



ASTC 2024 Preliminary Program

Subject to Change

Events held at McCormick Place unless otherwise noted.

All times CDT

2024 Preliminary Program

Preconference Intensive

<p>Building Bridges to the Future: Grow Your Leadership Effectiveness Through Expert and Peer Conversations</p>	<p>Charles Trautmann, <i>Trautmann & Associates</i>; Christian Greer, <i>Michigan Science Center</i>; Andrea Harp, <i>Michigan Science Center</i>; Heather Norton, <i>Discovery Place, Inc.</i></p>	<p>Leadership and Direction</p>
<p>Digital Immersive Spaces for Deepening Guest Engagement</p>	<p>Olivia Castellini, <i>Griffin Museum of Science and Industry</i>; Olivier Goulet, <i>Supply and Demand</i>; Roderick Tate, <i>TELUS Spark</i></p>	<p>Facility and Exhibit Design</p>
<p>Evaluating with Purpose: Using Data for Audience-Driven Decision-Making</p>	<p>Michelle Lentzner, <i>J. Sickler Consulting</i>; Jason Allen, <i>Smithsonian Institution Traveling Exhibition Service (SITES)</i>; Lauren Holley, <i>Space Center Houston</i></p>	<p>Trends and Innovation</p>
<p>Evaluation and Educator Leadership in Museum Makerspaces</p>	<p>Peter Wardrip, <i>University of Wisconsin-Madison</i>; Adam Maltese, <i>Indiana University</i>; Prinda Wanakule, <i>The Tech Interactive</i>; Mindy Porter, <i>Scott Family Amazeum</i>; Kelli Paul, <i>Indiana University</i>; Jeff Evancho; Peter Kirschmann, <i>University of Wisconsin-Madison</i></p>	<p>Education and Events</p>
<p>Exploring and Planning for Digital Immersive Exhibits at Your Museum</p>	<p>Elizabeth Kunz Kollmann, <i>Museum of Science, Boston</i>; Tim Porter, <i>Museum of Science, Boston</i>; Ben Wilson, <i>Museum of Science, Boston</i>; Erica Barrueto, <i>The Tech Interactive</i>; Brad MacDonald, <i>Exploratorium</i>; Roderick Tate, <i>TELUS Spark</i></p>	<p>Facility and Exhibit Design</p>
<p>Fo(u)r (H)our BIPOC Space: Code-Switching Not Required</p>	<p>Aki Shibata, <i>Science Museum of Minnesota</i>; Melissa Ballard, <i>Association of Science and Technology Centers</i>; Eric Buenroostro Azua, <i>Oregon Museum of Science and Industry</i>; Joseph Adamji, <i>Science Museum of Minnesota</i>; Veronica Garcia-Luis, <i>Exploratorium</i></p>	<p>Organizational Culture and Workforce</p>

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<p>Foundations of the Next Generation Science Standards and Sensemaking for Museum Professionals</p>	<p>Rex Babiera, <i>Griffin Museum of Science and Industry</i>; Tara Flett, <i>Griffin Museum of Science and Industry</i>; Melanie Snow, <i>Griffin Museum of Science and Industry</i>; Garrett Gray, <i>Griffin Museum of Science and Industry</i>; Karin Klein, <i>Griffin Museum of Science and Industry</i></p>	<p>Education and Events</p>
<p>From Page to Play: Storybooks as Starting Points for Creative Coding in Community</p>	<p>Michael Wong, <i>Exploratorium</i>; Steph Muscat, <i>Exploratorium</i>; Téo Xisto, <i>Lifelong Kindergarten</i>; Celeste Moreno, <i>University of Colorado, Boulder</i></p>	<p>Education and Events</p>
<p>Health in Space: A Local and International Collaboration at the International Museum of Surgical Science</p>	<p>Michelle Rinard, <i>International Museum of Surgical Science</i>; Stephen Toyoda, <i>Japanese Culture Center of Chicago</i>; Nancy Harmon, <i>Encurate</i></p>	<p>Community and Partnerships</p>
<p>Human-Centered AI: Developing Programs for Fostering Agency, Creativity, and Connection</p>	<p>Dorothy Bennett, <i>New York Hall of Science</i>; Anthony Negron, <i>New York Hall of Science</i>; Peggy Monahan, <i>Oakland Museum of California</i>; Pati Ruiz, <i>Digital Promise</i>; Clarissa Buettner, <i>The Tech Interactive</i>; Andee Rubin, <i>TERC</i>; Emily Reardon, <i>Sesame Workshop</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>IF/THEN® Champions Network: Gain Resources, Share Ideas, and Make an Impact!</p>	<p>Emily Early, <i>National Girls Collaborative Project</i>; Karen Peterson, <i>National Girls Collaborative Project</i>; Shannon Sullivan, <i>Association of Science and Technology Centers</i>; Tara Cox, <i>National Girls Collaborative Project</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Imagining Our Shared, Sustainable Future: Building Capacity to Imagine, Articulate, and Inspire</p>	<p>Rose Hendricks, <i>Association of Science and Technology Centers</i>; Theresa Donofrio, <i>Association of Science and Technology Centers</i></p>	<p>Education and Events</p>
<p>Learn About, Reflect On, and Plan Reciprocal Community Partnerships and Authentic STEM Learning Experiences</p>	<p>Rae Ostman, <i>Arizona State University</i>; Allison Anderson, <i>Museum of Science, Boston</i>; Ali Jackson, <i>Sciencenter</i></p>	<p>Community and Partnerships</p>

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<p>Make_X: Engaging the Creativity of the Individual and Unlocking the Potential of a Community</p>	<p>Manny Juarez, <i>Griffin Museum of Science and Industry</i>; Patrick McCarthy, <i>Griffin Museum of Science and Industry</i>; Liz Bundick, <i>Griffin Museum of Science and Industry</i>; Jennifer Zurawicz, <i>Griffin Museum of Science and Industry</i></p>	<p>Trends and Innovation</p>
<p>NEON: National Education Outreach Network</p>	<p>Jonah Cohen, <i>McWane Science Center</i>; Chris Syfrett, <i>Science Museum Oklahoma</i>; Kevin Seymour, <i>COSI</i>; Sarabeth Gordon, <i>Pensacola MESS Hall</i></p>	<p>Education and Events</p>
<p>Re-Making Archeology: Studying the Past Through Engineering and Making</p>	<p>Karl Bitikofer, <i>Field Museum</i></p>	<p>Education and Events</p>
<p>Transformative Change Toward Inclusion, Diversity, Equity and Access: Tools and Frameworks from iPAGE 2.0</p>	<p>Travis Sandland, <i>Science Museum of Minnesota</i>; Cecilia Garibay, <i>Garibay Group</i>; Heather Norton, <i>Discovery Place, Inc.</i>; Tifferney White, <i>Louisiana Children's Museum</i></p>	<p>Audience, Diversity, and Inclusion</p>

