                       |
| 11:45 am | 26070   | LA        | Changing the Course of Medicine: Penicillin in WWII                                     | Ethan Pittari, David Nguyen,<br>Summer Huynh       | LAURA MILLER   | Patrick F. Taylor Science &<br>Technology Academy |
| 1:00 pm  | 26071   | WI        | Emma Strikes New York   | Cara Fiedler, Bailey<br>Spencer                    | Joan Simon     | Prescott School District                          |
| 1:15 pm  | 26072   | NY        | Crossing the Bridge to Brooklyn, Innovation, Prosperity, and Freedom                    | Kaeden Ruparel, Giles<br>El-Assal, Daniel Murdoch  | Robert Sandler | STUYVESANT HIGH<br>SCHOOL                         |
| 1:30 pm  | 26073   | MD        | Anesthesia: Changing Surgery Forever  | Olivia Warhol, Vidya<br>Suddamalla, Kashvi Mehta   | Jan Edlowitz   | Reservoir High School                             |
| 1:45 pm  | 26074   | TN        | Frontiers In Forensics—Every Contact Leaves A Trace                                     | Josh Martinez, Lizzie<br>Borrego, Katie Harper     | Karen Stanish  | L N STEM Academy                                  |
| 2:00 pm  | 26075   | NC        | The Cayuse War: How Western Expansion Confined Native Americans                         | Meredith Presnell, Grace<br>Liu, Faith Brennan     | Morris Johnson | Early College at Guilford                         |
|          |         |           |   |  |                |   |



## Senior Group Exhibit Round 1

Building: Grand Ballroom Room: Group I

| Time     | Entry # | Affiliate | Title   | Students                               | Teacher                            | School                                 |
|----------|---------|-----------|---|--|------------------------------------|--|
| 11:00 am | 26076   | IL        | National Coalition Against Domestic Violence          | Jadyn Chelberg, Emilia<br>Jozwik       | Bryanne Roemer                     | Maine West High School                 |
| 11:15 am | 26077   | SC        | Dean Kamen and the Self Delivering Insulin Pump       | Arissa Sims, Ashlyn Sims               | Laura Cripe                        | Academic Pathways<br>Homeschool Co-op  |
| 11:30 am | 26078   | NM        | Stonewall Revolution                                  | Daniel Burrola, Sydney<br>Hardy        | Julie Gutierrez                    | COBRE HIGH                             |
| 11:45 am | 26079   | MS        | Women's Property Rights                               | Adrianne Sanders, Kayden<br>Davis      | Margaret Hicks                     | HERNANDO HIGH SCHOOL                   |
| 1:00 pm  | 26080   | OK        | Sylvia Earle  | Nadia Luna, Kylie Carrasco             | Penny Heath                        | Canton High School                     |
| 1:15 pm  | 26081   | DC        | Theodora  | Sheyla Martinez, Ashley<br>Diaz-Garcia | Leslie Welsh                       | Capital City PCS High                  |
| 1:30 pm  | 26082   | WV        | Ol' Western   | Lillie Jett, Sundance Lewis            | Ashley Smith                       | Parkersburg South High                 |
| 1:45 pm  | 26083   | TX        | The Hidden Bombe of WWII: Outwitting the Enigma Code  | Felicity Fok, Zeviel Piñeda            | Alberto Guerrero                   | VETERANS MEMORIAL<br>EARLY COLLEGE H S |
| 2:00 pm  | 26084   | СО        | Elizabeth Smith Miller: The First Woman to Wear Pants | Rebecca Myers, Batia<br>Wilson         | Sean Costello,<br>Salvatore Triolo | Fairview High School                   |



## Senior Group Exhibit Round 1

Building: Grand Ballroom Room: Group J

| Time     | Entry # | Affiliate | Title  | Students   | Teacher           | School                             |
|----------|---------|-----------|--|--|-------------------|------------------------------------|
| 11:00 am | 26085   | MI        | Parkesine to PET: The Frontiers in the Plastic Industry                  | Alexis Mulka, Katelyn<br>Frazier, Aneko Nichol,<br>Nicolas Durnell | Tara Fugate       | Fraser High School                 |
| 11:15 am | 26086   | KY        | Bell Hooks: Showcasing Black Femininity                                  | Amira Trotter, Ma'Kiyah<br>Alston                                  | Shannon Slate     | Hopkinsville High School           |
| 11:30 am | 26087   | WY        | Katherine Johnson: Exploring the Frontier of Mathamatics at NASA         | Madelyn Krasula, Zoe<br>Bosch                                      | Jeff Brazil       | Jackson Hole High School           |
| 11:45 am | 26088   | NC        | Vaccine of '18   | Ava Martin, AnnaGrace<br>Cazeault, Allana Henderson                | Chadwick Goins    | New Hanover High                   |
| 1:00 pm  | 26089   | MA        | The Solution Within the Helix: DNA's Revolutionary Impact on Criminology | Chloe Kivumbi, Saniya<br>Sarolkar                                  | Todd Whitten      | Burlington High                    |
| 1:15 pm  | 26090   | DE        | Better Red Than Dead: The Native American Occupation of Alcatraz         | Ivy Hoffman, Rose Locke  | Erin Sullivan     | Cab Calloway School Of The<br>Arts |
| 1:30 pm  | 26091   | FL        | Placing a Pioneer on Her Frontier: Establishing<br>Emma Willard's Legacy | Cathleen Kivett Smith,<br>Sarah Kirk                               | Cynthia Cheatwood | RIDGEVIEW HIGH SCHOOL              |
| 1:45 pm  | 26092   | СО        | Stravinsky and Nijinsky's Frontier on Music and Choreography             | Simone Graczyk, Eleanor<br>Coates                                  | Ed Glassman       | Denver School Of The Arts          |
| 2:00 pm  | 26093   | MS        | The Mother of Modern Medicine  | Emily Zamarron, Annie<br>Burford, Eliza Sims                       | Margaret Hicks    | HERNANDO HIGH SCHOOL               |
| 2:15 pm  | 26094   | CA        | Shooting for the Stars: The New Frontier Created by Guion Bluford        | Devyn Harrison, Sydney<br>Reed                                     | Lety Hilton       | Polytechnic High School            |



Building: Art/Sociology Room: 2203

| Time     | Entry # | Affiliate | Title   | Students  | Teacher            | School                       |
|----------|---------|-----------|---|---|--------------------|------------------------------|
| 10:20 am | 24002   | KY        | Women's Suffrage: The Voice of Women Unveiled   | Nashiaya Wilson, Timothy<br>Hanley, Lacey Stewart,<br>Dominique Davie | Shannon Slate      | Christian County High School |
| 10:40 am | 24003   | IN        | PONG: How A Few White Rectangles Birthed An Industry  | Franklin Vrtis, Audrey<br>Rinkovsky                                   | Jocelyn Coe        | Carmel High School           |
| 11:00 am | 24004   | СТ        | Forging a Frontier: The Treaty That Transformed American Humanitarianism                              | Zainah Khaliq, Tasneem<br>Zoghol, Zara Fatima Khan,<br>Deana Khatib   | Salwa Collings     | Madina Academy               |
| 11:20 am | 24005   | WA        | The Pill: The Journey Towards a Controversial Social and Medical Frontier                             | Miriam Slonecker, Margaret<br>Galbraith                               | Kila Salyers Smith | Prosser High School          |
| 11:40 am | 24006   | КО        | The Yellowstone National Park: The Frontier of Preserving Mother Nature                               | Keanu Park, Lin Chiang,<br>Celine Yang, Junho Lee,<br>Justin Park     | James Kowalski     | Seoul International School   |
| 12:00 pm | 24007   | CO        | Selena Quintanilla's 'Unforgettable' Frontier:<br>Providing Representation for Latinas in Pop Culture | Solana McCloskey, Janet<br>Trujillo                                   | Kelly Cvaniger     | Bear Creek High School       |



Building: Art/Sociology Room: 3203

| Time     | Entry # | Affiliate | Title   | Students   | Teacher             | School                      |
|----------|---------|-----------|---|--|---------------------|-----------------------------|
| 10:00 am | 24008   | SC        | How African Americans Paved the Way for Aeronautical Frontiers and the Future of Astronauts | Wendell Wojack, John<br>Simmons, Cason Pickett,<br>Andrew Tucker, Deacon<br>Parris | LTC John Heflin     | Camden Military Academy     |
| 10:20 am | 24009   | NY        | Frontiers in Vienna: Voices of the Virtuosos  | Kaylee Luo, Catalin Wong,<br>Preston Chan  | Samantha Gerantabee | HERRICKS HIGH SCHOOL        |
| 10:40 am | 24010   | MS        | Sci-fi: The Final Frontier  | Lindy Peterson, Yaerim<br>Choi, Jenna Holder, Chyla<br>Hanna, Tessa Luke           | Craig Wood          | STARKVILLE HIGH SCHOOL      |
| 11:00 am | 24011   | OK        | Frontier of Fear: The H.H. Holmes Story   | Mason Moraine, Reid<br>Redding   | Ellen Carroll       | Summit Christian School     |
| 11:20 am | 24012   | HI        | Bob Dylan: A Groundbreaking Musical Frontier  | Raphael Pecoraro, Hannah<br>Baker  | Jason Duncan        | Mililani High School        |
| 11:40 am | 24013   | MA        | Sex Education   | Lily Katz, Siena<br>Uyenoyama, Max Scott   | Kenneth Brooke      | Needham High                |
| 12:00 pm | 24014   | IA        | The 19th Amendment: The Law That Changed the Lives of Women Forever                         | Emma De Rooy, Makenna<br>Huizenga, Corrie DeVries                                  | Jonathon Holwerda   | Unity Christian High School |



| Time     | Entry # | Affiliate | Title  | Students  | Teacher          | School                          |
|----------|---------|-----------|--|---|------------------|---------------------------------|
| 10:00 am | 24015   | KS        | A Love Larger than Life  | Abby Jacobs, Talya<br>Banwart, Holly Cain             | Daniel Kobernat  | Christian Learning Center       |
| 10:20 am | 24016   | PA        | "The Category Is Frontiers": How the Harlem Ball Scene Redefined Queer Black Power | Cyrus Fisher, Jason Zhang                             | Liz Taylor       | Masterman Julia R Sec Sch       |
| 10:40 am | 24017   | СТ        | The Wilde Trials: Pioneering Discussions about Homosexuality                       | Mia Chen, Kayla Lin,<br>Kalyani Tihaiya               | Jennifer McMunn  | E. O. Smith High School         |
| 11:00 am | 24018   | FL        | Mothers of Pop Culture: The Women Who Changed the Industry and Beyond              | Ayona Bagui, Vivika Arora                             | Jodie Peace      | STRAWBERRY CREST HIGH<br>SCHOOL |
| 11:20 am | 24019   | VA        | Rosie's Frontier   | Taylor Chewning, Ava<br>Shafer, Abigail Stronza Stull | Nathan Munson    | Jefferson Forest High           |
| 11:40 am | 24020   | NM        | A Hollywood Frontier: Olivia de Havilland's Fight for Artistic Freedom             | Casey Rogers, Colton<br>Traeger, Nathan Porter        | Claudie Thompson | SILVER HIGH                     |



Building: HJ Patterson Room: 0226

| Time     | Entry # | Affiliate | Title   | Students   | Teacher         | School                              |
|----------|---------|-----------|---|--|-----------------|-------------------------------------|
| 10:00 am | 24021   | NY        | David Sarnoff: The Visionary of the Television Frontier                                       | Lucas McGarvey, Vanessa<br>Chen, Carol Hon, Dylan Ma,<br>William Tang      | Robert Sandler  | STUYVESANT HIGH<br>SCHOOL           |
| 10:20 am | 24022   | IL        | Enrico Fermi and the Chicago Pile   | Bodhi Tabor, Jocelyn Lin,<br>Devin Whaley, Connor<br>Henry, Clark Anderson | Charles Buss    | Carbondale Community High<br>School |
| 10:40 am | 24023   | WA        | Journalist Emmeline B Wells: The Frontier of the Women's Rights Movement in the Wasatch Range | Saachi Sharma, Samantha<br>Novitski  | ANDREW IVY      | Tesla STEM High School              |
| 11:00 am | 24024   | GA        | Frontiers in Psychological Warfare and PTSD: The Vietnam War — Operation Wandering Soul       | Reginald Alexander, Morgan<br>Bryant, Baotram Hoang,<br>Leyla Farmer       | Sharon Lukiri   | Sandy Creek High School             |
| 11:20 am | 24025   | TX        | A Reborn Nation: Exploring post-Colonialism in Free Algeria                                   | Kirti Sagar Gadde, Vidur<br>Nangia, Dhriti Mittal                          | Rhett Carter    | PLANO EAST SR H S                   |
| 11:40 am | 24026   | CA        | Not Quite White: Pioneer Thind Navigates Racism in the Immigration Frontier                   | Supriti Bhopale, Sushant<br>Bhopale  | Suvarna Bhopale | Carlmont High School                |



**Building: Plant Sciences Room: 1130** 

| Time     | Entry # | Affiliate | Title  | Students  | Teacher        | School                                  |
|----------|---------|-----------|--|---|----------------|---|
| 10:00 am | 24027   | UT        | Braille: Bringing the Blind into the Light                                   | Natalie Edie, Ethan Van<br>Komen, Cade Van Komen,<br>Elise Willard                    | Catherine Edie | Dixie High                              |
| 10:20 am | 24028   | SD        | Lyudmila Pavlichenko: The Lady of Death                                      | Emily Heuer, Sidney<br>Stricherz, Sophie Dalton,<br>Capri Schroeder                   | Brett Brennan  | Waverly-South Shore High<br>School - 01 |
| 10:40 am | 24029   | MA        | CURIE: a radioactive frontier in science                                     | Jake Bassinger, Sofia<br>Brown  | Anne Page      | Hamilton-Wenham Regional<br>High        |
| 11:00 am | 24030   | КО        | Words of Women: The Hidden Frontier of Gwangju                               | Sihyun Park, Dayoung Yu,<br>Gayoung Kim, Elishia Kim,<br>Erin Shin                    | Jenny Park     | CMIS Canada                             |
| 11:20 am | 24031   | NE        | Nicodemus: The Frontier of New Beginnings                                    | Annaka Wasenius, Chloe<br>Gooden, Emma Strand,<br>Ryleigh Tidyman, Jordan<br>Holstein | Riley Dirgo    | Arapahoe Public Schools                 |
| 11:40 am | 24032   | IL        | Building the Double Helix: Expanding Frontiers in Science and Representation | Olivia Mathias, Danial Pitafi,<br>Theodor Martin, Sam Byrd                            | Charles Buss   | Carbondale Community High School        |



| Time     | Entry # | Affiliate | Title  | Students  | Teacher           | School                          |
|----------|---------|-----------|--|---|-------------------|---------------------------------|
| 10:00 am | 24039   | WI        | The Trial of Oscar Wilde   | Marcus Mitchell, Eliott<br>Cook, Andaria Henderson,<br>Kinsey Peterson      | Joan Simon        | Prescott School District        |
| 10:20 am | 24040   | LA        | Out of the Kitchen, Onto the Battlefield: Women in the Civil War                           | Crysta Smith, leasha<br>Francis, Harley Gaudet,<br>Myracle Harris           | Patrick Schmit    | Iberville Stem Academy          |
| 10:40 am | 24041   | MN        | Frontiers in Women's Combat Aviation: The Night Witches of WWII                            | Anna Berry, Marjorie<br>Stender   | Catherine Nachbar | East High School                |
| 11:00 am | 24042   | NE        | The Matchstick Girls   | Laney Knippelmeyer,<br>Johannah Bohling, Trinity<br>Grant, Kinsley Oestmann | Daniel Gossman    | Johnson-Brock Public<br>Schools |
| 11:20 am | 24043   | МО        | The Water that Still Ripples: How Harvey Milk Expanded the Frontier for LGBTQ+ Individuals | Dhruv Patel, Lydia Poppen,<br>Jackson Shaw                                  | Joel Slingerland  | CENTRAL HIGH                    |
| 11:40 am | 24044   | MD        | The Northern Dream   | Daniel Longe, Isaac<br>Koffi-Moyet, Zion Zackery                            | Samuel Manelski   | Loyola Blakefield               |



