

Austin High School

Proposal for Extended Field Trip

ISD 492 Board Policy #610 Field Trips: "Extended field trips, that is those that require an overnight stay of more than one night and/or involve travel outside Minnesota, require school board approval. The board will consider such trips on an individual basis and pre-approval is needed before students or parents become involved. Field trips covered by this policy include those proposed by outside agencies or individual staff members that use the school name, or imply school district consent or authorization.



Multiple Nights In-State

____ Out-of-State

Sponsoring Organization/Name of Group	NAPAC AISES National Conference
Faculty Advisor	Amanda Schramm
Destination	Minneapolis, MN
Departure date	Oct 1st - 2025
Return Date	Oct 4th, 2025
# of Students attending	up to 4
# in group no attending	
Supervisor Ratio	1-4
Transportation method	bus
Agency Making travel arrangements	teaching and learning

Expenditures		Financed By	
Transportation	750	Students	NAPAC
Lodging	1800	Cost per student	Mayo Clinic
Meals	50 a day	Fundraisers (attach list)	Mayo Clinic
Entry fees/Tickets	2525	Outside contributions	Mayo clinic grant
Substitute Salary		Budgeted amount	750 transportation only
Misc.		Account number	005-790-000-313-340
Total			

____ Check if insurance is covered through MSHSL Specify if other: _____

Goal/purpose of the trip: Provides a chance to learn about the latest in STEM from a perspective that celebrates Indigenous Knowledge and innovation.

• Please attach a Trip Itinerary

Mayo Clinic Grant will pay for all costs except Transportation.
Transportation will be paid by integration

Objectives of Field Trip	Demonstration of Outcomes

Supervisor Names	Title

- Attach a copy of informational correspondence and parent permission slip sent to parents
- Attach a copy of steps taken to inform and assist financially disadvantaged students (if applicable).
- Attach a copy of lesson plans for students not going on trip (if applicable).

Submitted by:

Date submitted

8-26-25

Matt Schut

Date

8.27.25

Principal

Date

8-29-25

Superintendent

Date

Chairperson, School Board, Austin Public Schools

EXPOSURE TO NEW STEM INNOVATIONS AND RESEARCH

Showcasing cutting-edge research and innovation by Indigenous scientists and engineers, highlighting how they are integrating STEM research and careers with Indigenous culture and identity.

THE LARGEST COLLEGE AND CAREER FAIR IN INDIAN COUNTRY

Join over 300 exhibitors from tribal organizations, colleges and universities, and STEM-related companies looking to recruit Indigenous talent.

EXPLORE NEW OPPORTUNITIES AND INDUSTRIES

Discover careers, fields of study, or industries you hadn't considered before. AISES provides a chance to learn about the latest in STEM from a perspective that celebrates Indigenous knowledge and innovation.

CALL FOR APPLICATIONS

Mayo Clinic AISES scholarship
for students

AISES conference for high school students starts on October 1st. Schools should arrive by 11:30 for check-in and registration.

SCHOLARSHIP INCLUDES

- ♦ Hotel and food stipends (\$50 day) available.
- ♦ School district will book hotels and provide student with food stipend.
- ♦ Kids will be in doubled up rooms by gender.
- ♦ Funding provided for chaperones.
- ♦ Travel will be provided for chaperones.

STUDENT CRITERIA

- ♦ grades 10-12
- ♦ students interested in STEM (Science, Technology, Math, Medicine) or being part of Native community.

APPLICATION PROCESS

- ♦ Submit personal statement to RPS American Indian Education.
- ♦ 50-75 words "Self intro and intro to your community and/or science".