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Concurrent Session

<p>“Be proud!”: Exhibit Design Guidance from Youth with Learning Disabilities</p>	<p>Sunewan Paneto, <i>Museum of Science, Boston</i>; Rebecca Kipling, <i>Museum of Science, Boston</i>; Calvin Uzelmeier, <i>Rochester Museum & Science Center</i>; Samantha Daley, <i>University of Rochester</i>; Gabrielle Schlichtmann, <i>EdTogether Inc.</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>A Cornucopia of Stories About and Resources for Early Childhood Exhibits and Programs</p>	<p>Barbara Punt, <i>Punt Consulting Group</i>; Mariah Romaninsky, <i>The Academy of Natural Sciences</i>; Catherine Diaz, <i>Oregon Museum of Science and Industry</i>; Andy Lloyd, <i>International Centre for Life</i>; Heather Bambam, <i>Great Lakes Science Center</i>; Allison Schwanebeck, <i>Science Center of Iowa</i>; Janella Watson, <i>Watson Creative Consulting</i></p>	<p>Trends and Innovation</p>
<p>AI ASAP: How to Amplify Existing Hands-On Activities to Start Sharing AI Concepts with Learners</p>	<p>Christina Leavell, <i>Arizona State University, National Informal STEM Education Network</i>; Catherine McCarthy, <i>Arizona State University</i>; Darrell Porcello, <i>Children's Creativity Museum</i>; Keith Ostfeld, <i>Children's Museum of Houston</i>; James Harold, <i>Space Science Institute</i>; Anne Holland, <i>Space Science Institute</i></p>	<p>Education and Events</p>
<p>AI Playground: Using Play to Demystify AI</p>	<p>Kayley Evans, <i>TELUS Spark Science Centre</i>; Dione Chambers, <i>The Okanagan Science Centre</i>; Kenny Vo, <i>Kennevo</i>; Max Fortin, <i>Science North/Science Nord</i></p>	<p>Trends and Innovation</p>
<p>Animal Welfare Strategies in Live Animal Exhibit Design</p>	<p>Samantha Couch, <i>WonderLab Museum of Science, Health, & Technology</i></p>	<p>Facility and Exhibit Design</p>
<p>Are We the Baddies? Four White Men Ask Uncomfortable Questions About DEAI</p>	<p>Andy Lloyd, <i>International Centre for Life</i>; Tim Scott, <i>Eugene Science Center</i>; Joe Imholte, <i>The Bakken Museum</i>; Thomas Rockwell, <i>Exploratorium</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Assessing Attributes of Community Science: A Pilot Rubric</p>	<p>Laura Bartock, <i>Association of Science and Technology Centers</i></p>	<p>Community and Partnerships</p>

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<p>Beyond the Press Release: Navigating the Changing Media Landscape</p>	<p>Vanessa Lu, <i>Ontario Science Centre</i></p>	<p>Operations and Development</p>
<p>Bringing Informal STEM to Children from Underrepresented Groups Through Museum-Research Partnerships</p>	<p>Timothy Hammond, <i>Children's Museum of Houston</i>; Valerie Bambha, <i>Children's Learning Institute, University of Texas Health Science Center at Houston</i>; Rosario Martinez, <i>YES Prep Southeast Elementary</i>; Tricia Zucker, <i>UTHealth, Children's Learning Institute</i>; Catherine Haden, <i>Loyola University Chicago</i>; Bradley Morris, <i>Kent State University</i>; Jacob Cason, <i>Cincinnati Museum Center</i></p>	<p>Community and Partnerships</p>
<p>Bringing Research to Light: How Collections Can Tell the Stories of Our Scientists</p>	<p>Donna DiBartolomeo, <i>California Academy of Sciences</i>; Jaap Hoogstraten, <i>Field Museum</i>; Lauri Halderman, <i>American Museum of Natural History</i>; Tim Lee, <i>Natural History Museum of Utah</i></p>	<p>Facility and Exhibit Design</p>
<p>Building Capacity for Program Design: Utilizing Logic Models in the Voya STEM Futures Program</p>	<p>Shannon Sullivan, <i>Association of Science and Technology Centers</i>; Emily Skidmore, <i>Kera Collective</i></p>	<p>Education and Events</p>
<p>Building teen-led climate communities: insights from Critical Action Lab partners</p>	<p>Madlyn Larson, <i>Natural History Museum of Utah</i>; Ben Templeton, <i>Thought Den</i>; Jennifer Torrance, <i>Phipps Conservatory and Botanical Gardens</i>; Jen Kretser, <i>The W!LD Center</i>; Brittany Gutermuth, <i>Mass Audubon</i></p>	<p>Community and Partnerships</p>
<p>Cambio Ahead: Insights on How a Change Towards Equity Is a Change for Museums' Future</p>	<p>Veronica Garcia-Luis, <i>Exploratorium</i>; Doug Carrion, <i>The Discovery</i>; Rachel Herman, <i>Space Center Houston</i>; Georgia Stolle-McAllister, <i>Museum of Science, Boston</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Collective Futures: Reimagining Museums and Science Centers in Partnership with Indigenous Youth</p>	<p>Albeliza Perez, <i>American Museum of Natural History</i>; Ari Krakowski, <i>The Lawrence Hall of Science</i>; Marissa Gamliel, <i>Oregon Museum of Science and Industry</i>; Cristina Lara, <i>Chachalu Museum & Cultural Center</i>; Vincent Medina, <i>Cafe Ohlone</i>; Louis Trevino, <i>Cafe Ohlone</i></p>	<p>Community and Partnerships</p>

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Communicating to Inspire Hope and Action: Strategies and Exemplars for Planetary Health Content and Programs	Rose Hendricks, <i>Association of Science and Technology Centers</i>	Education and Events
Community-Centered Collections Digitization and Access: Digitally Uniting Maya Weaving Collections from Chiapas, Mexico	Edward Fleming, <i>Science Museum of Minnesota</i> ; Charlie Iverson, <i>Science Museum of Minnesota</i> ; Carlos Barrera, <i>Museo Na Bolom</i> ; Jennings Mergenthal, <i>Science Museum of Minnesota</i> ; Lori Benson, <i>Chiapas Maya Project</i>	Audience, Diversity, and Inclusion
Cultivating a Culture of Hope Through Local Advocacy	Adam Fagen, <i>Association of Science and Technology Centers</i>	Community and Partnerships
Cutting Edge: Meet the People and Projects of the Roy L Shafer Leading Edge Awards	Jonah Cohen, <i>McWane Science Center</i>	Trends and Innovation
Data-Driven Inquiry with Digitized Specimens: Exploring Methods and Strategies for Learning with Natural History Collections	Madlyn Larson, <i>Natural History Museum of Utah</i> ; McKenna Lane, <i>University of Utah</i> ; Kirsten Butcher, <i>University of Utah</i>	Education and Events
Designing Exhibits About AI: Reflections, Challenges, and Opportunities	Ari Krakowski, <i>The Lawrence Hall of Science</i> ; Eric Greenwald, <i>The Lawrence Hall of Science</i> ; Duri Long, <i>Northwestern University</i> ; Mark Weckel, <i>American Museum of Natural History</i> ; Jessica G, <i>Museum of Science, Boston</i> ; Lindsay Bartholomew, <i>MIT Museum</i>	Education and Events
Discussion as a Method to Advance DEAI Efforts	Joe Imholte, <i>The Bakken Museum</i> ; Demetrios Vital, <i>Science Museum of Minnesota</i>	Audience, Diversity, and Inclusion
Diversity and Inclusion in STEM Through Stories, Music, and Art	April Lanotte, <i>NASA</i>	Education and Events
DJs, Drinks, and Dialogue: How Natural History Museums Are Inspiring Adults to Become Environmental Stewards	Laurel Robinson, <i>Natural History Museums of Los Angeles County</i> ; Aimee Davis, <i>Field Museum</i> ; Preeti Gupta, <i>American Museum of Natural History</i>	Education and Events
Elevating the Youth: Co-Designing Exhibits, Programs and Teaching Models with Teens	Red Henkel, <i>KID Museum</i> ; Thea Van Gorp, <i>Bisbee Science Lab</i> ; Annalise Phillips, <i>KID Museum</i> ; Amelia Merker, <i>New York Hall of Science - Exhibits</i>	Education and Events