Building: SSU Room: Benjamin Banneker

| Time     | Entry # | Affiliate | Title   | Students  | Teacher              | School                                 |
|----------|---------|-----------|---|---|----------------------|--|
| 10:00 am | 24045   | IN        | The Alice Network   | Arya Goel, Sophia Pei,<br>Zaina Khan  | Ryan Ringenberg      | Carmel High School                     |
| 10:20 am | 24046   | UT        | Fair Labor Standards Act: Paving The Way to a Strong Economy  | Sariah Ashton, Cora Price,<br>Julianna Snow                                   | James Romrell        | Lakeridge Junior High                  |
| 10:40 am | 24047   | TX        | Falls and Frontiers   | Pierce Grove, Victoria<br>Magaña, Joaquin Peña,<br>Grace Garcia, Valeria Peña | Guillermo Muller     | VETERANS MEMORIAL<br>EARLY COLLEGE H S |
| 11:00 am | 24048   | NC        | 30,000 Feet: How a Group of Spunky Stewardesses<br>Overcame Prejudice in the Workplace to Launch a<br>Frontier for Women's Rights Starting with the Airline<br>Industry | Keira McKibben, Hannah<br>Jensen, Campbell Hodge,<br>Ava Karis Renegar        | Eliza Hardin         | Classical Scholars                     |
| 11:20 am | 24049   | MD        | Women Making Headlines  | Mallary Krieger, Rebekah<br>Mueller   | Kristin Frankenfield | Old Mill High School                   |
| 11:40 am | 24050   | NM        | Susan Magoffin and the Acceptance of Culture: People, Places and Ideas on the Frontier  | Isabel Curtis, Sofia Lira,<br>David Gorman, Sophia<br>Abeyta                  | Claudie Thompson     | SILVER HIGH                            |



**Building: SSU** Room: Hoff Theater

| Time     | Entry # | Affiliate | Title  | Students  | Teacher       | School                                       |
|----------|---------|-----------|--|---|---------------|--|
| 10:00 am | 24051   | AR        | Frontiering the Future: Hedy Lamarr  | Leila Wood, Isabella<br>Chapen, Lola Tapia                                | Erin Mills    | ALMA HIGH SCHOOL                             |
| 10:40 am | 24053   | NC        | The Long and Winding Road: How the Beatles Pioneered New Technologies in Combining Classical and Popular Music Creating a New Musical Mainstream | Ryan Worley, Asa Cobb,<br>Andrew Renegar, Preston<br>Beiler, James Thomas | Lisa Dillon   | Great Expectations                           |
| 11:00 am | 24054   | TN        | Graffiti: An American Artform  | Henry Absher, Drake<br>Williams, Jack Searby                              | Duke Richey   | McCallie School                              |
| 11:20 am | 24055   | VA        | A Mysterious Medical Frontier: Anesthesia and Its Unlikely Heroes  | Genevieve Jaeger, Marshall<br>Blankenship, Della<br>Williamson            | Nathan Munson | Jefferson Forest High                        |
| 11:40 am | 24056   | NJ        | "Misery made me a fiend": Mary Shelley's<br>Frankenstein and the Limitations of Science Past<br>and Present                                      | Xiying F, Karen Yang  | Mike Garzio   | West Windsor-Plainsboro<br>High School South |



| Time     | Entry # | Affiliate | Title   | Students  | Teacher          | School                          |
|----------|---------|-----------|---|---|------------------|---------------------------------|
| 10:00 am | 24057   | PA        | Bayard v. Singleton: An Influential Court Case in Early America                     | Chiara Brun                                     | Kenneth Kubistek | Riverview HS                    |
| 10:20 am | 24058   | HI        | One Child Too Many: A Frontier In China's Population                                | Dylan Matsui, Ava Ignacio                       | Sean Wagner      | Waiakea High School             |
| 10:40 am | 24059   | KY        | That's the Way It Is: Competition, Conflict, and the Space Race                     | Kaitlyn Nelson, Ava<br>Blackledge, Ivy Litton   | Genny Jenkins    | Rowan County Senior High School |
| 11:00 am | 24060   | MN        | Striking A Light: Matchgirls on the Frontier of Workers' Rights & New Unionism      | Karina Albrecht, Alma Jacox                     | Pamela Alsbury   | Christ's Household of Faith     |
| 11:20 am | 24061   | LA        | The Space Between Race and Gender: The Black Women Who Helped NASA Soar             | Aamaria Marshall, Aiyana<br>Herring, Mia Powers | Patrick Schmit   | Iberville Stem Academy          |
| 11:40 am | 24062   | CA        | People Power Revolution: Crossing Frontiers Into a New Age of Democracy and Freedom | Claudine Aquino, Nadine<br>Aquino               | Chris John Hauk  | Upland High School              |



| Time     | Entry # | Affiliate | Title  | Students  | Teacher         | School                      |
|----------|---------|-----------|--|---|-----------------|-----------------------------|
| 10:00 am | 24033   | СО        | Seen Through Blind Eyes: How the Invention of Braille Changed Education for Blind Individuals                  | Karissa Riskey, Adelaide<br>Gustafson   | Raluca Liles    | Caprock Academy             |
| 10:20 am | 24034   | MO        | Titanic: Frontiers on the Maritime Safety  | Layla Martin, Harrison<br>Boettler, Txhiajtxivmim Lee,<br>Edgar Tevalan                   | Daniel Williams | NEOSHO HIGH                 |
| 10:40 am | 24035   | GA        | Curious Mold to Miracle Drug: The Story of Penicillin  | Arwynn Presley, Rasaq<br>Olowoeshin, Jaylon Reese,<br>Olivia Broadway, Keira<br>Hankerson | Craig Goolsby   | Jonesboro High School       |
| 11:00 am | 24036   | AR        | "Sic Semper Tyrannis": Tyrants of Reconstruction   | Eaddie Sanchez, Vicky Liu,<br>Sarah Shoptaw, Olive Clair,<br>Jenesis Arevalo              | Aimee Mimms     | RUSSELLVILLE HIGH<br>SCHOOL |
| 11:20 am | 24037   | IA        | The Wright Brothers: Paving the Runway for Modern-Day Aeronautics by Flying Through the Frontier of Air Travel | Jason Strand, Isaac<br>Benscoter  | Susan Fritzell  | Marshalltown High School    |
| 11:40 am | 24038   | NH        | Child's Play: A Julia Child Skit   | Bladimir Figueroa-Cruz,<br>Reese Lincoln  | Meredith Brown  | Moultonborough Academy      |



Building: Art/Sociology Room: 1213

| Time     | Entry # | Affiliate | Title   | Students   | Teacher                         | School                              |
|----------|---------|-----------|---|--|---------------------------------|-------------------------------------|
| 10:00 am | 28001   | AZ        | The Internet: A Virtual Web of Communication Across the Informational Frontier                    | Michaela Thurston, Michelle<br>Yap, Jose Ramon Felix<br>Terrazas, Kim Zuleim<br>Pineda-Uribe | MacKenzie Uliasz                | Accelerated Learning<br>Laboratory  |
| 10:15 am | 28002   | HI        | Kaho'olawe Bombing: The Movement that Cannot be Silenced  | Lauryn Jim On, Ella<br>Cheung, Emma Chun   | Reid Wyatt                      | Iolani School                       |
| 10:30 am | 28003   | МО        | The Truman Doctrine and Marshall Plan: Building Up Western Europe at the Frontier of the Cold War | Stella Barratt, Brock Pyle   | Daniel Williams                 | NEOSHO HIGH                         |
| 10:45 am | 28004   | OK        | From Garage Band to the World Stage: Punk Rock's Influence on Societal Norms                      | Taylor Keeton, Karsen<br>Dollarhide  | Patty Sanders                   | Morrison High School                |
| 11:00 am | 28005   | КО        | Out of the Closets and Into the Streets: The Stonewall Riots                                      | Naomi Hsu, Dylan Hsiung  | Kevin Adams                     | Asia American International Academy |
| 11:15 am | 28006   | NY        | The Jazz Ambassadors: Playing the Frontiers of American Diplomacy                                 | Kaitlyn Choi, Madison Choi   | Theresa Cantwell                | JERICHO SENIOR HIGH<br>SCHOOL       |
| 11:30 am | 28007   | AS        | The General Allotment Act of 1887   | Francis Vaofanua, Ivette<br>Sialega, Malevine Polu   | Christian Saalea,<br>Kolose Ili | Tafuna High School                  |
| 11:45 am | 28008   | AR        | The 1899-1902 Philippines-American War: Identifying the Impacts of Imperialism                    | Jaymie Angtuaco, Eita<br>Shinkawa  | Lara Beard                      | Pulaski Academy                     |
| 12:00 pm | 28009   | GA        | Frontier of Female Physicians   | Tina Nguyen, Helena Minter,<br>Rose Pollard  | Lee Wright                      | Union Grove High                    |



| Time     | Entry # | Affiliate | Title  | Students   | Teacher         | School                                       |
|----------|---------|-----------|--|--|-----------------|--|
| 10:00 am | 28010   | NC        | The Frontier of Human Rights: Japanese Comfort Women   | Nishitha Daniel, Abby<br>Mocharnuk   | Morris Johnson  | Early College at Guilford                    |
| 10:15 am | 28011   | MO        | The Corps of Discovery On the Frontier   | Tucker Hughes, Jacob<br>Walley, Alyssa Thompson                                    | Paul Arnold     | RICHLAND HIGH                                |
| 10:30 am | 28012   | MA        | Boston Women Suffrage Movement   | Sofiya Goncharova, Leah<br>Wang, Lilly Meyi  | Kenneth Brooke  | Needham High                                 |
| 10:45 am | 28013   | KS        | Humanity Over Homophobia: Keith Haring and the AIDS Epidemic   | Isaac Lowe, Ellie Moore,<br>McKenna Swank  | Jordan Boyd     | Olathe West High School                      |
| 11:00 am | 28014   | MI        | The Great Expansion: The Australian Frontier Wars  | Sincyere Poe, Isaac<br>Gonzalez  | Elizabeth Gaede | Saginaw Arts and Sciences<br>Academy         |
| 11:15 am | 28015   | WA        | Nidoto Nai Yoni, "Let It Not Happen Again":<br>Navigating Belonging in the Frontier of Japanese<br>American Identity | Brietta Yi, Antonia Kwan,<br>Amy Du  | Janice Kwan     | Independent Entry                            |
| 11:30 am | 28016   | IL        | Hubble Telescope: Our Eye to the Universe  | Farid Sofiyev, Abhay<br>Agarwal, Mark Gingiss,<br>Lolla Tokmovtsev, Samuel<br>Fayn | Pat Ambrose     | Adlai E Stevenson High<br>School             |
| 11:45 am | 28017   | AL        | Project Paris: Baron Haussmann and His<br>Transformations  | Sinhyun Kim, Doyeon Kim,<br>John Wilhite   | Chris Flohr     | Auburn Jr High Sch                           |
| 12:00 pm | 28018   | NJ        | Concrete Monsters: The Narrative Behind Brutalist Housing  | Kiko Yoshihira, Anusha<br>Jadon  | Mike Garzio     | West Windsor-Plainsboro<br>High School South |



**Building: Benjamin** Room: 2119

| Time     | Entry # | Affiliate | Title   | Students   | Teacher          | School                                    |
|----------|---------|-----------|---|--|------------------|---|
| 10:00 am | 28019   | MA        | The Chinese Exclusion Act of 1882   | Nathalie Ly, Hanlin Zhang,<br>Joy Wang                           | Adam Weiss       | Winchester High School                    |
| 10:15 am | 28020   | KS        | Wiley's Poison Squad: A New Frontier of Food Safety and Public Health                                   | Emmaly Hagemeister,<br>Brady Inman                               | Susan Wolf       | Manhattan High School<br>West/East Campus |
| 10:30 am | 28021   | IL        | Blood Banks: A Medical Innovation that Saved Lives in WWII  | Kayla Garcia, Emma<br>Penumaka                                   | Bryanne Roemer   | Maine West High School                    |
| 10:45 am | 28022   | INT       | The Proclamation of 1763: Breaking the American Frontiers   | Jerry Weng, Jovian Ho  | Nathaniel Potson | QSI International School of Shenzhen      |
| 11:00 am | 28023   | OR        | The Wright Military Flyer: Spurring Aerial Combat Across the Globe                                      | Gavin Guyette, Ayden Miller                                      | Maureen Bruins   | St. Mary's School<br>Saint Mary's School  |
| 11:15 am | 28024   | КО        | At the Frontier of a New Musical History: Helmholtz and His Physiological Explanation of Tone Sensation | Evelyn En-Lu Tan,<br>Tsai-Chieh Wang                             | Sharon Gillette  | Asia American International<br>Academy    |
| 11:30 am | 28025   | TX        | The New American Women: From Flappers to Feminism   | Ismael Hernandez,<br>Johnathan Gonzalez,<br>Joanna Marie Alvarez | Megan Souchek    | NEW CANEY H S                             |
| 11:45 am | 28026   | GU        | The Revitalization of a Language Under Siege  | Dylan Francisco, Bas Schils                                      | Lazaro Quinata   | Father Dueñas Memorial High<br>School     |
| 12:00 pm | 28027   | СТ        | Janis Joplin: Crossing Frontiers in Blues and Rock Music  | Amelia Tart, Brooke<br>Romanski                                  | Karen Cook       | Norwich Free Academy                      |



Building: Benjamin Room: 3236

| Time     | Entry # | Affiliate | Title   | Students  | Teacher         | School  |
|----------|---------|-----------|---|---|-----------------|---|
| 10:00 am | 28028   | NJ        | Edward Jenner: A Revolutionary in the Frontier of Immunology                                | Jakiah Choudhury, Naima<br>Bari, Salma Ullah          | Jayne O'Neill   | Passaic County Technical<br>Institute         |
| 10:15 am | 28029   | TN        | Agent for Change: How the FDA Shaped the Frontier of Public Health Reform                   | Zaheen Chowdhury,<br>Yasmeen Mannan                   | Andre Clarke    | Pleasant View School                          |
| 10:30 am | 28030   | DE        | Washington's Step Into Modern Society   | Madeline Workman, Ritisha<br>Sarbajna, Aaliyah Sheikh | Brent Freccia   | Newark Charter High School                    |
| 10:45 am | 28031   | WI        | Harvey Girls: How Women Shaped the Western Frontier   | Alan Kanne, Liza Kanne                                | Elizabeth Kanne | Kanne Homeschool                              |
| 11:00 am | 28032   | IA        | Leaving the Past Behind: The Orphan Train Forges<br>New Frontiers for Child Welfare         | Elexa O'Neill, Ava Kirk                               | Suzan Turner    | Nashua-Plainfield<br>Junior-SeniorHigh School |
| 11:15 am | 28033   | WY        | Kennedy Exploring Peaceful Diplomacy During The Cuban Missile Crisis                        | Isaac Moser, Isaac Goralski                           | Jeff Brazil     | Jackson Hole High School                      |
| 11:30 am | 28034   | ID        | The Harlem Renaissance: The Exploration of African American Culture in the Shadow of Racism | Zechariah David, Adelaide<br>Shambora                 | Adam Mastalski  | Compass Public Charter<br>School              |
| 11:45 am | 28035   | SC        | Theft of the Mona Lisa  | Antwan Johnson, Nandasai<br>Allada, Carter Phelps     | Nicole Walker   | Ridge View High                               |
| 12:00 pm | 28036   | MS        | It's Water, Not Medicine: The Implementation of Fluoridated Tap Water that Saved Lives      | Ethan Liao, Max Feng,<br>Gordon Welch                 | julie heintz    | MS SCHOOL FOR MATH<br>AND SCIENCE             |



Building: Benjamin Room: 3315

| Time     | Entry # | Affiliate | Title   | Students  | Teacher              | School                               |
|----------|---------|-----------|---|---|----------------------|--------------------------------------|
| 10:00 am | 28037   | SD        | Woodstock '69: Peace, Love, and Music   | Olivia Spencer, Jackson<br>Schauer                                      | Deanna Fischbach     | Faith High School - 01               |
| 10:15 am | 28038   | WI        | Creation of The Automotive Assembly Line  | Carson Sylla, Brandon<br>Goede  | Carlene Baurichter   | Bangor High School                   |
| 10:30 am | 28039   | GA        | CHINESE EXCLUSION ACT: ?????The First Asians in America   | Gia Choy, Hannah Choy   | Sally Stanhope       | Chamblee Charter High<br>School      |
| 10:45 am | 28040   | DE        | Korematsu v. United States  | Jana Abounabet, Nayrouz<br>Tantush, Rishitha Maraka                     | Brent Freccia        | Newark Charter High School           |
| 11:00 am | 28041   | INT       | "I've Been Working on the Railroad": Chinese<br>Immigrants on the American Frontier                         | Maya Lily Dunn, Chang-Ting<br>Zhong                                     | Nathaniel Potson     | QSI International School of Shenzhen |
| 11:15 am | 28042   | СО        | Overlooked: How One Man's Eccentricity and<br>Genius Shaped Modern Computing and Artificial<br>Intelligence | Alexander Zhang, Michael<br>Gao   | Sean Costello        | Fairview High School                 |
| 11:30 am | 28043   | MD        | Vikings: Frontiers in History   | Atir Pradhan, Michael Lioe  | Monica Bond-Lamberty | Northwood High School                |
| 11:45 am | 28044   | MN        | Sesame Street: A New Frontier for Children's Education  | Nick McQuillan, Joe Barrett,<br>Connor Quinn                            | Jenn Androsky        | Cretin-Derham Hall                   |
| 12:00 pm | 28045   | NC        | I Am Death? The Manhattan Project: The Frontier<br>Opened by the Development of the First Nuclear<br>Weapon | Joey Politi, Adam Politi,<br>Slade Forkin, Rowan Forkin,<br>Ella Forkin | Nathan Gergel        | Cape Fear Academy                    |