DEADLINE

- ♦ Rolling until full *first week of September*

Learn more about the 2025 AIES National Conference
aises.org/national-conference/#students

AISES
NATIONAL CONFERENCE

OCT 2 - 4, 2025 | MINNEAPOLIS, MN



[About](#) [Attendee Info](#) [Agenda](#) [Research](#) [Sponsors](#) [Exhibitors](#) [FAQs](#)

Agenda

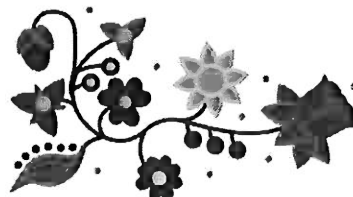
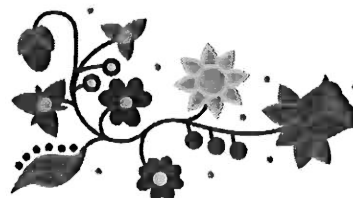
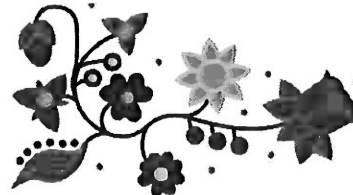
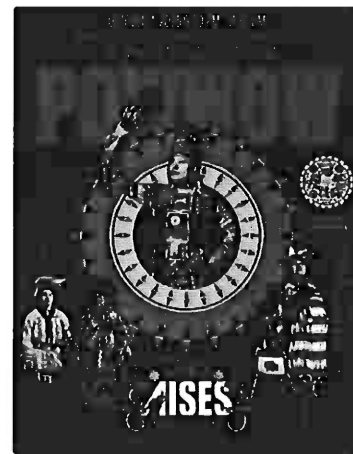
Welcome to the 2025 AISES National Conference agenda! Stay tuned to this page for any changes to dates, times, and locations.

10/01/2025

8:00 am - 6:00 pm	Lactation Lounges ❶ 2nd Floor (near room 202 B and Seasons bridge)
9:00 am - 6:00 pm	Conference Check-in and Registration ❶ Ballroom Lobby
9:00 am - 6:00 pm	AISES Merchandise Booth ❶ Ballroom Lobby
9:00 am - 6:00 pm	Volunteers Check-In Desk ❶ Ballroom Lobby
12:00 pm - 4:00 pm	AISES Adventure Real Life Simulation Activity ❶ STEM Activities Day Mezzanine Lobby
12:00 pm - 4:00 pm	Lacrosse Camp ❶ Plaza (Lawn area in front of convention center)
12:00 pm - 4:00 pm	STEM Activities Day (Registration required) ❶ STEM Activities Day M100 A-J & Mezzanine Lobby
3:00 pm - 4:30 pm	Corporate Advisory Council Meeting (CAC) ❶ 200 GH
4:30 pm - 6:30 pm	PK12 Student Gathering ❶ L100 D-G
5:15 pm - 7:00 pm	CAC & TNAC Reception (Invitation only) ❶

10/02/2025

7:00 am - 5:00 pm	AISES Merchandise Booth ❶ Ballroom Lobby
7:00 am - 5:00 pm	Volunteers Check-In Desk ❶ Ballroom Lobby
7:00 am - 5:00 pm	Conference Check-in and Registration ❶ Ballroom Lobby
7:00 am - 5:00 pm	College and Career Fair Exhibitors Move In ❶ Exhibit Hall C
7:00 am - 7:00 pm	Good Medicine Room ❶ M101 A
7:00 am - 7:00 pm	Safe Camp Zone ❶ M101 B
7:00 am - 9:00 pm	Student Study Lounge ❶ Seasons (Bridge area)
8:00 am - 6:00 pm	Lactation Lounges ❶ 2nd Floor (near room 202 B and Seasons bridge)
8:30 am - 10:00 am	Opening Ceremony ❶ Ballroom AB
8:30 am - 5:30 pm	Native Artisan Marketplace ❶ Ballroom Lobby
10:30 am - 12:00 pm	Walking Together Toward Precision: Creating Pathways for Indigenous Students in Health Research and Precision Medicine ❶ Health & Medical Sciences Shelly Dreadfulwater L100 BC
10:30 am - 12:30 pm	Introduction to Indigenous Design Camp - Building Our Future: Indigenous Design & Architecture Hands-On! ❶ Art, Architecture, and Design Mike Laverdure