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<p>Engaging Curiosity: Exploring Best Practices for STEM Camps in Museum Settings</p>	<p>Emily Lemonds, <i>Saint Louis Science Center</i>; Reva Chadha, <i>SMUD Museum of Science and Curiosity (MOSAC)</i>; Davis Tate, <i>Museum of Life and Science</i>; Danae Pineda, <i>Children's Museum Tucson</i></p>	<p>Education and Events</p>
<p>Engaging Local Communities in Climate Action and Solutions Through Exhibits: Perspectives from the Field</p>	<p>Cindy Busche, <i>The WaterShed</i>; Lisa Thompson, <i>Natural History Museum of Utah</i>; Peter Lam, <i>Reich & Petch International</i>; Jen Kretser, <i>The W!LD Center</i>; Nina Nesseth, <i>Science North</i></p>	<p>Facility and Exhibit Design</p>
<p>Engaging Scientists with the Public in Natural History Museums</p>	<p>Megan Ennes, <i>Florida Museum of Natural History</i>; Laurie Kleinbaum Fink, <i>Science Museum of Minnesota</i>; Charlie Walter, <i>Mayborn Museum</i>; Dane Crowton, <i>Natural History Museum of Utah</i>; Efrain Tejada, <i>Smithsonian National Museum of Natural History</i></p>	<p>Education and Events</p>
<p>Establishing Support for YOUR Youth-Led Programming</p>	<p>Danny Clase, <i>Hall Of Science</i>; Truck McDonald, <i>NYSCL</i>; Chidi Asoluka; Aleks Liou, <i>California Academy of Sciences</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Every Moment Matters: Elevating Guest Experiences for Relationship and Revenue Growth</p>	<p>Kimberly Kay, <i>Scott Family Amazeum</i>; Trevor Ward-Lachance, <i>Telus Spark Science Centre</i>; Victor Bustamante, <i>Telus Spark Science Centre</i>; Tyler Begneaud, <i>Scott Family Amazeum</i></p>	<p>Operations and Development</p>
<p>Exhibits² Debates: Round² – New Topics, New Teams, Same Shenanigans</p>	<p>Daniel Guyton, <i>Oregon Museum of Science and Industry</i>; Dana Schloss, <i>New York Hall of Science</i>; Richard Kissel, <i>The Doseum</i>; Andrea Hart, <i>Museum of Discovery and Science</i>; Simon Mused, <i>Scott Family Amazeum</i>; John Shaw, <i>Museum EXP</i>; Amber Stevenson, <i>Science Museum of Minnesota</i></p>	<p>Facility and Exhibit Design</p>
<p>Exploring Culturally Sustaining STEM Partnerships: A Year-Long Workshop Series</p>	<p>Kelly Borden, <i>Adler Planetarium</i>; Eli Tucker-Raymond, <i>Boston University</i>; Claudia Jimenez, <i>Adler Planetarium</i>; Abigail Accettura, <i>Shedd Aquarium</i></p>	<p>Community and Partnerships</p>
<p>Exploring U.S. Federal Funding Opportunities</p>	<p>Adam Fagen, <i>Association of Science and Technology Centers</i></p>	<p>Operations and Development</p>

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<p>Future-Proofing Museums: Building Resilience in a Changing World</p>	<p>Amanda Fisher, <i>Association of Science and Technology Centers</i>; Rena Dorph, <i>The Lawrence Hall of Science</i>; Preeti Gupta, <i>American Museum of Natural History</i></p>	<p>Leadership and Direction</p>
<p>Global Perspectives of Outdoor Science Parks: Benefiting from What We Learned over 25 Years!</p>	<p>Ronen Mir, <i>Schwartz/Reisman Science Education Centers, Weizmann Institute of Science</i>; Robert Firmhofer, <i>Copernicus Science Center</i>; Mikko Myllykoski, <i>Heureka, The Finnish Science Centre</i>; Laycca Umer, <i>New York Hall of Science</i>; Liat Ben David, <i>The Davidson Institute of Science Education</i>; Moshe Rishpon, <i>The Davidson Institute of Science Education</i>; Thorsten Künnemann, <i>Swiss Science Center Technorama</i></p>	<p>Facility and Exhibit Design</p>
<p>Got Diversity? What's Next?</p>	<p>Carol Tang, <i>Children's Creativity Museum</i>; Laura Migus; Christian Greer, <i>Michigan Science Center</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>IDEAs at Work: Exploration of Creative Approaches to Inclusion, Diversity, Equity, and Accessibility</p>	<p>Alexandria Muller, <i>University of California, Santa Barbara</i>; Allison Comer, <i>Muse Knoxville</i>; Jerome Threlkeld, <i>Sloan Museum and Longway Planetarium</i>; KT Todd, <i>Children's Museum of Pittsburgh</i></p>	<p>Leadership and Direction</p>
<p>Igniting Interest: The Need for Engaging Museum Audiences on Wildfire Awareness and Prevention</p>	<p>Timothy Hecox, <i>World Forestry Center</i>; Victoria Coats, <i>Oregon Museum of Science and Industry</i>; Adriana Ford, <i>Imperial College London</i>; Christopher White, <i>The Discovery</i></p>	<p>Education and Events</p>
<p>Iterative Design: Stuck, Stalled, or Successful?</p>	<p>Katherine Ziff, <i>Mount Royal University</i>; Dana Schloss, <i>New York Hall of Science</i>; Adam Tobin, <i>Chabot Space & Science Center</i>; Chip Lindsey, <i>Discovery Lab</i>; Janella Watson, <i>Watson Creative Consulting</i></p>	<p>Organizational Culture and Workforce</p>
<p>Leading with the Arts: Centering Arts-Based Methods for Deeper Science Learning</p>	<p>Jessica Sickler, <i>J. Sickler Consulting</i>; Kathryn Semmens, <i>Nurture Nature Center</i>; Lekelia Jenkins, <i>Arizona State University</i>; Michelle Lentzner, <i>J. Sickler Consulting</i>; Ruth Angus, <i>American Museum of Natural History</i></p>	<p>Trends and Innovation</p>

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<p>Learning from Adventure Playgrounds: Creating Safe Spaces for Risky Play in a Variety of Venues</p>	<p>Greg Belew, <i>Hands On! Studio</i>; Devon Hamilton, <i>Blue Rhino Design</i>; Zack Anderson, <i>Telus Spark Science Centre</i>; Joseph O'Connell, <i>Creative Machines Inc.</i>; Adam Bienenstock, <i>Bienenstock</i>; Thea Van Gorp, <i>Bisbee Science Lab</i>; Sharon Reiter, <i>Junkyard Social Club</i></p>	<p>Facility and Exhibit Design</p>
<p>Leveraging Partnerships for Research and Learning at Two U.S. Fossil Sites</p>	<p>Dale McCreedy, <i>Hands On! Discovery Center</i>; Charlie Walter, <i>Mayborn Museum</i>; Blaine Schubert, <i>ETSU Center of Excellence in Paleontology</i>; Lindsey Yann, <i>Waco Mammoth National Monument</i></p>	<p>Community and Partnerships</p>
<p>Light and Shadow: Bright Ideas for Taking on Tinkering in Your Context</p>	<p>Michael Wong, <i>Exploratorium</i>; Steph Muscat, <i>Exploratorium</i>; Brendan Takenaga, <i>Boston Children's Museum</i>; Dianne DeStefano, <i>Boston Children's Museum</i>; Alex Greenwald, <i>Thinkery</i>; Dena De La Paz, <i>Thinkery</i></p>	<p>Education and Events</p>
<p>Making Space to Explore Mental Health & Humanity Content in Your Science Center</p>	<p>Elizabeth Fleming, <i>Roto</i>; Heather Norton, <i>Discovery Place, Inc.</i>; Starr Peters, <i>Kentucky Science Center</i>; Natalie Rhoades, <i>Museum of Science and Curiosity</i>; Mellisa Blankenship, <i>Kentucky Science Center</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Mirror, Mirror on the Wall; Does This Exhibit Reflect the Community at All?</p>	<p>Isabel Singer, <i>Luci Creative</i>; Marcus Harshaw, <i>Carnegie Science Center</i>; Jaap Hoogstraten, <i>Field Museum</i>; Fran Mast, <i>The Morton Arboretum</i></p>	<p>Community and Partnerships</p>
<p>Mistakes WILL BE Made: Balancing Success, Failure, and Opportunity Cost in Experience Design and Beyond</p>	<p>Christian Greer, <i>Michigan Science Center</i>; Sari Custer, <i>Arizona Science Center</i>; Dana Schloss, <i>New York Hall of Science</i>; Adam Tobin, <i>Chabot Space & Science Center</i></p>	<p>Facility and Exhibit Design</p>
<p>Museums and Health Education: Connecting Science, Community, and Culture</p>	<p>Jayatri Das, <i>The Franklin Institute</i>; Samantha Turner, <i>Childrens Hospital of Philadelphia</i>; Becky Seabrook, <i>The Health Museum</i>; Rachel Fyler, <i>Museum of Science, Boston</i></p>	<p>Community and Partnerships</p>