Building: SSU Room: Pyon Su

| Time     | Entry # | Affiliate | Title   | Students                                       | Teacher                | School  |
|----------|---------|-----------|---|--|------------------------|---|
| 10:00 am | 28046   | NM        | Opium for Silver: Opened Western Trade Frontiers and the Fall of Dynastic China | Daniel Gonzales, Andrew<br>Ritter, Rohan Patel | Amy Page               | MORIARTY HIGH                                 |
| 10:15 am | 28047   | HI        | The Unsung Hero of Kalaupapa: Alice Ball and a Cure for Leprosy                 | Madison Murata, Amara<br>Martin                | Sarah Razee            | Kamehameha Schools -<br>Kapālama Campus       |
| 10:30 am | 28048   | WA        | Humanizing Religion: How Iconography Forged Buddhism's Path Across Frontiers    | Tara Bobbarjung, Halle<br>Jones, Kendall Rice  | Maik Hollinger         | Lake Washington High                          |
| 10:45 am | 28049   | WV        | Frontiers In Civil Rights: How Pearl S. Buck was a Pioneer for Asian Immigrants | Kathryn Southall, Aiden<br>Cunningham          | Cassie Clifton         | Robert C. Byrd School                         |
| 11:00 am | 28050   | NE        | Bessie Coleman: Defeating Adversity to Create Frontiers in History              | Rylie Beethe, Hannah Groth                     | Daniel Gossman         | Johnson-Brock Public<br>Schools               |
| 11:15 am | 28051   | LA        | Where Psychology Hadn't Gone Before: America as a Frontier in Autism Research   | AJ Moore, Amanda Owings                        | Karen Soileau          | Caddo Parish Magnet High<br>School            |
| 11:30 am | 28052   | IA        | Females in FFA: Forging New Frontiers in Farming and Beyond                     | Grace Dietz, Alison<br>Mehmen                  | Suzan Turner           | Nashua-Plainfield<br>Junior-SeniorHigh School |
| 11:45 am | 28053   | TN        | Einstein's Year Of Miracles   | Natalia Grzywacz-Jones                         | Karen Stanish          | L N STEM Academy                              |
| 12:00 pm | 28054   | UT        | Frontiers in History: The Highway Act of 1956                                   | Sang Hyun Chun, Vishwa<br>Murugappan           | Ji Young Chun (parent) | Hillcrest High School                         |



| Time     | Entry # | Affiliate | Title  | Students   | Teacher                        | School                                     |
|----------|---------|-----------|--|--|--------------------------------|--|
| 10:00 am | 28055   | СО        | "A Frontier for Love: The Couple That Changed America"                                   | Irene Kim, Noelle Diaz,<br>Madison Lee, Margot Klein                                     | Ed Glassman                    | Denver School Of The Arts                  |
| 10:15 am | 28056   | LA        | American Women's Revolution During the Vietnam War                                       | Christopher Armster, Justice<br>Roy, Tamia Downs, Tyler<br>Nereaux, Delaisha<br>Beckwood | Patrick Schmit                 | Iberville Stem Academy                     |
| 10:30 am | 28057   | MI        | 'Children Are Our Future'—Montessori's Frontiers in Education                            | Shafia Mahmood, Seojin<br>Lee, JingYi Ma, Jack Xu  | Michelle Slaviero              | Troy High School                           |
| 10:45 am | 28058   | OR        | Indelible: The Life and Legacy of Abigail Scott<br>Duniway                               | King Hey Chan, Justin Xia,<br>Jonathan Hu, Hyunsoo Lee,<br>Karthik Krishnamurthy         | Andrew Brown, John<br>Santella | Sunset High School<br>Westview High School |
| 11:00 am | 28059   | AR        | Henrietta Lacks: The Ethical, Racial, and Medical Impacts of the Stolen Cells            | Nyera Ali, Isabella Hancock,<br>Akshara Chevireddy                                       | Anthony Simmons                | Pulaski Academy                            |
| 11:15 am | 28060   | FL        | The Tuskegee Syphilis Study: Truths Behind Testing                                       | Reiss Goldman, Carsyn<br>Clanton   | Phillip Emond                  | EAST HILL CHRISTIAN<br>SCHOOL              |
| 11:30 am | 28061   | NY        | Sojourner, the First Planetary Rover: Changing the Face and Conduct of Space Exploration | Jowita Walkup, Mehjabin<br>Rahman, Mary Lee, Sophia<br>Zheng                             | Mordecai Moore                 | STUYVESANT HIGH<br>SCHOOL                  |
| 11:45 am | 28062   | PA        | Susan La Flesche: Doctor. Reformer. Trailblazer.   | Joseph lozzi, Brooklyn<br>Callaghan  | Jessica Knox                   | West Chester East HS                       |



| Time     | Entry # | Affiliate | Title   | Students                                | Teacher            | School                           |
|----------|---------|-----------|---|---|--------------------|----------------------------------|
| 10:00 am | 28063   | ОН        | "Women's Liberation is a Lesbian Plot!" ??????The Lavender Menace Meets The Feminist Frontier                 | Scarlet Price, Emma Rush                | Lance Mcgee        | Maysville High School            |
| 10:15 am | 28064   | TX        | A Time for Greatness: JFK's New Frontier and a Revitalized America  | Alexandra Hamilton,<br>Danielle Burke   | David Householder  | WILLIAM B TRAVIS H S             |
| 10:30 am | 28065   | IN        | The Council: A Frontier for Christianity  | Bailey Shidler, Isaac<br>Rentschler     | Kristin Rentschler | Columbia City High School        |
| 10:45 am | 28066   | ID        | The Transcontinental Railroad: Expansion of America   | Samantha Williams,<br>Gabriella Mosunic | Adam Mastalski     | Compass Public Charter<br>School |
| 11:00 am | 28067   | VA        | Revolutionizing Surgery: Ether Anesthesia   | Shriya Seshadri, Matthew<br>Kidd        | Stephanie Shimp    | West Springfield High            |
| 11:15 am | 28068   | NE        | Striking a Change in History: Match Girls Strike of 1888  | Eva Jaixen, Olivia Fitzgerald           | Trysta Asche       | Loup City High School            |
| 11:30 am | 28069   | MN        | Struggling to Protect the Frontier of the Boundary Waters Canoe Area Wilderness                               | Emily Boss, Bauer Houge                 | Jenn Androsky      | Cretin-Derham Hall               |
| 11:45 am | 28070   | CA        | "There's Blood on Those Grapes": How the Delano<br>Grape Strike Sprouted a Frontier for Working<br>Conditions | Bernice Hung, Rachel Kim                | Wind Ralston       | Portola High School              |



| Time     | Entry # | Affiliate | Title   | Students   | Teacher                  | School                              |
|----------|---------|-----------|---|--|--------------------------|-------------------------------------|
| 10:00 am | 28071   | IN        | The Seneca Falls Convention: The First Women's Rights Convention  | Abigail Lee, Manvi<br>Musunuru   | Ryan Ringenberg          | Carmel High School                  |
| 10:15 am | 28072   | AL        | Children: The Civil Rights Movement Strategy  | Shamaria Duncan, Amiyah<br>Smith   | Tamaka Kidd              | Mattie T Blount High Sch            |
| 10:30 am | 28073   | CA        | """Hope Will Never Be Silent:"" Harvey Milk's Crusade for LGBTQ+ Rights"                                  | Logan King, Bhargav<br>Shriram   | Shriram Krishnan         | American High School                |
| 10:45 am | 28074   | PA        | The Students Who Integrated Public Schools: How the Little Rock Nine Pushed the Frontier of Desegregation | Daniella Liang, Hannah<br>Paez, Nathanael Kassahun,<br>Margareth Tanusaputra | Liz Taylor               | Masterman Julia R Sec Sch           |
| 11:00 am | 28075   | VA        | The Impact of HeLa Cells: Remembering Henrietta Lacks   | Jay Ni, Hannah Chen  | Andrew Abeyounis         | Grafton High                        |
| 11:15 am | 28076   | AZ        | Claude Shannon?????????: Father of the Information Age????  | Brad Wu, Daniel Wu   | Stacey Trepanier         | Arizona College Prep High<br>School |
| 11:30 am | 28077   | WI        | Marie Curie: A New Frontier in Science  | Jillian Bilsborough,<br>Elizabeth Huevler, Grace<br>Gventer                  | Christopher<br>MacCallum | Cedarburg High School               |
| 11:45 am | 28078   | NM        | The Haber Process: The Frontier that Fed the World  | Ryan Chadwick, Anson<br>Beck, Makayla Martinez                               | Claudie Thompson         | SILVER HIGH                         |



| Time     | Entry # | Affiliate | Title  | Students  | Teacher            | School                                |
|----------|---------|-----------|--|---|--------------------|---------------------------------------|
| 10:00 am | 28079   | UT        | United States v. Wong Kim Ark: Establishing U.S. Minority Birthrights                              | Kyle Linnhan, Maylan<br>Jessop, Jenna Tran          | Melinda Reay       | Skyline High School                   |
| 10:15 am | 28080   | ОН        | Granville T. Woods: A Forgotten Pioneer of the Third Rail, Multiplex Telegram, and Emergency Brake | Tima Ewing, Nathan<br>Ballman                       | Sarah Davis        | Shaker Heights High School            |
| 10:30 am | 28081   | MD        | The Happiest Place On Earth  | Christopher Yeung, Nora<br>Rudmann                  | Stephanie Gomer    | Poolesville High School               |
| 10:45 am | 28082   | СТ        | The Vietnam War Memorial: How Maya Lin Revolutionized Memorial Design                              | Magda Lena Griffel, Sophia<br>Zhang                 | Al Meadows         | Wilbur Cross High School              |
| 11:00 am | 28083   | FL        | The Great Smallpox Vaccine: Surpassing Formidable Frontiers Through Immunization                   | Tiffany Siev, Diya Dipu Nair,<br>Charles Oberlander | David Koehler      | LARGO HIGH SCHOOL                     |
| 11:15 am | 28084   | NH        | The Women Who Saved: Female Pioneers In Medical Sciences   | Maddie Wilke, Cora<br>Buswell, Emma Putnam          | Joshua Beer        | Fall Mountain Regional High<br>School |
| 11:30 am | 28085   | OK        | Frontiers in Medicine: The Polio Vaccine   | Karington Hawk, Addisyn<br>Smith, Camden Lee        | Penny Heath        | Canton High School                    |
| 11:45 am | 28086   | IN        | Father of Heart Surgery Dr. Lillehei: The Pioneer that Explored New Frontiers                      | Josie Trahin, Ciara Clifford                        | Kristin Rentschler | Columbia City High School             |



| Time     | Entry # | Affiliate | Title  | Students            | Teacher                  | School                                     |
|----------|---------|-----------|--|---------------------|--------------------------|--|
| 10:00 am | 21001   | SC        | The March on Washington: 250,000 People and a Dream                                  | Lauren Wilder       | Christopher Weaver       | Porter Gaud School                         |
| 10:20 am | 21002   | NY        | The Camera as a Sword: Asian American Representation in Corky Lee's Photography      | William Ling-Regan  | Virginia Dillon          | Poly Prep Country Day<br>School            |
| 10:40 am | 21003   | FL        | A Frontier Within a Frontier: Cultural Compromise in San Francisco's Chinatown       | Allan An            | Suzanne<br>Bates-Miranda | FRANK W. SPRINGSTEAD<br>HIGH SCHOOL        |
| 11:00 am | 21004   | SD        | A New Frontier for Computer Science: The Morris Worm and the Growth of Cybersecurity | Sam Newitt          | Sandi Hurst              | Roosevelt High School, Sioux<br>Falls      |
| 11:20 am | 21005   | ОН        | The Unsung Heroines of the Apollo Program: Female Pioneers of the STEM field         | Qiwen Wu            | Kenneth Clark            | Hawken Upper School                        |
| 11:40 am | 21006   | OK        | HeLa is for HEnrietta LAcks  | Neha Kale           | Billy Tilman             | Classen High School Of<br>Advanced Studies |
| 1:00 pm  | 21007   | NM        | Lady Day's Strange Fruit   | Aidan McNeal        | Julie Gutierrez          | COBRE HIGH                                 |
| 1:20 pm  | 21008   | HI        | Sister Rosetta Tharpe and the Frontier of Rock and Roll                              | Malia Matsuno       | Jason Duncan             | Mililani High School                       |
| 1:40 pm  | 21009   | LA        | The Vietnam War: A Frontier in Mental Health Awareness                               | Kaitlyn Niestoeckel | Joseph Sherwin           | Caddo Parish Magnet High<br>School         |
| 2:00 pm  | 21010   | DE        | ONE Magazine: The Right to Community   | Lauren Seely        | Brent Freccia            | Newark Charter High School                 |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher          | School                                |
|----------|---------|-----------|--|-------------------|------------------|---------------------------------------|
| 10:00 am | 21011   | MA        | "Live at the Apollo:" The Stage for the African American Voices in America                     | Caitlin Alexander | Kathleen Dwyer   | Hingham High                          |
| 10:20 am | 21012   | NE        | How Pathbreaking Native Doctor, Susan La Flesche Picotte Crossed Frontiers in Nebraska History | Allison Lone Elk  | Trysta Asche     | Loup City High School                 |
| 10:40 am | 21013   | SD        | King Philip's War: Conquering America's First Frontier   | Thomas Alpers     | Sandi Hurst      | Roosevelt High School, Sioux<br>Falls |
| 11:00 am | 21014   | NV        | Visualizing Frontiers: George Catlin's Exploitation and Exultation of Native Americans         | Caitlyn Kim       | Gary Kaempfer    | The Meadows School                    |
| 11:20 am | 21015   | MI        | The Story of Silent Spring: A New Frontier of Environmental Science                            | Iniya Kumar       | Erika Berger     | Troy High School                      |
| 11:40 am | 21016   | IA        | Born Under Discrimination: How Jazz Became the Soundtrack of the Civil Rights Movement         | Ahana Devadas     | Sue Cline        | Johnston Middle School                |
| 1:00 pm  | 21017   | AR        | Johann Sebastian Bach: An Everlasting Legacy Since the 18th Century                            | Jana Abuelem      | Rachel Primm     | Pulaski Academy                       |
| 1:20 pm  | 21018   | NM        | A Fairytale Frontier: Snow White and the Seven<br>Dwarfs                                       | Joshua Beck       | Claudie Thompson | SILVER HIGH                           |
| 1:40 pm  | 21019   | NC        | From Chattel to Capitol Hill: The Politics of Black Americans During Reconstruction            | Adrian Tejada     | Morris Johnson   | Early College at Guilford             |
| 2:00 pm  | 21020   | СО        | The Trans Alaska Pipeline: A Frontier to Environmental Harm                                    | Rylan Neumann     | Sean Costello    | Fairview High School                  |



| Time     | Entry # | Affiliate | Title  | Students         | Teacher        | School                                 |
|----------|---------|-----------|--|------------------|----------------|--|
| 10:00 am | 21021   | DE        | No More Business as Usual: Fighting For HIV/AIDS Research                                  | Alanna Denault   | Brent Freccia  | Newark Charter High School             |
| 10:20 am | 21022   | МО        | Mother Jones, Pioneer of the Labor Frontier  | Elizabeth Arnold | Paul Arnold    | RICHLAND HIGH                          |
| 10:40 am | 21023   | TN        | "Indian Magna Carta": The Proclamation of 1763 and the Indigenous People's Rights Frontier | Jelena Armsworth | Karen Stanish  | L N STEM Academy                       |
| 11:00 am | 21024   | MN        | The Minnesota Model: A Frontier in Addiction<br>Treatment                                  | Abigail Peters   | Amy Weigel     | Roseville Area High School             |
| 11:20 am | 21025   | PA        | All Aboard: The Pullman Porters' Fight for Unity   | Ray Eggerts      | Liz Taylor     | Masterman Julia R Sec Sch              |
| 11:40 am | 21026   | FL        | A Sunny Day on Sesame Street   | Emily Dorman     | Robert Kennedy | ORLANDO SCIENCE MIDDLE<br>HIGH CHARTER |
| 1:00 pm  | 21027   | VT        | Maria Tallchief: Crossing New Frontiers in the Ballet World and Pushing for Change         | Elly Budliger    | Kara Rosenberg | Union 32                               |
| 1:20 pm  | 21028   | NC        | Sonic Boom: Crossing the Frontier Into Music Made With Electricity                         | Grace Kushigian  | Lisa Dillon    | Great Expectations                     |
| 1:40 pm  | 21029   | AZ        | Unbought & Unbossed: Shirley Chisholm, Crossing the Political Frontier                     | Molly Budhiraja  | Andrew Estes   | BASIS Peoria                           |
|          |         |           |  |                  |                |  |