	Sam Olbekson Jessica Garcia-Fritz 205 CD
11:00 am - 11:30 am	State of AISES by President (Invitation only) ① 208 AB
11:00 am - 11:45 am	Student Orientation ① 200 E
11:00 am - 11:45 am	Unlocking Potential Using Generative Artificial Intelligence in the Oil and Gas Industry ① Computer and Information Science Engineering 205 B
11:00 am - 11:45 am	Veterinary Medicine in Tribal Communities ① Health & Medical Sciences Tolani Francisco 201 AB
11:00 am - 11:45 am	Fireside Chat with Tribal Leaders: Building Indigenous Futures in STEM ① Professional & Workforce Development Ballroom AB
11:00 am - 11:45 am	Harnessing the power of outdoor education and rivers in environmental learning ① Environmental Science and Sustainability Elizabeth Waring Carolyn Cummins Alyssa Fields Riley McCafferty 202 AB
11:00 am - 11:45 am	Healing Generational Trauma Through Indigenous-Informed Design and Model of Care ① Art, Architecture, and Design Stephen N. Parker 200 CD
11:00 am - 11:45 am	Building Indigenous Nations Future Workforce through STEAM Programs ① Education and Student Success Suzanne DePoe 200 IJ
11:00 am - 11:45 am	"I am me." Intersections of STEM Identities and Indigenous Values ① Education and Student Success Tiffany Smith Nuria Jaumot-Pascual Maria (Mia) Ong 205 A
11:00 am - 11:45 am	Rising with CLOUDS - Indigenous Youth Leading with Creativity and Purpose ① Terry Chavis 200 AB
11:00 am - 11:45 am	Navigating NIH Funding Opportunities: Empowering Indigenous Health and Biomedical Science Careers ① Biological Sciences Health & Medical Sciences Kalynda Gonzales Stokes Karina Walters Crystal Richards Lameese Akacem Michael Hahn Sheethal Jose Heather Colley 200 GH
11:00 am - 12:30 pm	LGBTQIA2S+ Talking Circle ① L100 HI
11:00 am - 4:45 pm	Polaris x Indian Motorcycle Engineering Tour & Ride ① Main Convention Center Entrance (2nd Avenue)
11:00 am - 6:00 pm	Resume Room ① 102 BC
12:00 pm - 12:45 pm	Transforming Digital Access for Indigenous Learners: Understanding Identity, Access, and Opportunity in a Digitally Divided World ① Engineering Kenneth Bowen Ayesha Coleman Swinton 200 AB
12:00 pm - 12:45 pm	Indigenous Math: Place-based and Language-specific ① Indigenous Knowledge Danny Luecke 200 GH
12:00 pm - 12:45 pm	Not Like Us: Indigenous-led Solutions for a Tribal Data Repository ① Health & Medical Sciences Kall Dale Sakiah Perez Rivera

	Rebecca Dickinson 200 E
12:00 pm - 12:45 pm	Seeding your Business: Growth and Wisdom from Indigenous Womxn Entrepreneurs ① Professional & Workforce Development Maddie Habeck Tiffany Smith April Tinho Angelica Lozano-Romines Alissa Baker 200 CD
12:00 pm - 12:45 pm	Stay Safe, Stay Smart: Cyber Hygiene for Students and Educators ① Education and Student Success Amina Bashir 200 IJ
12:00 pm - 12:45 pm	Community-Based Research with the Pueblo of Laguna: Development of New Point-of-Use Technologies for Environmental Detection of Heavy Metals on Tribal Lands ① Environmental Science and Sustainability Asis López Cody Yazzie Nikita Dougan Ashley Tafoya 208 CD
12:00 pm - 12:45 pm	Hooheh Reforestation and Cultural Burn Program ① Indigenous Knowledge Ashley Lomboy Danielle Perez 205 B
12:00 pm - 12:45 pm	Mainframes, AI, and more! ① Computer and Information Science Engineering Phil Sutherin Shiva Saberi 208 AB
12:00 pm - 12:45 pm	Exploring the Field of Civil Engineering and Its Importance to Tribal Communities ① Engineering Christian Jimmie L100 D-G
12:00 pm - 12:45 pm	We Are All Scientists: Indigenous Science Research Journey ① Education and Student Success Sky Harper 201 AB
12:00 pm - 12:45 pm	Collaborative Engineering in the Indian Health Service ① Engineering Tristan Woster 205 A
12:30 pm - 4:30 pm	Boston Scientific Tour ① Main Convention Center Entrance (2nd Avenue)
1:00 pm - 1:45 pm	Growing Your Career ① Professional & Workforce Development Lisa Schmitt 200 IJ
1:00 pm - 1:45 pm	AISES Membership and Chapter Info Session ① Community Building Shayna Dix Kaitlan Lyons 205 A
1:00 pm - 1:45 pm	Blood Quantum, Identity, and Belonging ① Indigenous Knowledge Norbert Hill, Jr. Megan Minoka Hill 200 GH
1:00 pm - 1:45 pm	Igniting Indigenous Futures within STEM: Building Unique Career Pathways ① STEM & Business Vinod Narayan Leonard Peltier 201 AB
1:00 pm - 1:45 pm	Indigenous Design in a Digital World ① Art, Architecture, and Design Jennifer Overman Lauren Thomas 200 CD
1:00 pm - 2:30 pm	Tribal Nations Advisory Council Meeting (TNAC) ① 200 E
1:00 pm - 2:30 pm	Wiggle Bots: Tapping Into Creative Engineering Design ① Engineering Chelsea Wise 205 CD
1:00 pm - 2:30 pm	Strong Spirits, Safe Homes: Family Support for Native LGBTQ+ and Two-Spirit Youth ① Community Building Heath Clayton 208 AB