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<p>Navigating Identity: Challenges and Opportunities in Using Terminology for Cultural Groups in Cultural Institutions</p>	<p>Milena Acosta, <i>Natural History Museum of Los Angeles County</i>; Jina Lee, <i>National Museum of African American History & Culture</i>; Tory Schendel-Vyvoda, <i>Evansville African American Museum</i>; Zuhura Mcadoo, <i>Houses of Luv - Live Nation</i>; Gabby Lisella, <i>Carnegie Science Center</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Navigating Methods for Integrating Community Knowledge and Values into Museum Practice</p>	<p>Susan Letourneau, <i>New York Hall of Science</i>; Satbir Multani, <i>New York Hall of Science</i>; Michaela Yamashita, <i>The Tech Interactive</i>; Kristin Leigh, <i>Explora</i></p>	<p>Community and Partnerships</p>
<p>No Easy Answers: Facilitating Critical Conversations in and About Museums</p>	<p>Lauren Brown, <i>Field Museum</i>; Jenine Wehbeh, <i>Field Museum</i>; Kate Hodge, <i>Institute for the Study of Ancient Cultures</i>; Susan Golland, <i>Field Museum</i></p>	<p>Education and Events</p>
<p>Not "Just" an Intern: Building Authentic Pathways for Teen Employment Programs</p>	<p>Rosemary Garista, <i>California Science Center</i>; Rachel Fyler, <i>Museum of Science, Boston</i>; Rich Pennington, <i>Science Museum of Minnesota</i>; Ren Martin, <i>Arizona Science Center</i></p>	<p>Organizational Culture and Workforce</p>
<p>Object Elicitation Interviews: Engaging Youth in Conversations About Their STEM Learning Through Making</p>	<p>Elise Levin-Güracar, <i>TERC</i>; Ken Rafanan, <i>TERC</i>; Teresa Lara-Meloy, <i>TERC</i>; Imani Mitchell, <i>Forge Greensboro</i>; Jad Eways, <i>Cesar Chavez Foundation</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Pedagogical Parkour: Exploring the Evolving Landscape of Professional Learning</p>	<p>Sherry Burch, <i>The Tech Interactive</i>; Claire D'Emic, <i>Long Island Children's Museum</i>; Alexandra Pearson, <i>Knock Knock Children's Museum</i>; Mindy Porter, <i>Scott Family Amazeum</i>; Mireya Becker, <i>Field Museum</i>; Michael Kmietowicz, <i>Orlando Science Center</i></p>	<p>Education and Events</p>
<p>People and Policy: Strategies to Leverage Public Partnerships to Advance Organizational Goals and Museum Priorities</p>	<p>Stephen White, <i>COSI</i>; Crystal Bowyer, <i>National Children's Museum</i>; Arthur Affleck, <i>Association of Children's Museums</i>; Brenda Baker, <i>Madison Children's Museum</i>; Erica Olivares-Vincent, <i>COSI</i></p>	<p>Community and Partnerships</p>
<p>Planetary Health Efforts, Challenges, and Priorities: Insights from Seeding Action's Institutional Self-Assessment</p>	<p>Rose Hendricks, <i>Association of Science and Technology Centers</i></p>	<p>Trends and Innovation</p>

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Playful Leadership: Making Space for Focus AND Fun in Challenging Work Environments	Christian Greer, <i>Michigan Science Center</i> ; Carol Tang, <i>Children's Creativity Museum</i> ; Tifferney White, <i>Louisiana Children's Museum</i>	Leadership and Direction
Preparing for the Future with ASTC's Global Trends Framework	Naomi Wallace, <i>Association of Science and Technology Centers</i>	Trends and Innovation
Recipes for Community: Maintaining Authenticity While Integrating Food and Culture into STEM Activities	Jill Coons, <i>GrowingGreat</i> ; Lenette Rodriguez, <i>Explora Science Museum & Children's Center</i> ; Kaitlyn DelDuca, <i>The Academy of Natural Sciences</i> ; Hardin Engelhardt, <i>Marbles Kids Museum</i>	Audience, Diversity, and Inclusion
Re-EnVISIONed: Linking Multiple Approaches to Develop More Accessible Experiences for Blind and Low-Vision Visitors	Angelina Ong, <i>J. Sickler Consulting</i> ; Amon Haruta, <i>Explora</i> ; Drew Lauderdale, <i>Explora</i> ; Stacey Forsyth, <i>University of Colorado Boulder</i>	Audience, Diversity, and Inclusion
Robots to the Rescue: Leveraging AI-Driven Tools for Nonprofit Marketing & Fundraising	Andi Graham, <i>Big Sea</i>	Operations and Development
Science as Ceremony: Indigenous-Led Partnerships Between Indigenous Nations, Urban Indigenous Youth, and Natural History Museums	Lila Higgins, <i>Natural History Museum of Los Angeles County</i> ; Gabrielle Crowe, <i>Gabrielino-Shoshone Nation</i> ; Malinalli M Diaz, <i>Anawakalmekak Indigenous School</i> ; Axayacatzin Kuauhtzin, <i>Anawakalmekak Indigenous School</i> ; Sam Tayag, <i>Natural History Museum Los Angeles County</i>	Community and Partnerships
Slam Dunk for Science and Literacy: A Natural History Museum and Urban School Partnership	Renata Brown, <i>Cleveland Museum of Natural History</i> ; Eugenia Johnson-Whitt, <i>Walsh University</i>	Community and Partnerships
Strategize, Decolonize, Indigenize: Building Trust Among Community Partners and Colleagues Through Culturally Inclusive Communication	Amanda Kopp, <i>Milwaukee Public Museum</i> ; James Flores, <i>Milwaukee Public Museum</i> ; Adriana Vázquez, <i>Milwaukee Public Museum</i>	Audience, Diversity, and Inclusion
Supporting Belongingness for Neurodivergent Learners in Hands-On STEM Spaces	Susan Letourneau, <i>New York Hall of Science</i> ; Sam Tumolo, <i>New York Hall of Science</i> ; Meagan Henry, <i>EDC</i> ; Tara Henderson, <i>Explora</i> ; Erin Whyte, <i>Children's Museum of Pittsburgh</i>	Audience, Diversity, and Inclusion
Survey Says! Research Insights on Science Engagement Organizations from ASTC's Annual Statistics Survey	Gaby Wilson, <i>Association of Science and Technology Center</i> ; Ryan Auster, <i>Museum of Science, Boston</i>	Trends and Innovation