**Building: CCC** Room: 1105

| Time     | Entry # | Affiliate | Title   | Students      | Teacher         | School                                |
|----------|---------|-----------|---|---------------|-----------------|---------------------------------------|
| 10:00 am | 21030   | WY        | Where Words Fail, Music Speaks  | Jack Pharaoh  | Luke Deurmier   | Greybull High School                  |
| 10:20 am | 21031   | TX        | Cotton: Pushing Humans to New Frontiers   | Zane Asadi    | Ming Jih        | DEBAKEY H S FOR HEALTH<br>PROF        |
| 10:40 am | 21032   | WA        | Politics, Punk and Empowerment: The Impact of the Riot Grrrl Movement                     | Aubrey Grier  | Beth Doughty    | Prairie High School                   |
| 11:00 am | 21033   | NY        | Little Rock: A Frontier of the Global Cold War  | Lawson Wright | Melissa Morales | Horace Mann School                    |
| 11:20 am | 21034   | UT        | Marie Curie: Pioneering Radioactivity   | Brooke Wayman | Abbie Butler    | Mountain Heights Academy              |
| 11:40 am | 21035   | MI        | Opening up the Skies Above the Seas: A New Frontier in Warfare                            | Zackary Howey | Tara Fugate     | Fraser High School                    |
| 1:00 pm  | 21036   | IL        | Louis Armstrong: The Harmonic Progression of Civil Rights                                 | Ansley Diep   | Pankaj Sharma   | Niles North High School               |
| 1:20 pm  | 21037   | ID        | The History and Impact of Hip Hop   | Shayla Mager  | Kimberly Macedo | Idaho Arts Charter School             |
| 1:40 pm  | 21038   | CO        | Dividing the Waters: How the Colorado River Compact Transformed the Southwestern Frontier | Wren Capra    | Celeste Archer  | Colorado Student Leaders<br>Institute |



Building: CCC Room: 1111

| Time     | Entry # | Affiliate | Title  | Students                | Teacher          | School                                 |
|----------|---------|-----------|--|-------------------------|------------------|--|
| 10:00 am | 21039   | RI        | The Sub-Zero Senate Floor: The Origin of the ESRB  | Joshua Tucker           | Michael McNamara | Ponaganset High School                 |
| 10:20 am | 21040   | INT       | Creating Battleship Potemkin: A New Frontier in Filmmaking   | Mo Han Liu              | Mathew Cameron   | Chiang Mai International School (CMIS) |
| 10:40 am | 21041   | DC        | Shirley Chisholm: Trailblazer in American Politics   | Yuanjia (Phoenix) Zhang | Cosby Hunt       | Real World History                     |
| 11:00 am | 21042   | KS        | Viva la Huelga: The Delano Grape Strike  | Rebecca Tang            | Lori Schock      | Derby High School                      |
| 11:20 am | 21043   | VA        | The Frontier of Richmond: Battleground for Segregation   | Michael Trownsell       | Danny Wise       | The New Community School               |
| 11:40 am | 21044   | NH        | Reclaiming the Female Narrative in Ancient Greece: Helen of Troy   | Anushka Noori           | Kent McConnell   | Phillips Exeter Academy                |
| 1:00 pm  | 21045   | ME        | The Industrial Revolution Meets the Green<br>Revolution, Pushing the Frontier of Maine Potato<br>Crop Yields | Sarah Hartford          | Benjamin Hale    | John Bapst Memorial High<br>School     |
| 1:20 pm  | 21046   | UT        | Wat Misaka: Frontiering Racial Diversity in the NBA  | Kimari Perng            | Abbie Butler     | Mountain Heights Academy               |
| 1:40 pm  | 21047   | MD        | Wade in the Water: How African Americans Got Back Into the Pool  | Sarah Giroux            | Matthew Hetrick  | The Bryn Mawr School                   |
|          |         |           |  |                         |                  |  |



Building: CCC Room: 1115

| Time     | Entry # | Affiliate | Title   | Students          | Teacher           | School                                   |
|----------|---------|-----------|---|-------------------|-------------------|--|
| 10:00 am | 21048   | INT       | How long? Not long. The March on Selma  | Rosalie Johnson   | Michelle Johnson  | American International School<br>Chennai |
| 10:20 am | 21049   | WI        | Florence Kelley: Frontiers in Labor History   | Laine Sperry      | Jennifer Sperry   | Nicolet High School                      |
| 10:40 am | 21050   | TX        | Image Is Everything: Richard Nixon's New Political Frontier   | Maci Hill         | Suzonna McFarlain | LIVINGSTON H S                           |
| 11:00 am | 21051   | IA        | Catalyzing The Environmental Movement: Rachel Carson's Cry Pierces A Silent Spring                                    | Mallory Deutmeyer | Michele Willet    | North Scott Senior High<br>School        |
| 11:20 am | 21052   | СТ        | Operation Sunshine: How the Nautilus's Crossing of the Polar Frontier Allowed America to Emerge from Sputnik's Shadow | Claire Flynn      | Jessica Blitzer   | Conard High School                       |
| 11:40 am | 21053   | MD        | Black Wall Street: The Majestic Story of Wealth in All-Black Towns  | Charan Bala       | Jessica Nichols   | River Hill High School                   |
| 1:00 pm  | 21054   | MS        | Emerging Voices of the Youth: The SDS's Role in<br>Breaking Political Barriers  | Nathan Little     | Kayla Hester      | MS SCHOOL FOR MATH<br>AND SCIENCE        |
| 1:20 pm  | 21055   | WY        | WWII Aerial Bombing: Exploring the Frontiers of the Rules of War  | Georgiana Mueller | Jeff Brazil       | Jackson Hole High School                 |
| 1:40 pm  | 21056   | IN        | Virginia Apgar: Crossing the Frontiers in Newborn Health  | Divya Ariyur      | Ryan Ringenberg   | Carmel High School                       |



| Time     | Entry # | Affiliate | Title   | Students          | Teacher             | School                          |
|----------|---------|-----------|---|-------------------|---------------------|---------------------------------|
| 10:00 am | 21057   | KY        | Chinese American War Reactions: A Frontier of Perceptions   | Grace Yi          | Tracy Kurzendoerfer | Lafayette High School           |
| 10:20 am | 21058   | AZ        | Metallica: The Impact of The Black Album  | Noah Franko       | Dylan Crane         | BASIS Phoenix                   |
| 10:40 am | 21059   | GA        | Idlewild: Black Eden The Town That Segregation<br>Built   | Temple Lester     | Sally Stanhope      | Chamblee Charter High<br>School |
| 11:00 am | 21060   | МО        | Economic Redevelopment over Community Preservation: The Frontier of Urban Renewal that Transformed our Cities | Rohan Deshpande   | MEGAN BURIAN        | MARQUETTE SR. HIGH              |
| 11:20 am | 21061   | NJ        | The Matchgirls Strike: Sparking a Frontier of Unions to Reform Working Conditions                             | Jiyaa Revankar    | Priscilla Taylor    | Lawrence High School            |
| 11:40 am | 21062   | KS        | Kansas City Jazz: A Frontier for Black Success  | Mia Rasmussen     | Sonja Czarnecki     | Bishop Seabury Academy          |
| 1:00 pm  | 21063   | AK        | Nina Simone: Music as a Political Weapon  | Tierra Kazenoff   | Heather Damario     | West Valley High School         |
| 1:20 pm  | 21064   | IL        | A Terrible Project: How Urban Renewal Destroyed Chicago   | Giovanni Bautista | Pankaj Sharma       | Niles North High School         |
| 1:40 pm  | 21065   | MN        | Putting It All on the Line in Luverne: A New Frontier of Teacher Strikes                                      | Sonja Holtey      | Courtney Major      | Edina High School               |
|          |         |           |   |                   |                     |                                 |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher            | School                                       |
|----------|---------|-----------|--|-----------------|--------------------|--|
| 10:00 am | 21066   | NJ        | "Cold War's Hot Kitchen": How Kitchen Debate unfurled a new frontier for 'cultural offensives' | Renee Pujara    | Mike Garzio        | West Windsor-Plainsboro<br>High School South |
| 10:20 am | 21067   | КО        | The Korean War: A Physical and Spiritual Border  | Sojeong Yoon    | Sophia Lee         | Cornerstone Collegiate Academy of Seoul      |
| 10:40 am | 21068   | CA        | Cam-Era: Gordon Parks, Confronting Frontiers to<br>Show America to Itself                      | Hannah Cho      | Deanna Myers       | Northwood High School                        |
| 11:00 am | 21069   | LA        | Nuclear Energy: An Industrial Frontier Steeped In Turmoil                                      | Jacob Humphreys | Karen Soileau      | Caddo Parish Magnet High<br>School           |
| 11:20 am | 21070   | SC        | Airborne: The Story of Charles Lindbergh's Groundbreaking Flight                               | Elizabeth Kulka | Christopher Weaver | Porter Gaud School                           |
| 11:40 am | 21071   | WA        | The FSA Photo Project: Pushing the Frontiers of Photography                                    | Katie Ng        | Kim Matthews       | Woodinville HS                               |
| 1:00 pm  | 21072   | ОН        | Frontiers of Democracy: Students for a Democratic Society                                      | Jiahe Su        | Sarah Horgan       | Western Reserve Academy                      |
| 1:20 pm  | 21073   | IN        | Sesame Street: A Pioneer in Educational Media  | Sophia Fu       | Jocelyn Coe        | Carmel High School                           |
| 1:40 pm  | 21074   | VA        | The Interstate Highway System: From Wagon Trails to Superhighways                              | Caroline Bruton | Stephanie Hammer   | William Monroe High                          |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher         | School                            |
|----------|---------|-----------|--|-----------------|-----------------|-----------------------------------|
| 10:00 am | 21075   | KY        | Mountaineers Are Always Free: The United Mine Workers Fight To Save The West Virginia Miner  | Foster Banks    | Jackie Banks    | Battle of Richmond<br>Association |
| 10:20 am | 21076   | PA        | Beam Me Up to Equality: How Nichelle Nichols Shaped "The Final Frontier"   | Sarah Zdancewic | Liz Taylor      | Masterman Julia R Sec Sch         |
| 10:40 am | 21077   | HI        | Military Intelligence Service: A Frontier to Fight Prejudice   | Althea Juan     | Micah Benavitz  | Mililani High School              |
| 11:00 am | 21078   | CT        | Frontiers in "Mental Hygiene": How Clifford W. Beers Shifted Attitudes Towards Mental Health   | Jonaily Colon   | danny roque     | High School In The Community      |
| 11:20 am | 21079   | GA        | German Expressionism: Pioneering Artistic Expression Through Cinema  | Anthony Coulter | Sally Stanhope  | Chamblee Charter High<br>School   |
| 11:40 am | 21080   | NH        | Coming to America: How Did the Implementation of the Immigration and Nationality Act of 1965 Initiate a New Frontier of Pro-Immigration Policies in America? | Mia Cantacesso  | Tristan Husby   | Pelham High School                |
| 1:00 pm  | 21081   | MA        | Expanding the Frontier of Boston's Rapid Transit System: A Fight to Move Forward   | Evan Kelly      | Patrick Culhane | Bedford High                      |
| 1:20 pm  | 21082   | NE        | The Carnival that Pioneered the NICU   | Cori Barwick    | Ann Mays        | Hastings High School              |
| 1:40 pm  | 21083   | CA        | Glen Canyon: Frontiers Opened, Paradise Flooded  | Shea McGrath    | Mary Ong-Dean   | Francis Parker School             |



**Building: SSU** Room: Thurgood Marshall

| Time     | Entry # | Affiliate | Title   | Students              | Teacher         | School                          |
|----------|---------|-----------|---|-----------------------|-----------------|---------------------------------|
| 10:00 am | 21084   | WI        | John Coltrane, Music Visionary  | Isaac Hessman         | Carrie Bohman   | Madison West High School        |
| 10:20 am | 21085   | RI        | A Pioneer Saving Infant Lives: Virginia Apgar   | Tate Payne            | Sharon Franco   | Toll Gate High School           |
| 10:40 am | 21086   | KO        | Pushing America's Economy - Shopping Cart   | Danwoo Kim            | Steven Nave     | Seoul International School      |
| 11:00 am | 21087   | AR        | The British Are Coming!: The Lasting Effect of British Rock & Roll Frontiers in the United States | Lance Nolen           | Rachel Primm    | Pulaski Academy                 |
| 11:20 am | 21088   | VT        | The Artists of Yellowstone: Thomas Moran and William Henry Jackson                                | Taylor Smith          | Sheri Smith     | Homeschool                      |
| 11:40 am | 21089   | AL        | How Did Alabama Dry Dock and Shipbuilding Company Help The Future of Mobile, Alabama              | Ddwayne Lockett-James | Sarah Woltring  | Murphy High Sch                 |
| 1:00 pm  | 21090   | TN        | The Vision For Africa   | Joshua Mignott        | Duke Richey     | McCallie School                 |
| 1:20 pm  | 21091   | ND        | The Arab Revolt of 1916   | Angelina Kappen       | Melissa Evensen | NORTH HIGH SCHOOL               |
| 1:40 pm  | 21092   | ID        | The Magna Carta: A Frontier in Human Rights   | Daniel Cahill         | Erica Serros    | Riverstone International School |



### **Senior Individual Exhibit Round 1**

Building: Grand Ballroom Room: Group A

| Time     | Entry # | Affiliate | Title  | Students         | Teacher           | School  |
|----------|---------|-----------|--|------------------|-------------------|---|
| 11:00 am | 25001   | UT        | Setting Europe Ablaze: The Fearless Female Spies of the SOE  | Rebekah Allison  | John McNeill      | Granger High School                                 |
| 11:15 am | 25002   | MI        | Afghan Mujahideen: Catalyst for Collapse; Changing the Communist Frontier  | Aliah Mohmand    | Bradley Ihrcke    | Kalamazoo Central High<br>School                    |
| 11:30 am | 25003   | NE        | Sputnik: Space is the New Frontier   | Jacob Jones      | Kim Henry         | Loup City High School                               |
| 11:45 am | 25004   | VA        | Out of the Blue: The Untold Story of Vivien Thomas   | Megana Kumar     | Dalton Savage     | Thomas Jefferson High for<br>Science and Technology |
| 1:00 pm  | 25005   | NC        | Muckraking and Mental Health: The Boundary Breaking Investigations of Nellie Bly                                     | Nova Leuchtmann  | Naomi Barlaz      | Cary Academy  |
| 1:15 pm  | 25006   | ID        | Classified: The Concealed Life of Pioneering Codebreaker Elizebeth Smith Friedman                                    | Reece Culbertson | Ashley Culbertson | Culbertson Homeschool                               |
| 1:30 pm  | 25007   | IL        | One Cent Sensation: How the Penny Press<br>Redefined American Journalism   | Elizabeth Yuan   | Pat Ambrose       | Adlai E Stevenson High<br>School                    |
| 1:45 pm  | 25008   | PA        | Changing the Landscape of the Movie Industry Walt Disney: Pioneer of Animation To Think it All Started With ARabbit? | Zac Meyers       | Joshua Elders     | Peters Twp HS                                       |
| 2:00 pm  | 25009   | MA        | Women Soldiers Fighting in the American Civil War  | Sarah Wilson     | Kenneth Brooke    | Needham High  |
|          |         |           |  |                  |                   |   |



### **Senior Individual Exhibit Round 1**

**Building: Grand Ballroom** Room: Group B

| Time     | Entry # | Affiliate | Title   | Students            | Teacher               | School                                   |
|----------|---------|-----------|---|---------------------|-----------------------|--|
| 11:00 am | 25010   | GA        | Unwritten To Unbroken: The Navajo Secret Code   | Payton McConnell    | Laree Findley         | Robert Toombs Christian<br>Academy       |
| 11:15 am | 25011   | INT       | Reconstruction of Japan   | Airi Otani          | Michelle Johnson      | American International School<br>Chennai |
| 11:30 am | 25012   | GU        | A "Sense of Purpose": Dr. Robert Anacletus Underwood                                  | Vinicia Kim         | Chellette San Nicolas | St. John's School                        |
| 11:45 am | 25013   | ОН        | The Bronx Boogie Down Borough: The Frontier That Birthed Hip-Hop Culture              | Kennedi Curry       | Sarah Davis           | Shaker Heights High School               |
| 1:00 pm  | 25014   | HI        | The Merrie Monarch: Advancing the Frontier of Hawai'i's Cultural Revival Through Hula | Ainsley Coullahan   | Genevieve Matsumura   | Mililani High School                     |
| 1:15 pm  | 25015   | MN        | Charles Schultz: A Silent Voice in the Frontier of Inclusion                          | Aalexis Gunther     | Danielle Buckmeier    | Kennedy Secondary School                 |
| 1:30 pm  | 25016   | NJ        | William Morton: Pioneer of Pain-Free Medical Procedures                               | Juno Moon           | Albert Spiegel        | Bergen Catholic High School              |
| 1:45 pm  | 25017   | NY        | Muckraking and Meatpacking: the Legacy of Upton Sinclair                              | Kikyo Makino-Siller | Mordecai Moore        | STUYVESANT HIGH<br>SCHOOL                |
| 2:00 pm  | 25018   | IN        | The Radium Girls: Radioactive Reformers   | Riya Koya           | Ryan Ringenberg       | Carmel High School                       |