1:00 pm - 2:30 pm	Uprooting Colonial Narratives of STEM: Nurturing Indigenous Futures through AISES' Impact ① Indigenous Knowledge Maddie Habeck Tiffany Smith Jameson Lopez Maria (Mia) Ong Jessica Karch Nuria Jaumot-Pascual 208 CD
1:30 pm - 2:45 pm	Canadian Indigenous Advisory Council Meeting (CIAC) ① 202 AB
1:30 pm - 5:00 pm	AISES Council of Elder's Lounge - One on One ① Seasons (Round room)
1:30 pm - 5:30 pm	Tour Red Lake Nation College – Minneapolis Site, learn about TCUs in Urban Areas! ① Main Convention Center Entrance (2nd Avenue)
1:30 pm - 5:30 pm	Mayo Clinic Sports Medicine facility tour ① Main Convention Center Entrance (2nd Avenue)
2:00 pm - 2:45 pm	Na Mea Kanu Series: Native Hawaiian Methodological Approaches to Community Engagement ① Indigenous Knowledge Hauolihiwahiwa Moniz 200 GH
2:00 pm - 2:45 pm	Pathways for Indigenous students to Medicine and Research ① Professional & Workforce Development Pedro Fernandez-Funez Amanda Dionne 205 B
2:00 pm - 2:45 pm	Designing Your Premed Journey with Resources from the AAMC ① Health & Medical Sciences Cate Jackson 200 IJ
2:00 pm - 2:45 pm	Decoding the Cyber Workforce: Strategies for Success Starts with Boots on the Ground ① Professional & Workforce Development Lynn Dohm 201 AB
2:00 pm - 2:45 pm	The Tree, the Map, and the Flight Home ① Community Building Kate Cruz Seth Bader 205 A
2:00 pm - 2:45 pm	STEM Projects for Language, Culture and Land Reclamation ① Education and Student Success Carmen Gavin Vanegas Antavia Paredes-Beaulieu Ishayla Castillo Shilo Deer Ohiya Smith Chandler Potter Santana Rodriguez Sullivan Cortez Hurtado 200 AB
2:00 pm - 2:45 pm	Reclaiming Healing: the Power of Story and the Value of Indigenous Medical Education ① Health & Medical Sciences Jonathan Baines 200 CD
2:00 pm - 2:45 pm	Living Knowledge: TEK and the Revival of Buffalo Lifeways through Curriculum ① Biological Sciences Environmental Science and Sustainability Charles Bush Ballroom AB
3:00 pm - 3:45 pm	Pathways to Success: Unlocking AISES Scholarships & Internships ① Education and Student Success Johnny Poolaw 201 AB
3:00 pm - 3:45 pm	Defining tomorrow together ① Professional & Workforce Development Ericka Jones 202 AB
3:00 pm - 3:45 pm	Shaping your Destiny...Your Career Journey Begins with You ①