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<p>Swipe Right on Research Practitioner Partnerships: How to Find "the One" for You</p>	<p>Rachel Garcia, <i>Ohio University</i>; Tarah Connolly, <i>University of Wisconsin-Madison</i>; Alexandria Muller, <i>University of California, Santa Barbara</i>; Megan Goeke, <i>Science Museum of Minnesota</i></p>	<p>Trends and Innovation</p>
<p>Teens Tackle Climate Change: Empowering the Next Generation of Youth Leaders and Environmental Advocates</p>	<p>Meghan Nealon, <i>GrowingGreat</i>; Zahraa Aljebori, <i>Detroit Zoological Society</i>; Lauren Patrick, <i>Saint Louis Science Center</i></p>	<p>Education and Events</p>
<p>The Challenges of Science Museums in Latin America</p>	<p>Luisa Massarani, <i>Brazilian Institute of Public Communication of Science and Technology</i>; Juliana Restrepo, <i>Parque Explora</i>; Maribel Ibarra, <i>Sietecolores Ideas Interactivas</i></p>	<p>Trends and Innovation</p>
<p>The Landscape of Federal Funding for Science Engagement</p>	<p>Eve Klein, <i>Association of Science and Technology Centers</i>; Rose Hendricks, <i>Association of Science and Technology Centers</i></p>	<p>Community and Partnerships</p>
<p>The Longevity Blueprint: Exploring Experiential Depreciation and the Total Cost of Ownership of Exhibits</p>	<p>Chris Wilson, <i>Bridgewater Studio</i>; Cynthia Brown, <i>Museum EXP LLC</i>; John Beckman, <i>Bridgewater Studio</i>; Michael Horvath, <i>Museum of Science, Boston</i></p>	<p>Facility and Exhibit Design</p>
<p>The opportunity to start from (almost) scratch - what would you do?</p>	<p>Catherine Paisley, <i>Ontario Science Centre</i>; Joseph Quiñones, <i>Phillip and Patricia Frost Museum of Science</i>; Lath Carlson, <i>Museum of the Future</i></p>	<p>Trends and Innovation</p>
<p>The Value and Values of Communities of Practice: Designing for Inclusion, Challenge, and Vulnerability</p>	<p>Ali Jackson, <i>Sciencenter</i>; Alice Anderson, <i>The Forum for Youth Investment</i>; Kal Mannis, <i>Arizona Science Center</i>; Yesenia Pérez, <i>Space Telescope Science Institute</i>; Erin Thelen, <i>Association of Science and Technology Centers</i></p>	<p>Organizational Culture and Workforce</p>
<p>Traveling Exhibits: The Swiss Army Knife for Your Organization</p>	<p>Cynthia Brown, <i>Museum EXP LLC</i>; Debbie Donohue, <i>Imagine Exhibitions</i>; Daniel Guyton, <i>Oregon Museum of Science and Industry</i>; Allison Schwanebeck, <i>Science Center of Iowa</i>; Rachel Mastromarino, <i>Children's Museum of Pittsburgh</i>; Susan Neill, <i>Field Museum</i></p>	<p>Trends and Innovation</p>

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<p>User-Friendly Signage in Science Institutions: Delivering Content Without Dumbing Down</p>	<p>Cathy Hamaker, <i>Leonid Production LLC</i>; Gabe Taylor, <i>Creative Discovery Museum</i>; Orilla Fetro, <i>Adler Planetarium</i></p>	<p>Education and Events</p>
<p>We Are Camps: The Challenges and Triumphs of Camps in Museum Spaces</p>	<p>Shelli Campbell, <i>Natural History Museum of Utah</i>; Davis Tate, <i>Museum of Life and Science</i>; Nick Joseph, <i>Griffin Museum of Science and Industry</i>; Zanetha Allen, <i>North Carolina Museum of Natural Sciences</i></p>	<p>Community and Partnerships</p>
<p>Which Comes First? The Concept Deck or the Money? Tips for Hatching Your Capital Project</p>	<p>John Shaw, <i>Museum EXP</i>; Catherine Diaz, <i>Oregon Museum of Science and Industry</i>; Amanda King, <i>The Children's Museum of Indianapolis</i>; Sarah Cole, <i>Glazer Children's Museum</i>; Steve Dubnik, <i>The Strong, National Museum of Play</i></p>	<p>Facility and Exhibit Design</p>
<p>Who's in Charge?: Involving Community Leaders in Decision Making; Respecting the Owners of Artifacts</p>	<p>Lauren Patrick, <i>Saint Louis Science Center</i>; Jennings Mergenthal, <i>Science Museum of Minnesota</i>; Jill Coons, <i>GrowingGreat</i></p>	<p>Community and Partnerships</p>

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Lightning Session: Collaboration

Community Curation: Local Partnerships, Fund Development, and Exhibit Design	Emily Stewart, <i>Milton J. Rubenstein Museum of Science & Technology (MOST)</i> ; Kelly Gardner, <i>Museum of Science & Technology (MOST)</i>	Community and Partnerships
Epicenter Partnership for Earthquake Resilience	Jenny Crayne, <i>Oregon Museum of Science and Industry of Science and Industry</i> ; Scott Randol, <i>Oregon Museum of Science and Industry</i>	Community and Partnerships
Scaling Community and Museum Partnerships for the Implementation of Youth Environmental Justice Research Programs	Aujanee Young, <i>University of California Berkeley</i> ; Alex Sanchez, <i>The Lawrence Hall of Science</i>	Community and Partnerships
Science Storytelling: How Can Community Collaborations Become More Equitable and Inclusive?	Deborah Raksany, <i>Giant Screen Films</i> ; Patrica Loew, <i>Northwestern University</i>	Audience, Diversity, and Inclusion
Tracking Inclusive Exhibit Design: A New Tool for Accountability	Julia Nee, <i>Exploratorium</i> ; Emily Mwaja, <i>Kiewit Luminarium</i>	Audience, Diversity, and Inclusion

Lightning Session: Digital and Media Engagement

Co-Designing Immersive, STEM-Based Virtual Reality Experiences with Neurodivergent Learners	Teon Edwards, <i>TERC</i>	Audience, Diversity, and Inclusion
Digital Engagement: Implementation Strategies for Connecting with Diverse Youth Audiences	Emilse Alvarado, <i>Adler Planetarium</i>	Education and Events
The Value of Pivoting in Creating Audience-Centric Experiences: A Case of ilmi Park	Roberto Baldizon, <i>Mohammed Bin Salman Misk Foundation</i>	Audience, Diversity, and Inclusion
Using Media in Family Programs to Enhance STEM and Literacy Learning	Katie Hessen, <i>Twin Cities PBS</i> ; Niki Beverly, <i>Twin Cities PBS</i> ; Kelly Mueller, <i>Itasca Community Library</i> ; Anna Jennerjohn, <i>Rockman et al Cooperative Inc.</i> ; Lauren Shea, <i>American University</i> ; Julie Noyes, <i>Twin Cities PBS</i>	Education and Events

Lightning Session: Games and Play

Escape the Museum and Enter the Game: Extended Engagement and STEM Learning Through Playful Challenge	Anastasia Thanukos, <i>University of California Museum of Paleontology</i>	Education and Events
Playful Explorations: Utilizing the Power and Science of Play to Engage Learners of All Ages	Kathryn Derloshon, <i>Smithsonian National Museum of Natural History</i> ; Efrain Tejada, <i>Smithsonian National Museum of Natural History</i>	Education and Events
Understanding Inventive Identity Through Sport: The Power of the Lemelson Center’s Change YOUR Game Exhibit	Jesse Lovejoy, Smithsonian Institution's Lemelson Center for the Study of Invention & Innovation; Joanna Garner, The Center for Educational Partnerships at Old Dominion University; Avi Kaplan, Temple University; Emma Grahm, Smithsonian Institution's Lemelson	Education and Events

Lightning Session: Learning Through Evaluation

Feedback Loops: Using External and Internal Partners in the Program Creation Process	Laura Blanton, <i>Smithsonian National Air and Space Museum</i> ; Julia Orr, <i>Smithsonian National Air and Space Museum</i>	Education and Events
Maximizing the Research Potential of Evaluation: Case Study from American Museum of Natural History’s Gilder Center	Karen Hamnerness, <i>American Museum of Natural History</i> ; Jessica Sickler, <i>J. Sickler Consulting</i>	Trends and Innovation
Research on Effective Climate Change Communication in Exhibits: Lessons from a Climate of Hope	Lisa Thompson, <i>Natural History Museum of Utah</i> ; Jillian Domenici, <i>Trivium Interactive</i> ; Lynne Zummo, <i>Natural History Museum of Utah & University of Utah</i>	Trends and Innovation
Utilizing Program Metrics to Evaluate Current and Future Programming	Hope Gillespie, <i>Carnegie Science Center</i>	Education and Events