### **Senior Individual Exhibit Round 1**

Building: Grand Ballroom Room: Group C

| Time     | Entry # | Affiliate | Title   | Students            | Teacher          | School                        |
|----------|---------|-----------|---|---------------------|------------------|-------------------------------|
| 11:00 am | 25019   | GA        | Hungry Hungry Boll Weevil   | Madelyn Reardanz    | Zachary Barfield | Ola High School               |
| 11:15 am | 25020   | TX        | A New Age of Politics: Barbara Jordan's Influence on<br>the Exposure of African American Female<br>Representation in Government | Kevin Majka         | Jan Martinez     | ODYSSEY ACADEMY - BAY<br>AREA |
| 11:30 am | 25021   | CA        | Edward Jenner's Experimentation: Pushing the Frontier of Science and Transgressing Ethical Boundaries                           | Baran Daliri        | Jane Koch        | University High School        |
| 11:45 am | 25022   | МО        | Elizabeth Blackwell: A Pioneer for Women in the Medical Profession  | Elizabeth Ighoyivwi | Angie Allison    | OAK GROVE HIGH                |
| 1:00 pm  | 25023   | AZ        | Pioneering Animation  | Virginia Sharp      | Mary Hall        | Northwest Christian Schools   |
| 1:15 pm  | 25024   | UT        | "If You Can Dream It, You Can Do It": How Disney Revolutionized Art and Amusement Through Innovation and Imagination            | Rachel Parke        | Abbie Butler     | Mountain Heights Academy      |
| 1:30 pm  | 25025   | KS        | Freedom's Frontier: The Lecompton Constitution  | Aiden Najafizadeh   | Sonja Czarnecki  | Bishop Seabury Academy        |
| 1:45 pm  | 25026   | КО        | "Obey the Labor Standards Act" "We are not Machines": Jeon Tae-il's Self-immolation   | Seoyun Kwon         | Jenny Park       | CMIS Canada                   |
| 2:00 pm  | 25027   | NM        | The Heliocentric Theory   | Isabel Smith        | Claudie Thompson | SILVER HIGH                   |
|          |         |           |   |                     |                  |                               |



Building: Grand Ballroom Room: Group D

| Time     | Entry # | Affiliate | Title  | Students          | Teacher          | School                               |
|----------|---------|-----------|--|-------------------|------------------|--------------------------------------|
| 11:00 am | 25028   | DE        | The Double Helix and Breaking the Genetic Code                                       | Irwin Wang        | Erin Sullivan    | Cab Calloway School Of The<br>Arts   |
| 11:15 am | 25029   | VT        | The Forgotten Children: The Story of the Chinchorro Mummies                          | Annabelle Morland | Mark Brown       | Union 32                             |
| 11:30 am | 25030   | WY        | Ford's Formidable Frontier   | Wyatt Griffin     | Rose Robertson   | Pinedale High School                 |
| 11:45 am | 25031   | MA        | It's All Downhill From Here: How Skiing<br>Revolutionized Winter Transport           | Lorelai Eidswick  | Jaime Sullivan   | Franklin High                        |
| 1:00 pm  | 25032   | TN        | The Forgotten Astronomer: How Henrietta Swan Leavitt Expanded Astronomical Frontiers | Ashlynn York      | Kristen Johnson  | Clarksville Academy<br>(Clarksville) |
| 1:15 pm  | 25033   | HI        | Irish Immigration in Boston: The Catholic Frontier                                   | Luke Anderson     | Grant Bramer     | Mililani High School                 |
| 1:30 pm  | 25034   | CA        | Blood Transfusion: A Lifesaving Frontier in History                                  | Emily Shin        | Michael Nugent   | Centennial High School               |
| 1:45 pm  | 25035   | RI        | The National Woman's Party Fights For The Nineteenth Amendment                       | Sanvi Parekh      | Timothy Hayes    | Toll Gate High School                |
| 2:00 pm  | 25036   | NM        | Jacques Cousteau: A Frontier in Ocean Explorations                                   | Katelyn Rogers    | Claudie Thompson | SILVER HIGH                          |



Building: Grand Ballroom Room: Group E

| Time     | Entry # | Affiliate | Title  | Students       | Teacher        | School                                |
|----------|---------|-----------|--|----------------|----------------|---------------------------------------|
| 11:00 am | 25037   | SD        | Women's Baseball During WWII as a Frontier for Equality              | Norah Ness     | Sandi Hurst    | Roosevelt High School, Sioux<br>Falls |
| 11:15 am | 25038   | МО        | Great Chicago Fire: The Frontier to a New City                       | Eric Nguyen    | Derek Frieling | LAFAYETTE HIGH                        |
| 11:30 am | 25039   | WA        | Occupy Fort Lawton! Reclaiming Seattle's Frontier for Tribal Justice | Kaitlin Medina | John Zingale   | Vancouver iTech Preparatory           |
| 11:45 am | 25040   | CO        | Lenny Bruce: Pioneering Frontiers in Issue Comedy                    | Piper Moss     | Ed Glassman    | Denver School Of The Arts             |
| 1:00 pm  | 25041   | ОН        | Dr. Jane C. Wright: Pioneer in Oncology                              | Elise Lopez    | Sarah Davis    | Shaker Heights High School            |
| 1:15 pm  | 25042   | TN        | The Printing Press: Crossing a Frontier                              | Lenore Sanders | Laura Foster   | Girls Preparatory School              |
| 1:30 pm  | 25043   | LA        | Madame C.J. Walker: The African-American Philanthropist and Pioneer  | Ka'Mya Harris  | Erin Taylor    | Ouachita Parish High School           |
| 1:45 pm  | 25044   | AL        | The Frontier: Mini Skirts  | Mya Pettaway   | Sarah Woltring | Murphy High Sch                       |
| 2:00 pm  | 25045   | IL        | The Collapse Of The Ideal Chicana - The Chicana Feminist Movement    | Cynthia Cruz   | Andrea Cavedo  | CICS Northtown Academy                |



Building: Grand Ballroom Room: Group F

| Time     | Entry # | Affiliate | Title   | Students         | Teacher          | School                               |
|----------|---------|-----------|---|------------------|------------------|--------------------------------------|
| 11:00 am | 25046   | СТ        | The Boom Heard 'Round the World: The Development and Deployment of the Atomic Bomb  | Kate Rodriguez   | Eric Mongirdas   | Staples High School                  |
| 11:15 am | 25047   | SD        | The First Successful Flight by the Wright Brothers as a Frontier for Air Travel   | Reid Hermanson   | Sandi Hurst      | Roosevelt High School, Sioux Falls   |
| 11:30 am | 25048   | DE        | The Navajo Code Talkers and the Unbreakable Cipher of World War II  | Sarah Freville   | Andrew Bozanic   | Padua Academy                        |
| 11:45 am | 25049   | TX        | Window to the Universe: How the Hubble Space Telescope Revolutionized the Study of Astronomy  | Carter Holton    | Megan Souchek    | NEW CANEY H S                        |
| 1:00 pm  | 25050   | AR        | Game, Set, Match: Billie Jean King's Victory on the Gender Equality and Social Justice Frontier                                     | Allie Thomas     | Lara Beard       | Pulaski Academy                      |
| 1:15 pm  | 25051   | WI        | Social Security: A Frontier in Financial History  | Roella Weiss     | Andrew Johnson   | Wildlands Science Research<br>School |
| 1:30 pm  | 25052   | КО        | Storytelling Through Lenses: Lewis Hine, a Pioneer of Social Photography Who Fought Against Child Labor in the U.S.                 | Deul Choi        | Russell Williams | Korea International School<br>Pangyo |
| 1:45 pm  | 25053   | LA        | Frontiers of Medicine and Social Justice: Medical Studies on African Americans in the 20th Century and the Implications that Follow | Derrick Frierson | Joseph Sherwin   | Caddo Parish Magnet High<br>School   |
| 2:00 pm  | 25054   | KY        | Women in World War II: Expanding Women's Military Frontier  | Samantha Stone   | Abigail Kremer   | Mercy Academy (Louisville)           |



Building: Grand Ballroom Room: Group G

| Time     | Entry # | Affiliate | Title   | Students                 | Teacher             | School                                       |
|----------|---------|-----------|---|--------------------------|---------------------|--|
| 11:00 am | 25055   | VT        | The Congress Of Vienna  | Habiboullah Ould Meiloud | Mark Brown          | Union 32                                     |
| 11:15 am | 25056   | MD        | Vivien Thomas: A Pioneer Who Transformed Cardiac Surgery            | Liwen Yang               | Tim Hanson          | Bullis School                                |
| 11:30 am | 25057   | AK        | The Race Into Space: A Competition Between Two Cold War Rivals      | Nate Elsner              | Nicholas Graves     | West Valley High School                      |
| 11:45 am | 25058   | NH        | First Female Fighter Pilot  | Ava Cathey               | Gabrielle Anderson  | Oyster River High School                     |
| 1:00 pm  | 25059   | DC        | Rontgen Rays: The Discovery of X-Rays                               | Ellie Suh                | Julia Lopez Fuentes | National Cathedral School                    |
| 1:15 pm  | 25060   | WY        | The Equal Rights Amendment: The Failure of the Frontier of Feminism | Delilah Irby             | Jeff Brazil         | Jackson Hole High School                     |
| 1:30 pm  | 25061   | ND        | Radium Girls  | Erika Rosa               | Melissa Evensen     | NORTH HIGH SCHOOL                            |
| 1:45 pm  | 25062   | NJ        | Ann Preston & the WMCP: Pioneering Women's Medical Education        | Niranjan Mohanraj        | Chris Bond          | West Windsor-Plainsboro<br>High School North |
| 2:00 pm  | 25063   | WA        | From Essential to Excluded: The Chinese on the Western Frontier     | Cindy Yang               | ANDREW IVY          | Tesla STEM High School                       |



**Building: Grand Ballroom Room: Group H** 

| Time     | Entry # | Affiliate | Title   | Students         | Teacher                      | School                       |
|----------|---------|-----------|---|------------------|------------------------------|------------------------------|
| 11:00 am | 25064   | FL        | HMS Dreadnought and the Technological Frontier at Sea   | Sachin Desilva   | Steven Sain                  | BAY HIGH SCHOOL              |
| 11:15 am | 25065   | CO        | The World Under the Oceans: Marie Tharp and Ocean Cartography                                 | Elizabeth Thomas | Shelby Lewis                 | Caprock Academy              |
| 11:30 am | 25066   | ID        | Crossing the Medical Frontier: How Dr. Charles Drew Changed the Face of Emergency Medicine    | Olivia Judah     | Challis McWilliams           | McWilliams Homeschool        |
| 11:45 am | 25067   | KS        | New Zealand Women's Suffrage: Breaking Frontiers and Paving the Way for a New Era of Equality | Teah Heald       | Brian Holthus                | Olathe Northwest High School |
| 1:00 pm  | 25068   | RI        | Wright Flight   | Lauren Hogan     | Margaret<br>Kerr-Vanderslice | Ponaganset High School       |
| 1:15 pm  | 25069   | AR        | Marie Curie: The Mother of Radiotherapy Treatment   | Luke Stovall     | Erin Mills                   | ALMA HIGH SCHOOL             |
| 1:30 pm  | 25070   | NC        | Printing Press Leads to Academic Success!   | Jacob Rice       | Chadwick Goins               | New Hanover High             |
| 1:45 pm  | 25071   | СТ        | "Hold On To The Land": The Treaty of Hartford and its Eradication of Pequot Frontiers         | Mary Lynch       | Jennifer McMunn              | E. O. Smith High School      |



Building: Grand Ballroom Room: Group I

| Time     | Entry # | Affiliate | Title  | Students           | Teacher            | School                                 |
|----------|---------|-----------|--|--------------------|--------------------|--|
| 11:00 am | 25072   | IA        | Making the Best Better, How Jessie Field<br>Shambaugh Crossed the Frontier Into a New Rural<br>America | Tatum Watkins      | Linda Vanden Bosch | Clarinda High School                   |
| 11:15 am | 25073   | NE        | Lewis and Clark: Explorers of the Western Frontier   | Lauren Buban       | Shelby Sedlacek    | Westside Middle School                 |
| 11:30 am | 25074   | IN        | The Fashion Design Career of Halston: A Frontier in Hoosier History                                    | Aphtyn Earley      | Lynn Norris        | Sullivan High School                   |
| 11:45 am | 25075   | FL        | Frontier in Korean History: Sejong the Great   | Ana Jeong          | adam carpenter     | SEMINOLE HIGH SCHOOL                   |
| 1:00 pm  | 25076   | INT       | Da Vinci: Forging a Path to the Future   | Yina Yao           | Mathew Cameron     | Chiang Mai International School (CMIS) |
| 1:15 pm  | 25077   | KY        | Womens Suffrage!   | Kaitlyn Gilbert    | edward weedman     | Grayson County High School             |
| 1:30 pm  | 25078   | OK        | Forged by War: World War I's Medical Legacy  | Amanda Schoonmaker | Penny Heath        | Canton High School                     |
| 1:45 pm  | 25079   | OR        | A One-Way Ticket to Space: How Laika's Launch Opened Frontiers in Space Exploration                    | Sophia Ma          | John Santella      | Westview High School                   |



Building: Grand Ballroom Room: Group J

| Time     | Entry # | Affiliate | Title   | Students             | Teacher             | School                            |
|----------|---------|-----------|---|----------------------|---------------------|-----------------------------------|
| 11:00 am | 25080   | MI        | The Lady Doctors: How the Blackwell Sisters Extended the Frontiers of Medicine as the First Female Physicians         | Georgia Edmonds      | Independent Entry   | Loy Norrix High School            |
| 11:15 am | 25081   | IA        | Junko Tabei: Surpassing Both Physical and Social Frontiers  | Treyton Schaapherder | Linda Vanden Bosch  | Clarinda High School              |
| 11:30 am | 25082   | MD        | From Humorous Beginnings: How an Incorrect Theory led to the Frontiers of Balanced Eating and Medicinal Breakthroughs | Jack McGuinn         | Ryan Folmer         | Mount Saint Joseph High<br>School |
| 11:45 am | 25083   | PA        | The Revolutionary Radiance of Hedy Lamarr:<br>Hopping from the Silver Screens to Radio Waves                          | Jocelyn Curreri      | Cyndi Poole         | Pine-Richland HS                  |
| 1:00 pm  | 25084   | NY        | Mendez v. Westminster: Challenging Latino Segregation in the U.S.   | Benjamin Goihman     | Mordecai Moore      | STUYVESANT HIGH<br>SCHOOL         |
| 1:15 pm  | 25085   | DC        | Earl Francis Lloyd: Breaking Barriers and Rims  | Massiah Holland      | Robert Jones        | Templeton Academy DC              |
| 1:30 pm  | 25086   | VA        | Forced Cultural Assimilation: A New Frontier  | Makayla Branham      | Mickey VanDerwerker | Liberty High                      |
| 1:45 pm  | 25087   | MN        | Dogs Expanding the Frontier: From Family Dog to Military Dog  | Esther Smith         | Chris Stewart       | North Lakes Academy               |



| Time     | Entry # | Affiliate | Title  | Students         | Teacher              | School                                |
|----------|---------|-----------|--|------------------|----------------------|---------------------------------------|
| 10:00 am | 23001   | NJ        | Frontiers in the Space Race  | Lucas Luchsinger | Jennifer Fraunberger | Academy For Performing Arts           |
| 10:20 am | 23002   | IN        | Welling Against Lynching: Frontier in American<br>History  | Seraphim Holmes  | David Wheeler        | North Central High School             |
| 10:40 am | 23003   | UT        | From How-To To U2 - The Synthesized Music Frontier   | Noah Millington  | Independent Entry    | Lake Mountain Middle School           |
| 11:00 am | 23004   | ME        | The Impact of Jazz on Civil Rights During the Harlem Renaissance and Beyond                                | Kai Hernandez    | Rosa Slack           | Portland High School                  |
| 11:20 am | 23005   | IL        | The Feminine Mystique: Reconstructing the Role of American Women to Blaze a New Frontier of Women's Rights | Allison Buck     | Andrew Michalek      | Regina Dominican High<br>School       |
| 11:40 am | 23006   | NH        | Elizabeth: The First! on the Frontier of England's Female Leadership                                       | Brianna Barlow   | Beth Powers          | Merrimack High School                 |
| 12:00 pm | 23007   | СО        | Nikola Tesla: Genius Lost to Glimmering Lights   | Rachel Lewis     | Celeste Archer       | Colorado Student Leaders<br>Institute |