	Education and Student Success Josh Hammonds Alice Sanchez Ken Twist Dan Wastchak 200 CD
3:00 pm - 3:45 pm	Wired for Healing: The Path from Passion to Veterinary Neurology ① Health & Medical Sciences Evelyn Galban 200 AB
3:00 pm - 3:45 pm	Preparing for the Future of Water ① Engineering Adlas Fostlno 205 A
3:00 pm - 3:45 pm	Driving Sustainability through Green IT and Data Center Optimization ① Computer and Information Science Engineering Jonathan Diez 200 E
3:00 pm - 3:45 pm	Trailblazing with Tech: Using AI to Power Your Path to Scholarships, Internships & Careers! ① Education and Student Success Tara Astigarraga Sheri Jackson Nedlaya Francisco Gabriela Astigarraga 200 GH
3:00 pm - 4:00 pm	Academic Advisory Council Meeting (AAC) ① 205 CD
3:00 pm - 4:00 pm	Professional Chapter Council Meeting (PCC) ① 205 B
3:00 pm - 4:30 pm	Women's Talking Circle ① L100 HI
3:00 pm - 4:30 pm	Men's Talking Circle ① L100 BC
3:00 pm - 5:00 pm	Charting a Path Forward: Indigenous Leadership In a Changing Natural Resources Workforce ① Biological Sciences Diana Doan-Crider, Ph.D. Arthur "Butch" Blazer Sandra Boham, Ed.D. Zach Ducheneaux Jim Durglo David Yarfott, Ed.D. 208 CD
4:00 pm - 4:45 pm	Advancing Workforce Sovereignty Through STEM ① STEM & Business 200 E
4:00 pm - 4:45 pm	Bridging History and Technology: A Path to Digital Sovereignty ① Education and Student Success Feather LaRoche 202 AB
4:00 pm - 4:45 pm	Exploring Navajo Nation Environmental Protection Agency Primacy ① Engineering Peyton Sage 200 IJ
4:00 pm - 4:45 pm	Explore, Experiment, Excel: Designing Your Career Path ① Professional & Workforce Development Alexandra Reap Vince Bond Jill SkyTop 200 GH
4:00 pm - 4:45 pm	Powering Up: Native Youth Leading the Charge in Energy Futures ① Community Building Angelina Papakee Sydney Harper 201 AB
4:00 pm - 4:45 pm	Fusion for a brighter future ① Mathematical and Physical Sciences Adelle Wright 205 A
4:00 pm - 4:45 pm	Building the TCU Esports League ① Hai Ng 200 CD
4:00 pm - 4:45 pm	Fireside Chat: Forging New Paths — Stories of Sovereignty, Opportunity, and Firsts ① Community Building Dawson Her Many Horses Melinda Reints 200 AB

4:30 pm - 9:30 pm	FIIRE Hackathon with Dinner (Registration required) ① 205 CD
5:00 pm - 6:00 pm	Veterans' Gathering ① L100 BC
5:00 pm - 7:00 pm	Networking Suites ① See Description for Room Locations
5:30 pm - 8:30 pm	'Awa & Talanoa: Experience Pasifika Indigenous STEM Roots and Routes of the Moana - A Pasifika space of kinship, ceremony, and ancestral knowing ① L100 HI
6:00 pm - 7:00 pm	Judges Orientation for Research Presentations ① 202 AB
7:30 pm - 9:00 pm	Gemstone Reception (Invitation only) ① Ballroom A
7:45 pm - 9:15 pm	Graduate Student Reception ① L100 D-G