Lightning Session: Natural History

<p>Communicating Natural History Museum Science Through Youtube: Trends and Strategies Across the U.S.</p>	<p>Selina Ruzi, <i>North Carolina State University</i>; Adrian Smith, <i>North Carolina Museum of Natural Sciences</i></p>	<p>Trends and Innovation</p>
<p>From Audubon to Sneaker Ball: Authentically Building Community Partnerships</p>	<p>Marina McDougall, <i>Academy of Natural Sciences</i>; Maurice Baynard, <i>Academy of Natural Sciences of Drexel University</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Is This Too Political? How Relationships in Rural Communities Grounded New Climate Conversations</p>	<p>Laurie Giarratani, <i>Carnegie Museum of Natural History</i></p>	<p>Community and Partnerships</p>
<p>Museum in the Parks: Engaging Underserved Youth with Museum Collections at Their Local Parks!</p>	<p>Alberto Lopez Torres, <i>Florida Museum of Natural History</i></p>	<p>Audience, Diversity, and Inclusion</p>
<p>Science, Nature and People: Learning to Respect Nature Through Science</p>	<p>SUNJEONG PARK, <i>National Science Museum</i></p>	<p>Education and Events</p>

Lightning Session: Teachers and Schools

Be a Solution, Not Just a Resource: Meeting Schools and Communities Where They Are	Heather Stover, <i>Discovery Center Collective</i>	Education and Events
Content Focused Professional Development	Kat Fancher, Smithsonian Science Education Center	Education and Events
Enhancing Field Trip Planning with Digital Museum Resources	John Sapida, <i>American Museum of Natural History</i>	Education and Events
Spark Neighborhoods: A Wraparound Approach to Serving Schools and Communities	Katy Fattaleh, Griffin Museum of Science and Industry; Rex Babiera, Griffin Museum of Science and Industry; Lauren Applebaum, Griffin Museum of Science and Industry; Manny Juarez, Griffin Museum of Science and Industry	Education and Events
Teachers as Students: A Case for Intensive Teacher PD	Shannon Baldioli, <i>Smithsonian's National Air and Space Museum</i> ; Dru Humphrey, <i>Smithsonian's National Air and Space Museum</i>	Education and Events
Bringing Particle Physics and Quantum Science to Your Classroom	Natalie Johnson, <i>Fermilab</i> ; Ketevan Akhobadze, <i>Fermi National Accelerator Laboratory</i> ; Luis Mendoza, <i>Fermilab</i> ; Maureen Fermilab, <i>Fermilab</i> ; Mari Oates, <i>Fermi National Accelerator Lab</i>	Education and Events
BROADENING HORIZONS: Using Unique Field Experiences to Introduce Diverse Audiences to STEM Fields	Alix Cotumaccio, Wildlife Conservation Society, Bronx Zoo; JonDarr Bradshaw, Great Lakes Science Center	Education and Events
Engineering for Everybody: Multilingual Activities for All Ages	Kaitlyn DelDuca, <i>The Academy of Natural Sciences</i> ; Jennings Mergenthal, <i>Science Museum of Minnesota</i> ; Lenette Rodriguez, <i>Explora Science Museum & Children's Center</i> ; Mireya Becker, <i>Field Museum</i>	Education and Events
Sparks of Equity: Igniting Change Through Science Afterschool Programs	Tomara Gee, <i>Museum of Life and Science</i> ; Stepheny Hine, <i>Museum of Life and Science</i>	Education and Events
We Are All Teachers of Science: Formal and Informal Education Working Together	Rex Babiera, <i>Griffin Museum of Science and Industry</i> ; Misty Richmond, James Ward, <i>Chicago Public Schools</i>	Education and Events

Lightning Session: Teens and Youth Engagement

<p>Beyond Workforce Development: Using STEM to Foster Youth Leadership and Advance Social Justice</p>	<p>Anita Krishnmaurthi, <i>Afterschool Alliance</i>; Joseph Adamji, <i>Science Museum of Minnesota</i>; Laura Lerman, <i>California Academy of Sciences</i>; Leah Silverberg, <i>Afterschool Alliance</i></p>	<p>Trends and Innovation</p>
<p>Building and Diversifying STEM Program Pathways for Teens at the Adler Planetarium</p>	<p>Kelly Borden, <i>Adler Planetarium</i>; Lauren Wisbrock, <i>Adler Planetarium</i></p>	<p>Education and Events</p>
<p>Transforming Teen Programs: For Teens, by Teens</p>	<p>Mariana Alliatti Joaquim, <i>Natural History Museum of Utah</i>; Erin Shupe, <i>Natural History Museum of Utah</i>; Brianna Frazier, <i>Natural History Museum of Utah</i></p>	<p>Education and Events</p>
<p>Youth Belonging: Creating a Survey Instrument for Cultural Institutions</p>	<p>Nicholas Felts, <i>Griffin Museum of Science and Industry</i>; Lauren Applebaum,</p>	<p>Audience, Diversity, and Inclusion</p>
<p>Youth Volunteers: Engagement Beyond the Galleries</p>	<p>Morgan Rehnberg, <i>Adventure Science Center</i></p>	<p>Organizational Culture and Workforce</p>

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Hands-On Showcase

2175: A Youth-Created XR Game About Climate Futures	Rae Ostman, <i>Arizona State University</i>	Education and Events
Airborne Interactive: Elevating the Museum Experience with Spatial Computing	Damon Dorsey; Branden Apitz, <i>AYR Immersive</i>	Facility and Exhibit Design
Astronomy Activities for Neurodiverse Youth	Wendy Martin, <i>Education Development Center</i> ; Genevieve Ward-Wernet, <i>New York Hall of Science</i>	Audience, Diversity, and Inclusion
Dinosaurs Will Always Be Awesome (¡Y Accesibles Para Todos!)	Jimmy Waldron, <i>Dinosaurs Will Always Be Awesome (DWABA, inc)</i> ; Nico Vargas, <i>DWABA inc</i> ; Rose Maldonado, <i>DWABA inc</i> ; Dean Lomax, <i>DWABA, inc</i>	Education and Events
Escape the Backpack, Explore the Natural History Museum in a New Way!	Teresa MacDonald, <i>University of Kansas Natural History Museum</i> ; Anna Thanukos, <i>University of California Museum of Paleontology</i>	Education and Events
Europa Prime: A STEM-Based Virtual Reality Experience and Other Digital Assets Co-Designed for Accessibility	Teon Edwards, <i>TERC</i>	Audience, Diversity, and Inclusion
Inviting Interaction in the Arts to Co-Create Inspiring and Memorable STEAM Learning Experiences	Rhonda Tomel, <i>Da Vinci Science Center</i> ; Lindsay Clinton, <i>Da Vinci Science Center</i>	Audience, Diversity, and Inclusion
Scissors to Power Drills: Empowering Young Children Through Tool Use	Kim Koin, <i>Chicago Children's Museum</i> ;Elijah Cox, <i>Chicago Children's Museum</i>	Education and Events
Supporting Young Learners with Brain Science	Marie Baeta, <i>Institute for Learning and Brain Science</i>	Education and Events