| Time     | Entry # | Affiliate | Title  | Students       | Teacher                    | School                             |
|----------|---------|-----------|--|----------------|----------------------------|------------------------------------|
| 10:00 am | 23008   | OK        | Love Made Legal: Loving v. Virginia  | Logan Carroll  | Ellen Carroll              | Summit Christian School            |
| 10:20 am | 23009   | MI        | Crusader for Air Power: Billy Mitchell Advocates for an Independent Air Force          | Megan LeaTrea  | Jan Klco                   | Whitehall High School              |
| 10:40 am | 23010   | IL        | Alan Turing  | Mia Mendoza    | Jennie Crownson            | J Sterling Morton East High<br>Sch |
| 11:00 am | 23011   | IA        | Pay It No Mind   | Landon Stanley | Susan Fritzell             | Marshalltown High School           |
| 11:20 am | 23012   | WI        | The Pioneering Policewoman: Anna DeWane the First Policewoman of Eau Claire, Wisconsin | Amalia Dyar    | Scott Dyar                 | Eleva-Strum School District        |
| 11:40 am | 23013   | FL        | A Beautiful Day For A Neighbor: Fred Rogers<br>Changing The Nation Through Television  | Brendan Black  | Josh Roberson              | SEMINOLE HIGH SCHOOL               |
| 12:00 pm | 23014   | SD        | Theodore Roosevelt: "I So Declare It!"   | Adeline Lyons  | Tonja Montgomery<br>Hansen | Harding County High School -<br>01 |



| Time     | Entry # | Affiliate | Title   | Students             | Teacher         | School                                  |
|----------|---------|-----------|---|----------------------|-----------------|---|
| 10:00 am | 23015   | GA        | Selling the President: Calvin Coolidge on the Frontier of the Radio Age | Jonathan Dorminy     | Ann Dorminy     | Sola Fide Home School                   |
| 10:20 am | 23016   | MI        | A Patriot's Pen: The Legacy of Mercy Otis Warren                        | Gabriella Tonn       | Tara Fugate     | Fraser High School                      |
| 10:40 am | 23017   | DE        | Radcliffe College: A Frontier in Women's Higher Education               | Camryn Brost         | Erin Sullivan   | Cab Calloway School Of The<br>Arts      |
| 11:00 am | 23018   | SD        | Continent of Convicts   | Noah Comes           | Brett Brennan   | Waverly-South Shore High<br>School - 01 |
| 11:20 am | 23019   | TX        | Reporting Live: Integration in the States                               | Tori White           | Deborah Johnson | Nimitz High School                      |
| 11:40 am | 23020   | TN        | Glow Girls: Women Who Lit the Path to Workplace Safety and Rights       | Keya Patel           | Lindsey Parks   | West High School                        |
| 12:00 pm | 23021   | HI        | Remnants of Egyptian Civilization's Past: A Frontier in Architecture    | Finlay Maloney-Tubbs | Grant Bramer    | Mililani High School                    |



| Time     | Entry # | Affiliate | Title   | Students         | Teacher         | School                     |
|----------|---------|-----------|---|------------------|-----------------|----------------------------|
| 10:00 am | 23022   | NM        | Thank You, Anita: Conservatism and Gay Activism Face-off on the Sociopolitical Frontier                 | Mags Axelrod     | Amy Page        | MORIARTY HIGH              |
| 10:20 am | 23023   | VA        | Mapping Out The Sky: The Impact of Sondheim and His Musical   | Aaron Tinsley    | Nathan Munson   | Jefferson Forest High      |
| 10:40 am | 23024   | HI        | Cusp of a United Country: The Vietnam War   | Jasmine Smith    | Jason Duncan    | Mililani High School       |
| 11:00 am | 23025   | KS        | How Sewing Machines Impacted Women in Society   | Katherine Eudaly | Sonja Czarnecki | Bishop Seabury Academy     |
| 11:20 am | 23026   | КО        | The Overturn of Roe v. Wade: The First Time the Supreme Court has Taken Away a Constitutional Right.    | Nayoung Kim      | Nick Kaschub    | Daegu International School |
| 11:40 am | 23027   | KY        | Principled and Fearless: How the Wade-Braden<br>Alliance Forged a New Path to Fair Housing<br>Frontiers | William Bache    | Lisa Bache      | Home/Hospital              |
| 12:00 pm | 23028   | TN        | Rumor and a Radio: How One Small Town Stand Started the Civil Rights Movement                           | Sara Grippo      | Hannah Kelley   | Agathos Classical School   |



| Time     | Entry # | Affiliate | Title   | Students           | Teacher                  | School                   |
|----------|---------|-----------|---|--------------------|--------------------------|--------------------------|
| 10:00 am | 23029   | GA        | Daisy Bates: Little Rock, Big Movement  | Amara Onwuka       | Kimberly Davis           | Luella High School       |
| 10:20 am | 23030   | NY        | The Abraham Lincoln Brigade: The First Desegregated American Fighting Force                   | lago Macknik-Conde | Susana<br>Martinez-Conde | Home School              |
| 10:40 am | 23031   | IN        | Thomas Nast vs. "Boss" Tweed  | Luke Boyce         | Jocelyn Coe              | Carmel High School       |
| 11:00 am | 23032   | PA        | William Shakespeare and Othello, the First Black<br>Main Character in Western Literature      | LeSabien Brown     | Mary Culler              | The Concept School       |
| 11:20 am | 23033   | KS        | Sacred and Secular: Sister Rosetta Tharpe and Her Contributions to the Frontier of Rock Music | Katie Mastrosimone | Sonja Czarnecki          | Bishop Seabury Academy   |
| 11:40 am | 23034   | ОН        | Frontiers of Broadway Theatre: The Unknown Star, Jonathan Larson                              | Grace Cremeans     | Brent Smith              | River Valley High School |
| 12:00 pm | 23035   | AR        | Henry VIII's Break With Rome  | Mick Clawson       | Stephanie Hall           | ALMA HIGH SCHOOL         |



| Time     | Entry # | Affiliate | Title  | Students               | Teacher         | School                                       |
|----------|---------|-----------|--|------------------------|-----------------|--|
| 10:00 am | 23036   | IA        | Ann Pamela Cunningham and the Mount Vernon Ladies Association: A Frontier in Historic Preservation | Lelah Good             | Deb Masker      | Abraham Lincoln High School                  |
| 10:20 am | 23037   | MA        | Broken: The Treaties of Fort Laramie and the Myth of the Frontier                                  | Ruthanna Kern          | Adda Santos     | Somerville High                              |
| 10:40 am | 23038   | ОН        | Isabella: Queen of a Vast Frontier   | Sophie Pangrace        | Terrance Hudson | Rocky River High School                      |
| 11:00 am | 23039   | MN        | The Seneca Falls Convention: Nationalizing Idealogical Frontiers for Women's Rights                | Elizabeth Teskey       | Courtney Major  | Edina High School                            |
| 11:20 am | 23040   | КО        | Kim, Jeong Ho, a Korean Geographer and Cartographer  | Jihoon Christopher Ryu | Nick Kaschub    | Daegu International School                   |
| 11:40 am | 23041   | MD        | Inside the Double Helix: Frontiers in Genetics Based on the Discovery of the Structure of DNA      | Annette Horner         | Danelle Brennan | Howard High School                           |
| 12:00 pm | 23042   | NJ        | Jumping Genes: Barbara McClintock's New Frontier in Genetics                                       | Vibha Sanjay           | Chris Bond      | West Windsor-Plainsboro<br>High School North |



| Time     | Entry # | Affiliate | Title   | Students        | Teacher               | School                               |
|----------|---------|-----------|---|-----------------|-----------------------|--------------------------------------|
| 10:00 am | 23043   | WV        | Changing the Status Quo With a Folding Chair  | Jaelyn Jett     | Daniel Cosgrove       | Calhoun Middle High School           |
| 10:20 am | 23044   | MA        | The Trial of Elizabeth Freeman  | Nora Linssen    | Dalia Linssen         | Independent Educator                 |
| 10:40 am | 23045   | WA        | John Snow: Medical Frontiers  | Ethan Nguyen    | Kim Matthews          | Bothell High School                  |
| 11:00 am | 23046   | NY        | Abolition: Douglass and Garrison's Philosophical Frontiers                                  | Tobias Oyaniran | Robert Sandler        | STUYVESANT HIGH<br>SCHOOL            |
| 11:20 am | 23047   | GU        | When Peoples Collide: Staging Francis Hezel's Revisitation of the CHamoru-Spanish Encounter | Luke Jang       | Chellette San Nicolas | St. John's School                    |
| 11:40 am | 23048   | AL        | A Tribute to Maya Angelou   | Jessiah Ellis   | Michelle Mallard      | New Beginnings Educational<br>Center |
| 12:00 pm | 23049   | NM        | Belva Ann Lockwood: A Frontier for Women in Law and Politics                                | Isabella Blair  | Leslie Diane Clark    | LOS ALAMOS HIGH                      |



| Time     | Entry # | Affiliate | Title  | Students           | Teacher           | School                      |
|----------|---------|-----------|--|--------------------|-------------------|-----------------------------|
| 10:00 am | 23050   | UT        | Two Steps Forward, One Step Back: Yvonne Brill and Her Role in the Fight for Gender Equality in STEM | Jocelyn Millington | Independent Entry | Westlake High School        |
| 10:20 am | 23051   | WA        | A Light For Korea, Yu Gwansun  | Jiwon Kang         | Rhonda McGee      | North Creek High School     |
| 10:40 am | 23052   | NC        | Alessandro Volta and the First Electric Battery  | Maggie Trapp       | Joseph Brubaker   | SandHoke Early College High |
| 11:00 am | 23053   | OK        | Tom Crean: The Frontier Adventures of Ireland's Iceman   | Noah Ross          | Penny Heath       | Canton High School          |
| 11:20 am | 23054   | MD        | The Stonewall Riots: The Event that Changed Queer Life Forever                                       | River Gleeson      | Leah Foran        | Howard High School          |
| 11:40 am | 23055   | CO        | Herodotus: The Greatest Pioneer of History in History  | Denver Wright      | Salvatore Triolo  | Fairview High School        |



| Time     | Entry # | Affiliate | Title   | Students           | Teacher             | School                                |
|----------|---------|-----------|---|--------------------|---------------------|---------------------------------------|
| 10:00 am | 23056   | TX        | The Secret Weapon: How Radar Changed the Course of World War II                                   | Avery Stubblefield | Jacob Velasquez     | I.M. Terrell Academy for STEM and VPA |
| 10:20 am | 23057   | МО        | My Dear General: Lafayette, Washington, and Slavery   | Lydia Tyndall      | Amy Tyndall         | Tyndall Homeschool                    |
| 10:40 am | 23058   | FL        | Hedy Lamarr: A Frontier in Hollywood and Technology   | Jaya Parsa         | Debra Dailidonis    | FORT MYERS HIGH<br>SCHOOL             |
| 11:00 am | 23059   | MN        | Madam CJ Walker: Braving Frontiers in African American Hair Care, Business, and Philanthropy      | Ola Okoro          | Catherine Nachbar   | East High School                      |
| 11:20 am | 23060   | VA        | International Ladies Garment Workers Union: A New Frontier for Workers' Rights                    | Sara Johnson       | Mickey VanDerwerker | Liberty High                          |
| 11:40 am | 23061   | CA        | Yun Isang and the East Berlin Affair: Exploring the Frontiers of Music Through Styles and Borders | Susan Kim          | Deanna Myers        | Northwood High School                 |



Building: SSU Room: Juan Jimenez

| Time     | Entry # | Affiliate | Title   | Students             | Teacher         | School                      |
|----------|---------|-----------|---|----------------------|-----------------|-----------------------------|
| 10:00 am | 23062   | СТ        | Food Network: Pioneering Opportunities for Women in the Culinary Industry                                       | Camille Mergenthaler | Nell-Ayn Lynch  | Staples High School         |
| 10:20 am | 23063   | NC        | The Most Extraordinary Woman in all of Europe: Mary Somerville and The Frontiers of Nineteenth-Century Science. | Isabella Hardy       | Elizabeth Hardy | Gryphon Academy             |
| 10:40 am | 23064   | CA        | "Deeds, Not Words": How Emmeline Pankhurst<br>Expanded the Frontier of Women's Rights                           | Surabhi Khanna       | Sally Howe      | Clovis North High School    |
| 11:00 am | 23065   | МО        | The Radiant Frontier: Marie Curie's Contribution to Science   | Marah Carlill        | Angie Allison   | OAK GROVE HIGH              |
| 11:20 am | 23066   | AL        | Stonewall: Are We Moving Forward or Backwards?  | Maleah Beaufort      | Kathy Paschal   | Stanhope Elmore High Sch    |
| 11:40 am | 23067   | PA        | La Vie Boheme   | Grace Yantis         | Eric Mark       | Bishop McDevitt High School |



| Time     | Entry # | Affiliate | Title  | Students           | Teacher           | School                                       |
|----------|---------|-----------|--|--------------------|-------------------|--|
| 10:00 am | 27001   | DE        | Better Babies Contests: A Multi-Faceted Frontier of the American Eugenics Movement             | Michelle Mao       | Erin Sullivan     | Cab Calloway School Of The<br>Arts           |
| 10:15 am | 27002   | NJ        | "To Form a More Perfect Union": How the National Women's Conference of 1977 Redefined Feminism | Adithi Ramasagaram | Mike Garzio       | West Windsor-Plainsboro<br>High School South |
| 10:30 am | 27003   | WA        | Tacoma Riot of 1885: How were the Chinese expelled from the American Frontier?                 | Yizhou Hu          | Emily Dovel       | Annie Wright Schools                         |
| 10:45 am | 27004   | NC        | Maternity vs. Misogyny: The Frontier of Obstetric Pain Management in the 19th and 20th Century | Cody Young         | Matthew Ipock     | Early College EAST High                      |
| 11:00 am | 27005   | GA        | The Good Fight: The Chronicles of Shirley Chisholm   | Kofi Agyei         | Jennifer Henley   | Morrow High School                           |
| 11:15 am | 27006   | MI        | ??????New Frontiers: The Hubble Space Telescope and Its Terrestrial Impacts on Technology      | Kirk Wohlfield Jr. | Tara Fugate       | Fraser High School                           |
| 11:30 am | 27007   | SD        | Extending the Frontier of Communism: The Holodomor   | Moriah Coyle       | Jennifer Prahl    | Rapid City Christian School                  |
| 11:45 am | 27008   | NY        | "The Jazz Lieutenant" James Reese Europe: A Frontier Who Revolutionized Jazz In America        | Willow Shi         | Independent Entry | Emma Willard School                          |
| 12:00 pm | 27009   | СТ        | Televised debates and its effect, Nixon v. Kennedy   | Angelina Lux       | Andy Riemer       | Greenwich Academy                            |



| Time     | Entry # | Affiliate | Title   | Students           | Teacher           | School                            |
|----------|---------|-----------|---|--------------------|-------------------|-----------------------------------|
| 10:00 am | 27010   | WA        | Eleanor Roosevelt: The First Lady of Frontiers  | Carlee Catlin      | Stephen Hart      | Castle Rock High School           |
| 10:15 am | 27011   | TX        | Power for the People: How LBJ Tamed the Frontiers of Texas Hill Country Electrification         | Grant Gillum       | Kibbie Jensen     | DRIPPING SPRINGS H S              |
| 10:30 am | 27012   | CA        | The Prague Spring: Pursuing Frontiers of Individual Liberty Under "Socialism With a Human Face" | Ethan Chen         | Deanna Myers      | Northwood High School             |
| 10:45 am | 27013   | MS        | Identity and Dissent: How Music Nurtured a Rebellion  | Heaven Alvarado    | Kayla Hester      | MS SCHOOL FOR MATH<br>AND SCIENCE |
| 11:00 am | 27014   | DC        | Vivienne Westwood   | Michael Burch      | Leslie Welsh      | Capital City PCS High             |
| 11:15 am | 27015   | FL        | When Insulin Breathes Life: The Story of the Revolutionary Discovery and Development of Insulin | Velan Thanasekar   | Jennifer Sullivan | JAMES RICKARDS HIGH<br>SCHOOL     |
| 11:30 am | 27016   | RI        | The Native Script of Korea: Hangul  | Donghyun Kang      | Paschal Scotti    | Portsmouth Abbey School           |
| 11:45 am | 27017   | PA        | Over My Ashes: The Frontier of American Cremation   | Victoria Hiscott   | Sean Quigg        | Academy Of Notre Dame De<br>Namur |
| 12:00 pm | 27018   | NM        | A Primal Howl in Defending the Defenseless:<br>Edward Abbey and the Environmental Frontier      | Lauren Brueggemann | Claudie Thompson  | SILVER HIGH                       |