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Poster

A Framework and Reflection for Play-Based STEM Engagement at Exhibits for Young Children	Jen Rehkamp, <i>Association of Children's Museums</i> ; Kelly Hoke, <i>STEM Research Center at Oregon State University</i> ; Tara Henderson, <i>Explora</i>
Attracting Exhibition Visitors with 4-Foot Walking Robots	Cheolhee Kim, <i>National Science Museum</i> ; Seong-wook Jang, <i>National Science Museum</i>
Black Leadership in Automobility	Kathleen Donald, <i>Automotive Hall of Fame</i> ; Ryan Arnold, <i>Automotive Hall of Fame</i>
Building Insights Through Observation: An Arts-Based Model for Building STEM Data Literacy	Jessica Sickler, <i>J. Sickler Consulting</i> ; Michelle Lentzner, <i>J. Sickler Consulting</i> ; Kathryn Semmens, <i>Nurture Nature Center</i> ; Keri Maxfield, <i>Nurture Nature Center</i> ; Rachel Carr, <i>Nurture Nature Center, Inc.</i> ; Hilary Peddicord, <i>NOAA</i> ; Randy Kochevar, <i>EDC</i> ; Amy Busey, <i>EDC</i> ; Erin Bardar, <i>EDC</i>
Co-Developing Inclusive Resources Supporting the Participation of All Children in Tinkering Activities	Catherine Émond, <i>Canada Science and Technology Museum</i>
Color by Number: Engaging Diverse Public Audiences in the Creation of Data-Driven Art	Tim Ogino, <i>CU Science Discovery</i> ; Alexandra Rose, <i>CU Science Discovery</i> ; Stacey Forsyth, <i>University of Colorado Boulder</i>
Creating an Exhibition with Domestic Wood with Consideration for the Environment	Chiharu Yamada, <i>Miraikan - The National Museum of Emerging Science and Innovation</i>
Creating High Energy Physics Experiments for the Classroom	Mark Adams, <i>Fermilab</i>
Culture Shift: Building a Community of Evaluative Practice	Kimberly Amey, <i>Carnegie Science Center</i>
Designing for Diversity and Inclusion in Internships	Karl Bitikofer, <i>Field Museum</i> ; Carla Bruton, <i>Field Museum</i>
Digital Guide to Gwacheon National Science Museum Using Beacon	Jungwon Choi
Empowering Alumni: How to Maintain Relationships with and Harness the Power of Your Alumni Network	Jennifer Pena, <i>University of Texas - GeoFORCE</i>
Empowering Organizations to Develop Ongoing Training to Support Staff Autonomy, Confidence, & Retention	Claire Fowler, <i>The Tech Interactive</i> ; Kate Sover, <i>The Tech Interactive</i>
Engage, Inspire, Connect: Harnessing the Power of Digital Content	Chris Haslam, <i>Field Museum</i> ; Karl Bitikofer, <i>Field Museum</i> ; Carla Bruton, <i>Field Museum</i> ; Nicole Fanelli, <i>Field Museum</i> ; Lileas Maier, <i>Field Museum</i> ; Kimberly Mendoza, <i>Field Museum</i>

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Evaluating the Use of STEM Integration Within Field Trip Lessons at Science Museums	jamie Maingot, <i>Phillip and Patricia Frost Museum of Science</i> ; Analisa Duran, <i>Phillip and Patricia Frost Museum of Science</i>
Everyone's Space: How NASA's Universe of Learning Makes Astronomy Relevant	Alexander Cotnoir, <i>Space Telescope Science Institute (NASA's Universe of Learning)</i>
Exhibits Development of Unseen Force	Yuyeong Son, <i>National Science Museum of Korea</i> ; Jihye Lim, <i>National Science Museum of Korea</i> ; Woonhee Min, <i>National Science Museum of Korea</i>
Exploring the Intersection of Museum Games: Connecting, Exhibiting, and Future Challenges	Tzu Huang
FREE Federal STEM Education Resources: Where Can I Find Them?	Melissa Anley-Mills, <i>U.S. Environmental Protection Agency, Office of Research and Development</i>
From Deep Space to the Deep Sea: Incorporating Current Research into Education and Exhibit Programs	Brittany Munson, <i>California Science Center</i> ; Elaine Krebs; Moronke Harris
From Vision to Action: Empowering Science Centers with a Theory of Change	Abigail Gwinn, <i>McWane Science Center</i> ; Alia Carter, <i>Independent Consultant</i>
Funding Frontiers: Leveraging Public Policy and Funding Opportunities at Every Level—Local, State, and Federal	Stephen White, <i>COSI</i> ; Erica Olivares-Vincent, <i>COSI</i> ; Jake Vasilj, <i>COSI</i> ; Katherine Liming, <i>COSI</i>
Growing Models for Climate Change Learning Through Plant Science	Grace Anderson, <i>United States Botanic Garden</i> ; Emily Hestness, <i>United States Botanic Garden</i> ; Sara Merritt, <i>Reiman Gardens, Iowa State University</i>
Happy Workers Make Happy Science Museums	Jihye Lim, <i>National Science Museum of Korea</i> ; Inji Yoo, <i>National Science Museum of Korea</i>
How 300 Became 880 Saving 90%!	Richard Fisher, <i>ERCO Lighting</i> ; Randy Burkett, <i>RBLD</i> ; Jennifer Baxmeyer, <i>Cradle of Aviation Museum</i>
How Are Science Museums Using Robots? New Robot Application Ideas in Science Museums	Tae-beom Ahn, <i>National Science Museum</i> ; Jong-heon Kim, <i>National Science Museum</i>
How to Prepare for the Next Pandemic: Learn Scientific Perspectives by Experiencing Basic Life-Science Experiments	Hikaruko Aoki, <i>Miraikan - The National Museum of Emerging Science and Innovation</i>
Improving Mental Health for Underserved Families Through Community Connections and the Power of Play	Tyrone Beach, <i>The Muse Knoxville</i>
Information AI Kiosk in Science Museums	Jihye Lim, <i>National Science Museum of Korea</i> ; Hyeon-jung Ki, <i>National Science Museum of Korea</i>
Inspired by Nature to You: The Value of Education Collections	Haylie Priest, <i>San Diego Natural History Museum (The Nat)</i> ; Jessica Mitchener, <i>San Diego Natural History Museum (The Nat)</i>

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Instrument Development: Effects of OST Experiences on Racially & Ethnically Minoritized Youths' STEM Career Interest	Susan Sunbury, <i>Center for Astrophysics Harvard & Smithsonian</i>
Integrating STEM and Literature Initiative	Megan Walker, <i>Asheville Museum of Science</i> ; Rebecca Whittier, <i>Buncombe County Schools</i> ; Megan Venhuizen, <i>Asheville Museum of Science</i> ; Leslie Russell
Is It Real? Object-Based Science Learning in Elementary Classrooms: Museum-School Connections	Mireya Becker, <i>Field Museum</i> ; Lindsey Snyder, <i>University of British Columbia</i> ; Rebecca Brokaw, <i>Chicago Academy of Sciences / Peggy Notebaert Nature Museum</i>
ISSM as a Platform of Science Museums	Jihye Lim, <i>National Science Museum of Korea</i>
Leveraging Community Expertise to Advance Sustainability Goals	Morgan Hoffman, <i>The Children's Museum of Indianapolis</i>
Leveraging Observation: Live Assessment During an Informal Science Learning Experience	Kim Clarke, <i>Gulf of Maine Research Institute</i> ; Amanda Dickes, <i>Gulf of Maine Research Institute</i> ; Eliza Jacobs
Making a Difference: Using Makerspaces to Create More Accessible STEM Learning Experiences	Jessica Sickler, <i>J. Sickler Consulting</i> ; Angelina Ong, <i>J. Sickler Consulting</i> ; Stacey Forsyth, <i>University of Colorado Boulder</i>
Making a Guideline for Museum Field Staff	Jihye Lim, <i>National Science Museum of Korea</i> ; Hongkeun Park, <i>National Science Museum of Korea</i>
Making a Long Term Exhibition plan	Jihye Lim, <i>National Science Museum of Korea</i> ; Hongkeun Park, <i>National Science Museum of Korea</i>
Making a Reusable Moving-Wall Module for Exhibition	Jihye Lim, <i>National Science Museum of Korea</i> ; Hyeon-jung Ki, <i>National Science Museum of Korea</i>
Metaply: Online Science Museum	Jihye Lim, <i>National Science Museum of Korea</i> ; Inkyung Kim, <i>National Science Museum of Korea</i>
Mission2Mars: Catalyzing Community Partnerships and Leveraging Content Expertise Connecting the Public with NASA's Artemis Program	Derrick Pitts, <i>The Franklin Institute</i> ; Andrea Foster, <i>The Franklin Institute</i> ; Hope Burdolski, <i>North Dakota's Gateway to Science</i> ; Sophie de Saint Georges, <i>Green Bank Observatory</i> ; Darryl N. Williams, <i>The Franklin Institute</i> ; Alison Hassman, <i>The Franklin Institute</i> ; Hollie Barattolo, <i>The Franklin Institute</i> ; Rachel Castro-Diephouse, <i>The Franklin Institute</i> ; Laura Santare, <i>The Franklin Institute</i>
More Than a Membership: Advancing STEM Access and Inclusivity for Marginalized Communities Through Subsidized Memberships	Tomara Gee, <i>Museum of Life and Science</i> ; Stepheny Hine, <i>Museum of Life and Science</i> ; Susan Rigby, <i>Museum of Life and Science</i>
NASA Resources for You!	Amelia Chapman, <i>NASA</i>
Navigating the New NAGPRA Landscape: A Deep Dive into the 2023 Updates	Tiffany Lyons, <i>Lord Cultural Resources</i>

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Operation of Exhibition Consultative Group	Jihye Lim, <i>National Science Museum of Korea</i> ; Hyeon-jung Ki, <i>National Science Museum of Korea</i>
Partnerships Across Diverse Communities Can Change the Practice of Natural History Research and Science Communication	Laurie Giarratani, <i>Carnegie Museum of Natural History</i> ; Nicole Heller, <i>Carnegie Museum of Natural History</i> ; Milena Acosta, <i>Natural History Museum of Los Angeles County</i>
Past, Present, Future: the Renewal of the the Cité Des Enfants, a Children Gallery	Helene Wang, <i>EPPDCSI Universcience</i>
Putting Results to Work: Today's Applications of Intensive Museum-Based Youth Programs 15–25 Year Follow-Up Results	Deborah Wasserman, <i>COSI</i> ; Priya Mohabir, <i>New York Hall of Science</i> ; Anita Krishnmaurthi, <i>Afterschool Alliance</i> ; Nick Martinez, <i>American Museum of Natural History</i>
Redesigning Sex Ed: Are We Just Doing Less Harm or More Good?	Michaela Williams, <i>Carnegie Science Center</i> ; Gregory Price, <i>Carnegie Science Center</i> ; Jonathan Doctorick, <i>Carnegie Science Center</i>
Reflecting Forward: Design's Impact on Inclusive Engagement for Diverse Audience Development	Kristin Rosebrough, <i>Perkins&Will</i> ; Zena Howard, <i>Perkins&Will</i> ; Bryan Schabel; Beth Crownover, <i>Smithsonian National Air and Space Museum</i> ; Alvaro Ramos, <i>Peggy Notebaert Nature Museum</i>
Reflecting on Co-Creation: Learning from Museum-Community Organization Partnerships Working Together to Develop Locally-Relevant Experiences	Allison Anderson, <i>Museum of Science, Boston</i> ; Sonya Harvey-Justiniano, <i>Museum of Science, Boston</i> ; Sarah Lukowski, <i>Museum of Science, Boston</i> ; Elizabeth Kunz Kollmann, <i>Museum of Science, Boston</i>
Research Quest: Digital Investigations for Scientific Exploration of Museum Collections & Research	McKenna Lane, <i>Digital Learning & Curriculum Coordinator, Natural History Museum of Utah</i> ; Madlyn Larson, <i>Natural History Museum of Utah</i>
Reviewing the Cultural Roots of STEM Learning: A Interim Update	Hsin-Yi Chien, <i>Exploratorium</i> ; Isabel Hawkins, <i>Exploratorium</i>
Role Model Strategies: Encouraging Youth to Consider STEM Careers	Niki Beverly, <i>Twin Cities PBS</i> ; Katie Hessen, <i>Twin Cities PBS</i>
S.H.E. Can Aviation Program	Julia Orr, <i>Smithsonian National Air and Space Museum</i>
Salin Kaalaman Caravan: Breaking Barriers, Shaping Futures	Reihvelle Perez; Luningning Samarita-Domingo, <i>National Academy of Science and Technology, Philippine Science Heritage Center</i>
Science Communication of Youtube for MZ	Jihye Lim, <i>National Science Museum of Korea</i> ; Hyunseo Chin, <i>National Science Museum of Korea</i> ; Hongsik Yun, <i>National Science Museum of Korea</i> ; Kuntae Kim, <i>National Science Museum of Korea</i>
Slowing Down to Tune In: The Benefits of Reflective Practice	Alix Cotumaccio, <i>Wildlife Conservation Society, Bronx Zoo</i> ; Claire D'Emic, <i>Long Island Children's Museum</i> ; Renata Brown, <i>Cleveland Museum of Natural History</i> ; Truck McDonald, <i>NYSCI</i>
Stories and Data: How to Communicate Climate Solutions	Nick Corcoran, <i>The Wild Center</i>

DRAFT PRELIMINARY PROGRAM – SUBJECT TO CHANGE

<p>Supporting Teachers to Enrich Science Learning Using Sustained Professional Development Courses</p>	<p>Tara Flett, <i>Griffin Museum of Science and Industry</i>; Garrett Gray, <i>Griffin Museum of Science and Industry</i>; Karin Klein, <i>Griffin Museum of Science and Industry</i>; Melanie Snow, <i>Griffin Museum of Science and Industry</i>; Katy Fattaleh, <i>Griffin Museum of Science and Industry</i></p>
<p>The Development of an Internal Evaluation Process at the Center of Science and Industry (COSI)</p>	<p>Elizabeth Marchio, <i>COSI</i></p>
<p>The FAST Table: Introducing a New Infrastructure for Flexible, Accessible, and Timely Exhibit Design</p>	<p>Jessica G, <i>Museum of Science, Boston</i>; Amy Wang, <i>Museum of Science, Boston</i>; Christopher Brown, <i>Museum of Science, Boston</i>; Ann Atwood, <i>Museum of Science, Boston</i></p>
<p>The Power of Outreach: Using Outreach to Increase Access</p>	<p>Joanne Trusz, <i>Lancaster Science Factory</i>; Amanda Bakay, <i>Lancaster Science Factory</i></p>
<p>Touch and Learn! Life on the ISS Exhibition Tour for the Visually Impaired</p>	<p>Sara Kobayashi, <i>Miraikan - The National Museum of Emerging Science and Innovation</i></p>
<p>Understanding Yourself: Personal Interactions with Health Science for Individuals Who Are Blind</p>	<p>Elaine Thatcher, <i>Tactile Images</i>; Bradley LaMere, <i>Tactile Images</i>; Janet LaBreck, <i>AIDE Alliance</i></p>
<p>Universal Design Improvement in Science Museums</p>	<p>Jihye Lim, <i>National Science Museum of Korea</i>; Hyeon-jung Ki, <i>National Science Museum of Korea</i></p>
<p>Using Film for Conversations Concerning Ethics, History, and Practice of STEM</p>	<p>Martha Merson, <i>TERC</i>; Kendall Moore, <i>University of Rhode Island</i></p>
<p>Using Urban Ecosystems as Classrooms: Empowering Teachers to Connect Students with Local Ecology</p>	<p>Melissa Siska, <i>Chicago Academy of Sciences / Peggy Notebaert Nature Museum</i>; Rebecca Brokaw, <i>Chicago Academy of Sciences / Peggy Notebaert Nature Museum</i></p>
<p>Venomventure: A Pop-Up Escape-Style Game for Families Teaches Foundational Concepts in Evolution</p>	<p>Anastasia Thanukos, <i>University of California Museum of Paleontology</i>; Teresa MacDonald, <i>University of Kansas Natural History Museum</i></p>
<p>Weekly Science Pop-Up with R&D Institutions in Science Museum</p>	<p>Jihye Lim, <i>National Science Museum of Korea</i>; Hongkeun Park, <i>National Science Museum of Korea</i></p>
<p>Whole School Change Through a Multi-Year Leadership Training Course</p>	<p>Jessica Jones, <i>Griffin Museum of Science and Industry</i>; Laura Smith, <i>Griffin Museum of Science and Industry</i>; Katy Fattaleh, <i>Griffin Museum of Science and Industry</i></p>