| Time     | Entry # | Affiliate | Title   | Students                | Teacher                        | School   |
|----------|---------|-----------|---|-------------------------|--------------------------------|--|
| 10:00 am | 27019   | UT        | A Frontier for Workers' Rights: The Delano Grape Strike and Boycott   | Marina Peng             | Independent Entry              | Rowland Hall   |
| 10:15 am | 27020   | CA        | Dr. Archibald McIndoe: How a Medical Pioneer<br>Established Groundbreaking Frontiers in<br>Reconstructive Surgery | Anjana Chandrasekhar    | Sheila McLeod                  | Stockdale High School                                      |
| 10:30 am | 27021   | NV        | The Instructions of Life: Pioneering DNA Concepts in the Biology Frontier   | Janice Amornthanomchoke | Christopher Rawlins [West CTA] | West Career & Technical<br>Academy                         |
| 10:45 am | 27022   | NH        | Women in Science: The Forgotten Pioneers  | Olivia Van Ledtje       | Nate Grove                     | Oyster River High School                                   |
| 11:00 am | 27023   | DE        | Maybelle Carter: The Woman on the Frontier of American Guitar   | Isabela March           | Erin Sullivan                  | Cab Calloway School Of The<br>Arts                         |
| 11:15 am | 27024   | KO        | The Cherokee Treaty Party: A Frontier in Cherokee and United States Politics                                      | Daniel Shin             | James Kowalski                 | Seoul International School                                 |
| 11:30 am | 27025   | MD        | Silent Spring: Crossing Frontiers   | Vi Moss                 | Jacqueline Hall                | Patuxent High School                                       |
| 11:45 am | 27026   | IL        | Dorothea Dix and the Asylum Movement: A New Frontier in the Care of the Mentally III                              | Alice Fan               | Cynthia Jurisson               | University of Chicago<br>Laboratory Schools High<br>School |



| Time     | Entry # | Affiliate | Title  | Students                | Teacher            | School  |
|----------|---------|-----------|--|-------------------------|--------------------|---|
| 10:00 am | 27027   | NH        | Sister Kenny: The Pioneer of Physical Therapy  | Chelsea Alysson Ongjoco | Sierra Dolce       | Bedford High School                           |
| 10:15 am | 27028   | ID        | Frontiers in Neuroscience: Santiago Ramón y Cajal  | Sofia Mariani           | Janelle Gilson     | Renaissance High School                       |
| 10:30 am | 27029   | ОН        | Dress to Express, Not Impress: Frontiers of The Woman's Suffrage Movement and Feminism   | Celine Omega            | Sarah Horgan       | Western Reserve Academy                       |
| 10:45 am | 27030   | IA        | Changing Society's Marginalized Views: Sustaining a Legacy of Suffrage   | Miriam Tejeda           | Christina Rice     | Storm Lake High School                        |
| 11:00 am | 27031   | OK        | Forging a New World: The First Industrial Revolution and its Impact on Society and Economy                                       | William Jiang           | Michelle McCargish | Oklahoma School Of Science<br>And Mathematics |
| 11:15 am | 27032   | МО        | The Magnuson Act: Frontiers Within the<br>Naturalization of the Chinese  | Julia Ngo               | Kimberly Brownlee  | LIBERTY NORTH HIGH<br>SCHOOL                  |
| 11:30 am | 27033   | СТ        | ?????: ?????? hóng lóng zhi zhengtú: huárén yímín jinglì The Journey of the Red Dragon: ??????The Chinese Immigration Experience | Amy Zhang               | Kelley Coull       | Norwich Free Academy                          |
| 11:45 am | 27034   | КО        | Measuring the World: The Metric System, A New Scientific Frontier  | Yoon Park               | Rachel Kim         | Seoul Academy                                 |



| Time     | Entry # | Affiliate | Title   | Students        | Teacher              | School  |
|----------|---------|-----------|---|-----------------|----------------------|---|
| 10:00 am | 27035   | VT        | Marjory Stoneman Douglas: How One<br>Environmental Pioneer Saved the Everglades   | Ainsley Kendall | Clarissa Kendall     | Homeschool                                    |
| 10:15 am | 27036   | NJ        | Operation Gunnerside: Crossing Frontiers to<br>Destroy Frontiers                  | Ryan Sun        | Stefanie San Filippo | Montville Township High<br>School             |
| 10:30 am | 27037   | CO        | The Wireless Frontier: Edwin Howard Armstrong And Frequency Modulation            | Jerry Stone     | Ed Glassman          | Denver School Of The Arts                     |
| 10:45 am | 27038   | INT       | Rachel Carson's Silent Spring: Establishing a Frontier in Environmentalism        | IHyeon Rha      | Nicole Last          | Shanghai SMIC Private<br>School               |
| 11:00 am | 27039   | OK        | The Chinese Exclusion Act: America's First Racially-Based Immigration Policy      | Adrian Pan      | Michelle McCargish   | Oklahoma School Of Science<br>And Mathematics |
| 11:15 am | 27040   | RI        | Katherine Johnson: Calculating an Orbit for Equality                              | Hannah Chasse   | Michael Sollitto     | Toll Gate High School                         |
| 11:30 am | 27041   | IN        | Seeking Immortality but Finding Power: the Invention of Gunpowder                 | Rafan Tajwer    | Jocelyn Coe          | Carmel High School                            |
| 11:45 am | 27042   | WI        | John Ostrom's Deinonychus: Crossing The Largest Frontier in Dinosaur Paleontology | Tor Seilheimer  | Rachael George       | Manitowoc Lincoln High<br>School              |



| Time     | Entry # | Affiliate | Title   | Students                           | Teacher          | School                   |
|----------|---------|-----------|---|------------------------------------|------------------|--------------------------|
| 10:00 am | 27043   | TX        | Reform and Opening-Up: Deng Xiaoping's Magnum Opus Pushes China's Economic Frontier               | Zihan Xu                           | Jessie Li        | JASPER H S               |
| 10:15 am | 27044   | WI        | The Indian Health Service: Paving a Path to Native American Rights                                | Samantha Andersen                  | Luke Stachovak   | D.C. Everest Idea School |
| 10:30 am | 27045   | MN        | Ms. Magazine: The Revolutionary Feminist Frontier in Journalism                                   | Zeina Al-Ramahi                    | Courtney Major   | Edina High School        |
| 10:45 am | 27046   | SC        | Advancements in Technology  | Justin Rogers                      | William Chappell | HCS Early College High   |
| 11:00 am | 27047   | AR        | A Tale of Shifting Frontiers: ??????The Fall of the Berlin Wall                                   | Clement Le Sellier de<br>Chezelles | Rachel Primm     | Pulaski Academy          |
| 11:15 am | 27048   | HI        | The Man Who Saved Millions: Edward Jenner and the Smallpox Vaccine                                | Dylan Rabara                       | Janyce Omura     | Maui High School         |
| 11:30 am | 27049   | МО        | The Establishment of NASA: Not because it was Easy, but because it was Hard                       | Ugurcan Buyurgan                   | Joel Slingerland | CENTRAL HIGH             |
| 11:45 am | 27050   | MA        | Give Me Back My People's Bones: Native American Activists and the Struggle for Grave Repatriation | Avi Bernstein                      | Kenneth Brooke   | Needham High             |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher          | School   |
|----------|---------|-----------|--|-------------------|------------------|--|
| 10:00 am | 27051   | VT        | Integration of Chinese Acupuncture into US Medicine  | Ari Chapin        | Mark Brown       | Union 32   |
| 10:15 am | 27052   | FL        | Seeing Through Medical History: X-rays   | Litsa Ortiz       | Tara Clark       | FORT PIERCE WESTWOOD<br>ACADEMY: THE WEST<br>PREP MAGNET |
| 10:30 am | 27053   | IL        | "Gay is Good": How Dr. Frank Kameny Transformed a Frontier for the LGBT Community  | Ainika Hou        | Pat Ambrose      | Adlai E Stevenson High<br>School                         |
| 10:45 am | 27054   | HI        | ??????Serving Hawaii's Uchinanchu: The Buddhist Temple That Transformed the Hawaiian Frontier for the Okinawan Community | Ty Wakahiro       | Jason Duncan     | Mililani High School                                     |
| 11:00 am | 27055   | LA        | The Birth Control Movement: A Frontier for Women's<br>Empowerment in the United States                                   | Anjali Veerareddy | Karen Soileau    | Caddo Parish Magnet High<br>School                       |
| 11:15 am | 27056   | CO        | "We Belong Here": Asian Americans in the Civil Rights Movement   | Mandy Gu          | Salvatore Triolo | Fairview High School                                     |
| 11:30 am | 27057   | TN        | A Crying Ecosystem: Rachel Carson's Frontier in Environmental Awareness.   | Joshua Ellsworth  | Duke Richey      | McCallie School  |
| 11:45 am | 27058   | PA        | The Power of the Poppy: An Emerging Frontier of Opiate Regulation  | Corrine Watson    | Sara Frazier     | Donegal HS   |



**Building: SSU** Room: Nanticoke

| Time     | Entry # | Affiliate | Title   | Students               | Teacher               | School                            |
|----------|---------|-----------|---|------------------------|-----------------------|-----------------------------------|
| 10:00 am | 27059   | NE        | World War II POW Camps: Enemy on the Home Frontier  | Jaymeson Gappa         | Kim Henry             | Loup City High School             |
| 10:15 am | 27060   | UT        | Asylum and Mental Health Reform in the United States  | Abby Mageras           | Sydney Ellsworth      | Centerville Junior HIgh           |
| 10:30 am | 27061   | GA        | The Origin of MDT Therapy, Letter with Gary Heidnik   | Caroline Cristofanelli | Christianne Bartelt   | Westminster Schools of<br>Augusta |
| 10:45 am | 27062   | ОН        | Silent Spring: How the "Poison Book" Forged the Frontier of the Environmental Movement  | Aashvi Kenia           | Independent Entry     | Independent Entry                 |
| 11:00 am | 27063   | GU        | For the Glory: Dr. Ramon Manalisay Sablan   | HoYoung Grace Kang     | Chellette San Nicolas | St. John's School                 |
| 11:15 am | 27064   | TN        | "The Heretic Who Became a Saint" The New Frontiers Joan of Arc Explored in Class, Religion, and Gender as the Maid of Orleans | Katlin Richardson      | Scott Johnson         | Spring Hill High School           |
| 11:30 am | 27065   | MD        | First Impressions: The Opening of a New Artistic Horizon in the 19th Century  | Cora Wood              | Lisa Milak            | Long Reach High School            |
| 11:45 am | 27066   | AZ        | The Haber Paradox: Feeding the world and warfare  | Ana Shrivastava        | Andrew Estes          | BASIS Peoria                      |



**Building: Tawes** Room: 0207

| Time     | Entry # | Affiliate | Title  | Students       | Teacher          | School                             |
|----------|---------|-----------|--|----------------|------------------|------------------------------------|
| 10:00 am | 27067   | WI        | Media in Vietnam War   | Van Lai        | Jason Krings     | Green Bay Southwest High<br>School |
| 10:15 am | 27068   | NV        | Pioneers in the Expansion of Hollywood: A Frontier in Cinematography and Entertainment             | Devin Streuter | Amber Newman     | Leadership Academy of<br>Nevada    |
| 10:30 am | 27069   | IN        | Cost of Expanding Frontier: Chinese Laborers in the Construction of the Transcontinental Railroads | Bowen Xiao     | John Buggeln     | Culver Academies                   |
| 10:45 am | 27070   | AR        | Marie Curie: A Multidimensional Frontier   | Shelby Norris  | Erin Mills       | ALMA HIGH SCHOOL                   |
| 11:00 am | 27071   | MN        | The Writing of Zitkala-Ša: A Frontier for American Indian Rights                                   | Adele Haeg     | Martin Marrin    | DeLaSalle High School              |
| 11:15 am | 27072   | VA        | The Women's Rights Movement: How One Female Physician Evolutionized Society in the Medical Field   | Sydney Banks   | Stephanie Shimp  | West Springfield High              |
| 11:30 am | 27073   | MI        | To the Moon and Beyond: The Luna Program and the Hidden Side of the Space Race                     | Amelia Chen    | Jan Klco         | Whitehall High School              |
| 11:45 am | 27074   | NM        | Like Dust In The Wind: The First All Black Frontier Town And Its Demise                            | Grace Montoya  | Claudie Thompson | SILVER HIGH                        |



**Building: Tawes** Room: 1105

| Time     | Entry # | Affiliate | Title   | Students         | Teacher          | School  |
|----------|---------|-----------|---|------------------|------------------|---|
| 10:00 am | 27075   | AZ        | Black Barbershops: Cutting To New Frontiers   | Ethan Tsay       | Stacey Trepanier | New Vistas Center for<br>Education            |
| 10:15 am | 27076   | INT       | La Revolution Française & Women's Pockets   | Archisha Sarath  | Michelle Johnson | American International School<br>Chennai      |
| 10:30 am | 27077   | NE        | All American Girls Professional Baseball League: Sliding into the Male Dominated Frontier | Paige Stanczyk   | Kim Henry        | Loup City High School                         |
| 10:45 am | 27078   | NY        | Bacon, Bananas, and Propaganda: How One Man<br>Manipulated All of America                 | Janice Zeng      | Jo Beth Roberts  | WHEATLEY SCHOOL                               |
| 11:00 am | 27079   | MA        | Frontiers in Nigerian Independence: The Women's War of 1929                               | Stephanie Amanze | Janey Goodwin    | Foxborough High                               |
| 11:15 am | 27080   | VA        | The Equal Suffrage League of Virginia: A Frontier in Ideas in the American South          | Alexa Koeckritz  | Andrew Abeyounis | Grafton High                                  |
| 11:30 am | 27081   | IA        | With the Flip of a Switch on the Rural Frontier: REA Lights the Way                       | Caleb Sinnwell   | Suzan Turner     | Nashua-Plainfield<br>Junior-SeniorHigh School |
| 11:45 am | 27082   | SD        | Henry Heinz: Conquering the New Frontier of Food Industry                                 | Roean Raymer     | Joel Eisenbraun  | Florence High School - 01                     |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher                          | School                           |
|----------|---------|-----------|--|-------------------|----------------------------------|----------------------------------|
| 10:00 am | 20001   | MA        | A Vision for the Future: Harold Ridley's Invention of the Intraocular Lens   | Elena Sereiva     | Kristine Forsgard                | Montrose School                  |
| 10:15 am | 20002   | IN        | Frontiers in Medicine: The History of Anesthesia   | Gabriela Pallikan | Dustin Homan                     | Purdue Polytech High School      |
| 10:30 am | 20003   | FL        | Bangladesh's Battle to Sovereignty: The Frontier of Bengali Independence from the Liberation War of 1971                           | Sarah Tanveer     | James Ramey                      | PENSACOLA HIGH SCHOOL            |
| 10:45 am | 20004   | СТ        | Foreign Mud, Local Landslide: The Struggle Over the Meaning of the Chinese Maritime Frontier in the Prelude to the First Opium War | Rishabh Mohapatra | John Garrish                     | South Windsor High School        |
| 11:00 am | 20005   | ОН        | Cars, Cities, Culture: The American Asphalt Frontier of the Twentieth Century  | Edward Li         | Beth Driehaus                    | The Seven Hills School           |
| 11:15 am | 20006   | КО        | The Tennessee Valley Authority: Establishing Frontiers in Government Aid During the Great Depression                               | Junseo Lee        | James Kowalski                   | Seoul International School       |
| 11:30 am | 20007   | IL        | Remembering, Analyzing, and Educating: Chicago's Restrictive Covenants   | Sam Rhodes        | Pankaj Sharma                    | Niles North High School          |
| 11:45 am | 20008   | IA        | From Sit-Ins to Service: How Edna Griffin Fought Civil Rights Frontiers in the Midwest   | Mila Hansen       | Michelle Hendricks               | Lewis Central Senior High School |
| 12:00 pm | 20009   | UT        | The Triangle Shirtwaist Factory Fire: How the Tragic Event Fueled a New Frontier of Equality and Freedom                           | Narayani Shankar  | Shankar Thulasiraman<br>(parent) | Hillcrest High School            |
| 12:15 pm | 20010   | DC        | How has the US Developed Treatment to Treat Mental Illness?  | Nelle Gaines      | Robert Jones                     | Templeton Academy DC             |



| Time     | Entry # | Affiliate | Title   | Students              | Teacher            | School  |
|----------|---------|-----------|---|-----------------------|--------------------|---|
| 10:00 am | 20011   | IN        | Shrouded in the Shadows: A Venture into the<br>Unexplored Sector of Sexuality                                   | Ishita Masetty        | Vijayshanti Potti  | Penn High School                              |
| 10:15 am | 20012   | PA        | Speaking For Me and Her: How Poet and Orator Frances E. W. Harper Used Literature to Advocate for Social Reform | Sharanya Ravishanker  | Aaron Lockard      | Conestoga SHS                                 |
| 10:30 am | 20013   | NE        | Crossing Frontiers, Both Literal and Invisible with the Bracero Program   | Sofia Torres-Salvador | Jillian Roger      | Marian High School                            |
| 10:45 am | 20014   | MD        | "It's Not Fair": How the Justice for Vincent Chin<br>Campaign Crossed Frontiers for Asian American<br>Activism  | Chloe Chang           | Jennifer Marks     | Poolesville High School                       |
| 11:00 am | 20015   | NY        | The Contested Wilderness of Hetch Hetchy Valley: Pristine Nature, Public Use, and Private Profit                | Leah Steyn            | Peter Turner       | Rye Country Day School                        |
| 11:15 am | 20016   | HI        | A National Treasure: The Creation of the National Health Service in Britain                                     | Faith Shimabukuro     | Kimberly Lauzon    | Mililani High School                          |
| 11:30 am | 20017   | OR        | Crossing Frontiers: The Dark Side of International Adoption   | Sophia Lee            | John Santella      | Westview High School                          |
| 11:45 am | 20018   | OK        | The Christian Right in the 20th Century: Prominent Pioneers, Not Productive Policy-Makers                       | Wesley Horn           | Michelle McCargish | Oklahoma School Of Science<br>And Mathematics |
| 12:00 pm | 20019   | NH        | The True Impact of the Women's Suffrage Movement  | Anna Klein            | Nate Grove         | Oyster River High School                      |



| Time     | Entry # | Affiliate | Title  | Students                      | Teacher          | School   |
|----------|---------|-----------|--|-------------------------------|------------------|--|
| 10:00 am | 20020   | NE        | The Making of a Nation: The Pioneering of the US Constitution  | Kaitlyn Drake                 | Ann Mays         | Hastings High School                                       |
| 10:15 am | 20021   | IL        | Alice Hamilton against Tetraethyl Lead: a Frontier in Public Health  | Jade Deng                     | Cynthia Jurisson | University of Chicago<br>Laboratory Schools High<br>School |
| 10:30 am | 20022   | SC        | Female Frontiers of Nuclear Weapons: The Story of Dr. Lise Meitner and Chien-Shiung Wu                     | Sophia Samaan                 | Gloria Masterton | Legion Collegiate Academy                                  |
| 10:45 am | 20023   | КО        | Yeoseong Gukgeuk: Pushing Gender Frontiers Through Performance   | Jaesuh Shin                   | Andrea Plakmeyer | Seoul Foreign School                                       |
| 11:00 am | 20024   | KY        | Rachel Carson: Breaking the Glass Ceiling for Women's Equality in STEM+ While Spotlighting the Environment | Tate Cain                     | Dustin Cannon    | Grayson County High School                                 |
| 11:15 am | 20025   | NV        | The Start of Women's Legacy in Medicine: Elizabeth Blackwell   | Shaley Brown                  | Christin Gent    | Leadership Academy of<br>Nevada                            |
| 11:30 am | 20026   | FL        | The Women's Medical College of Pennsylvania: The First Successful Advocate for Women in Medicine           | Sidney Allen                  | Jeannine Meis    | LEON HIGH SCHOOL   |
| 11:45 am | 20027   | HI        | The First to Cross The Frontier: The Legalization of Abortion in Hawaii                                    | Catherine-Desneiges<br>Lauzon | Micah Benavitz   | Mililani High School                                       |
| 12:00 pm | 20028   | AZ        | Manhigh: Journey To Infinity And Beyond  | Nealin Banerjee               | Stacey Trepanier | New Vistas Center for<br>Education                         |



| Time     | Entry # | Affiliate | Title  | Students          | Teacher          | School                          |
|----------|---------|-----------|--|-------------------|------------------|---------------------------------|
| 10:00 am | 20029   | NM        | The Women Who Civilized the Wild West: The Harvey Girls  | Lily Smith        | Nancy Heisey     | Hope Christian School           |
| 10:15 am | 20030   | TX        | Frontiers in History: African Americans' Struggle for Equality   | Emily Hernandez   | Stacy Terral     | Chaparral High School           |
| 10:30 am | 20031   | SC        | Gutenberg and the Creation of the Printing Press: Frontier of Communication  | Ta'Shana Cornwell | Gloria Masterton | Legion Collegiate Academy       |
| 10:45 am | 20032   | TN        | Across Ghetto Walls: Frontiers of Jewish Musical Exchange in Early Modern Venice   | Isaac Cheng       | JENNY CHENG      | Cheng Homeschool                |
| 11:00 am | 20033   | GA        | Scandal and Sacrifice: How The Rite of Spring Created a Frontier for Modernism   | Andrew Su         | Patrick Egan     | The Westminster Schools         |
| 11:15 am | 20034   | WI        | From Earth to the Sun: The Controversial Journey of Galileo's Heliocentric Theory  | Riya Kalluvila    | Mike Cirillo     | Richfield Middle School         |
| 11:30 am | 20035   | PA        | On the Prophylactic Frontier With the World's First Synthetically Derived Antibacterial: Sulfonamides, the Enemy of Bacteria | Vidhi Desai       | Calliope Volikas | Parkland HS                     |
| 11:45 am | 20036   | INT       | When Riffs Rocked Oppression: Rock Music in the Soviet Union Fought for Freedom of Expression                                | Kristie Kang      | Daniel Kleifgen  | Shanghai SMIC Private<br>School |
| 12:00 pm | 20037   | MN        | The Fall of Constantinople: Exploring the New Frontier of Ottoman Rule Over Constantinople and its Effects on Europe         | Zayd Naseem       | Summer McCall    | Mounds Park Academy             |



| Time     | Entry # | Affiliate | Title   | Students         | Teacher                  | School  |
|----------|---------|-----------|---|------------------|--------------------------|---|
| 10:00 am | 20038   | CA        | Mary Scranton and Ewha School: A Frontier of Western Protestant Missionaries and Korean Women's Education                               | Carey Chang      | Jennifer Lee             | Independent                                   |
| 10:15 am | 20039   | UT        | Here to Stay: How World War II's Working<br>Frontierswomen Paved the Way for Their Permanent<br>Place in the Greater American Workforce | Eliza Neal       | Cali Dansie Burgess      | Timberline Middle School                      |
| 10:30 am | 20040   | OK        | Sputnik's Reappraisal of American STEM Education  | Jacob Meng       | Michelle McCargish       | Oklahoma School Of Science<br>And Mathematics |
| 10:45 am | 20041   | LA        | Wangari Maathai: How a Peasant Girl Expanded<br>New Frontiers in Environmental History  | Timothy Namikas  | Edwin Way                | Episcopal School Of Baton<br>Rouge            |
| 11:00 am | 20042   | WA        | Sailing Against the Tides: One Man's Journey to<br>Securing United States Citizenship for Millions                                      | Sherry Fei       | Jordan Van Horn          | The Overlake School                           |
| 11:15 am | 20043   | MS        | A Frontier in Scientific Knowledge and Philosophy of the European Renaissance: A Work of Islamic Civilization                           | Summer Childress | Cristina Tosto           | PASCAGOULA HIGH<br>SCHOOL                     |
| 11:30 am | 20044   | VT        | Rachel Carson: The Frontier of Chemical Regulation  | Josie Haley      | Kara Rosenberg           | Union 32                                      |
| 11:45 am | 20045   | NJ        | The Dive That Changed Life: The Discovery of Life Below 30,000 Feet   | Durva Banerjee   | Wendy<br>Hurwitz-Kushner | John P. Stevens High School                   |
| 12:00 pm | 20046   | AZ        | Hedy Lamarr: The Frontier of Fighting Gender Discrimination Through Invention   | Ella Spittle     | Christie Higgins         | Heritage Academy Queen<br>Creek               |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher           | School                      |
|----------|---------|-----------|--|-----------------|-------------------|-----------------------------|
| 10:00 am | 20047   | INT       | Frontiers in History: Was Joseph Stalin's collectivization scheme in the USSR a novel frontier?                                      | Dahyun Oh       | Matthew Granger   | Seisen International School |
| 10:15 am | 20048   | SD        | When Lies are Sold: The Influence of Marxism on a Changing World   | Shannon Connor  | Jennifer Prahl    | Rapid City Christian School |
| 10:30 am | 20049   | ID        | The Transition from Classical Economics: How Keynesian Economics Became "The New Deal" of American Economic Policy                   | Grace Steinberg | Janelle Gilson    | Renaissance High School     |
| 10:45 am | 20050   | NC        | Silent No More: How Rachel Carson's Silent Spring<br>Unleashed the Frontier of Environmentalism                                      | Katherine Meine | Nathan Gergel     | Cape Fear Academy           |
| 11:00 am | 20051   | NV        | Little House of Libertarianism: How Laura Ingalls<br>Wilder and Rose Wilder Lane Deployed the Frontier<br>Myth to Fight the New Deal | Max Grinstein   | Lauren Griffin    | Davidson Academy of Nevada  |
| 11:15 am | 20052   | NH        | A Battle Won, a War Lost: The Failure of Pontiac's Rebellion in the Anglo-Native Frontier Struggle                                   | Joonyoung Heo   | Kent McConnell    | Phillips Exeter Academy     |
| 11:30 am | 20053   | DE        | Innovative Ideas: Discovering Quantum Theory by Crossing the Boundaries of Traditional Physics                                       | Mikaela Brown   | Andrew Bozanic    | Padua Academy               |
| 11:45 am | 20054   | MI        | A Frontier Untamed: the Causes and Legacy of the Pueblo Revolt   | Andy Yao        | Independent Entry | H.H. Dow High School        |
| 12:00 pm | 20055   | NM        | Adelina "Nina" Otero-Warren: Crossing the Frontiers of Gender and Cultural Equality in Politics                                      | Brianna Clark   | Claudie Thompson  | SILVER HIGH                 |



| Time     | Entry # | Affiliate | Title  | Students        | Teacher            | School                             |
|----------|---------|-----------|--|-----------------|--------------------|------------------------------------|
| 10:00 am | 20056   | MD        | Ruth Bader Ginsburg on the Frontier of Gender Roles in America                     | Laura Civillico | Jennifer Marks     | Poolesville High School            |
| 10:15 am | 20057   | TX        | Reconstructing the Myth: The Transcontinental Railroad and the Chinese Laborers    | David Li        | Jennifer Vincent   | WESTWOOD H S                       |
| 10:30 am | 20058   | LA        | Wyoming: The First Frontier of Women's Suffrage                                    | Victoria Todman | Karen Soileau      | Caddo Parish Magnet High<br>School |
| 10:45 am | 20059   | WI        | Hollywood, Nat Love, and the Wild West: A Journey into Television of the Past      | Autumn Holter   | Carlene Baurichter | Bangor High School                 |
| 11:00 am | 20060   | AR        | The Standing Bear Legal Affair: Frontiers in History, "I Am a Man"                 | Kaytlin Dwyer   | Marian Hendrickson | SPRINGDALE SCHOOL OF INNOVATIONS   |
| 11:15 am | 20061   | AK        | German Expressionism in Film   | Rebekah Myrick  | Alissa Wardwell    | SOUTH ANCHORAGE HIGH SCHOOL        |
| 11:30 am | 20062   | ID        | The Bone Wars: Paleontology's Most Infamous Feud                                   | Miriam Fridel   | Jayne Davis        | Borah High School                  |
| 11:45 am | 20063   | IA        | Kalevalainen: The Frontier and Innovations of Elias<br>Lönnrot                     | Dutch Smith     | Deb Masker         | Abraham Lincoln High School        |
| 12:00 pm | 20064   | NY        | Building a Home from Diaspora: Making and Remaking of the First American Chinatown | Yan Zhen Zhu    | Judith Jeremie     | BROOKLYN TECHNICAL<br>HIGH SCHOOL  |



| Time     | Entry # | Affiliate | Title   | Students           | Teacher         | School                             |
|----------|---------|-----------|---|--------------------|-----------------|------------------------------------|
| 10:00 am | 20065   | WA        | All Shook Up: Elvis Presley and the Cultural Transformation of America  | Matthew Ng         | Kim Matthews    | Woodinville HS                     |
| 10:15 am | 20066   | SD        | Mount Rushmore in South Dakota: How Colonial Frontiers Led to Native Destruction  | Sanjeev Shyam      | Sandi Hurst     | Roosevelt High School, Sioux Falls |
| 10:30 am | 20067   | ОН        | The Northwest Ordinance: Forging a Frontier Republic and a Path to Freedom in the Ohio Country  | Omar Elbadawy      | Kenneth Clark   | Hawken Upper School                |
| 10:45 am | 20068   | RI        | Dr. Elizabeth Blackwell: The First Female Physician   | Madilyn McGarrahan | Timothy Hayes   | Toll Gate High School              |
| 11:00 am | 20069   | AK        | The Frontier Led by the Secret War: Hmong Immigration from Laos to America  | Helen Vang         | Alissa Wardwell | SOUTH ANCHORAGE HIGH<br>SCHOOL     |
| 11:15 am | 20070   | TN        | Pioneering a Frontier: James Willard Schultz<br>Changing the American Perception of Native<br>Americans   | Shawn Huss         | Duke Richey     | McCallie School                    |
| 11:30 am | 20071   | ME        | The Great Wall Region from the Fourth to the Fifth Century  | Derek Cao          | Eric Duncan     | John Bapst Memorial High<br>School |
| 11:45 am | 20072   | MN        | Insulin: The Story of How a Fatal Disease Became<br>Manageable Overnight  | Elijah Arnett      | Eric Fleming    | Harding High School                |
| 12:00 pm | 20073   | VA        | No Struggle, No Progress: How Freed African<br>Americans and Their Descendants in Central<br>Virginia Transcended a Frontier of Black Success<br>Through Faith, Education, and Excellence | Claire Ke          | Holly Newman    | Albemarle High                     |



| Time     | Entry # | Affiliate | Title  | Students            | Teacher          | School   |
|----------|---------|-----------|--|---------------------|------------------|--|
| 10:00 am | 20074   | CA        | Portia of the Pacific: Clara Shortridge Foltz and the Frontiers of the Law   | Atishay Lalgudi     | Geremy Goebel    | Evergreen Valley High School                     |
| 10:15 am | 20075   | МО        | Luella Agnes Owen: Exploring Frontiers in Speleology and Geology   | Rainier Sode        | Elizabeth Hutton | LEBANON SR. HIGH                                 |
| 10:30 am | 20076   | CO        | Trekking Through Galactic Frontiers: Combating Social Division In The Stars  | Gwyn Kaupman        | Kelly Cvaniger   | Bear Creek High School                           |
| 10:45 am | 20077   | KY        | Machinery's Aid in Fashion   | Bella Coy           | Melinda Baum     | Grayson County High School                       |
| 11:00 am | 20078   | KS        | The Birth of Yellowstone: How the Nation's First National Park Sparked a Worldwide Park Movement                           | Clare Kissling      | Chris Faires     | Bishop Carroll Catholic High<br>School (Wichita) |
| 11:15 am | 20079   | OR        | The Invention of the Integrated Circuit  | Pranav Ramesh       | John Santella    | Westview High School                             |
| 11:30 am | 20080   | MI        | "Tasting the Beginnings of Freedom": Léon &<br>Lacombe's Fight to Expand the French<br>Revolutionary Frontiers of Feminism | Mclevy Strong-Morse | Anise Strong     | Homeschool                                       |
| 11:45 am | 20081   | VA        | Free State: A Frontier in Antebellum Free African American Communities in Virginia   | Kamina Mentore      | Holly Newman     | Albemarle High                                   |
| 12:00 pm | 20082   | GA        | Discovering Medicine: The Father of Modern Medicine  | Khadija Jeylani     | Alexander Holmes | Stone Mountain High School                       |



**Building: SSU** Room: Calvert

| Time     | Entry # | Affiliate | Title  | Students            | Teacher           | School                           |
|----------|---------|-----------|--|---------------------|-------------------|----------------------------------|
| 10:00 am | 20083   | AL        | Pan-African Movement: The Relationship Among<br>Black Intellectual Movements of the Twentieth<br>Century   | Nakeria Woods       | Sarah Woltring    | Murphy High Sch                  |
| 10:15 am | 20084   | MA        | A Mountain of Defiance: The Forgotten Humanitarian<br>Resistance Movement During the Armenian<br>Genocide and Musa Dagh's Fight for Survival                             | Sarah Lange         | Kristine Forsgard | Montrose School                  |
| 10:30 am | 20085   | NJ        | The True Power of Education: Paul Laurence Dunbar High School  | Ines Hwang          | Richard Maley     | Peddie School (Mercer<br>County) |
| 10:45 am | 20086   | AR        | "The Invention of The Birth Control Pill: A Frontier in Medicine, Economics and Freedom"   | Anya Choudhary      | Lara Beard        | Pulaski Academy                  |
| 11:00 am | 20087   | AS        | Section 504 Sit-Ins: Frontiers in Disabling Societal Norms and Abling Justice For All  | Fenomarama Aperaamo | Christian Saalea  | Tafuna                           |
| 11:15 am | 20088   | СТ        | The Founding Fathers of Military Medicine: How Hammond, Letterman, and the U.S. Sanitary Commission Crossed a Medical Frontier through Policy and Organizational Reforms | Abigail Yang        | Susan Richman     | Yang Homeschool                  |
| 11:30 am | 20089   | RI        | The 1989 Tiananmen Square Protests: The Movement That Shook a Country  | Claire Fitzgerald   | Kristine Chapman  | La Salle Academy                 |
| 11:45 am | 20090   | NC        | Much More than a Box Score: Larry Doby's Integration of the American League and the Destruction of Black Baseball  | Amy Snively         | Naomi Barlaz      | Cary Academy                     |
| 12:00 pm | 20091   | СО        | Prejudice and Perseverance: The Frontier of Equal<br>Opportunity in Professional and Collegiate<br>Basketball  | Kyla Eha            | Michael Storer    | Prospect Ridge Academy           |