10/03/2025













7:00 am - 8:00 am	Morning Blessing Ceremony with the AISES Council of Elders ① L100 HI
7:00 am - 9:00 am	Wellness Activity - Primal Flow Yoga and Sound Healing ① Orchestra AB - Hilton Hotel
7:00 am - 5:00 pm	Conference Check-In and Registration ① Ballroom Lobby
7:00 am - 5:00 pm	AISES Merchandise Booth ① Ballroom Lobby
7:00 am - 5:00 pm	Volunteers Check-in Desk ① Ballroom Lobby
7:00 am - 7:00 pm	Safe Camp Zone ① M101 B
7:00 am - 7:00 pm	Good Medicine Room ① M101 A
7:00 am - 9:00 pm	Student Study Lounge ① Seasons (Bridge area)
7:30 am - 5:00 pm	Resume Room ① 102 BC
8:00 am - 9:00 am	Poster Research Presentations Setup ① Exhibit Hall D
8:00 am - 6:00 pm	Lactation Lounges ① 2nd Floor (near room 202 B and Seasons bridge)
8:30 am - 9:15 am	Treaties and Tariffs - Unique Opportunities for Tribal Entrepreneurs ① STEM & Business Gavin Clarkson 200 E
8:30 am - 9:15 am	History of Mining and Environmental cultures existing simultaneously to benefit tribal communities ① Engineering Melvin Yazzie 200 AB
8:30 am - 10:00 am	LinkedIn with Intention: Weaving Identity, Story, and Purpose Into Your Professional Journey ① Professional & Workforce Development Kenneth Bowen

	Joshua John 205 CD
8:30 am - 10:00 am	Reflecting on well-being within our academic community using the Two-Eyed Seeing approach (Etuaptmumk) ① Professional & Workforce Development Naomi Lee Nizhoni Chow-Garcia Jennifer Daw Leah Nez 208 CD
8:30 am - 5:30 pm	Native Artisan Marketplace ① Ballroom Lobby
9:00 am - 9:15 am	College and Career Fair Ribbon Cutting Ceremony ① Exhibit Hall C
9:00 am - 12:00 pm	Poster Research Presentations ① Exhibit Hall D
9:00 am - 4:00 pm	College and Career Fair ① Exhibit Hall C
9:30 am - 9:50 am	Ten Barriers to Belonging: Structural Constraints on Indigenous Women Rangers within 'America's Best Idea' ① Research: Indigenous Knowledge Research: Psychology Carly Quisenberry 201 AB
9:30 am - 9:50 am	Molecular Mischief: Investigating DIP as a Potential Metal Transporter in the Plasmodium Apicoplast ① Research: Life Sciences shai-anne nakder 202 AB
9:30 am - 9:50 am	The Use of Kaandoosh as a Biodegradable Disinfectant and Anticancer Agent ① Research: Life Sciences Johanna Bernu 205 A
9:30 am - 9:50 am	Understanding the resilience of various non-potable water sources against climate change and other hazards on the Navajo Nation ① Research: Life Sciences Tori Fulton 205 B
9:30 am - 11:30 am	Chapter Advisors Meeting ① 200 E
10:00 am - 10:20 am	HSV-1 CTCF Insulators maintain viral latency but reorganize viral chromatin structure during reactivation ① Research: Life Sciences Kayley Manuel 202 AB
10:00 am - 10:20 am	Genomics of Opioid Use Disorder ① Research: Life Sciences Nathan Nakatsuka 205 A
10:00 am - 10:20 am	In-vitro Antimicrobial Activity of Native American Medicinal Plant Extracts Against Emerging Microbial Pathogens ① Research: Mathematics Kyle Castonguay Skyler Bradford Barnes 205 B
10:00 am - 10:20 am	The worldview experiences of Indigenous undergraduate students in STEM while they persist to degree attainment ① Research: STEM Education Terry Chavis 201 AB
10:00 am - 11:30 am	Coffee Break ① Exhibit Hall D
10:00 am - 5:00 pm	AISES Council of Elder's Lounge - One on One ① Seasons (Round room)
10:15 am - 10:35 am	Picking up STEAM at Enbridge with our refreshed IRAP ① STEM & Business Jennifer Smith Exhibit Hall D (Stage at back of the hall)

10:30 am - 10:50 am	Prioritising marae-centered Indigenous knowledge for Climate Resilience ① Research: Life Sciences ACUSHLA SCIASCIA 205 B
10:30 am - 10:50 am	Bridging Indigenous Ways of Knowing with Western Science Pedagogy in STEM Education ① Research: STEM Education Genieviae Borg 201 AB
10:30 am - 10:50 am	Improving American Indian girls' and women's mental health by strengthening Indigenous matriarchal systems ① Research: Psychology Kelly Hallman 205 A
10:30 am - 10:50 am	Analyzing Go Go G!was Animation Series: A Comparative Study of Audience Feedback on Space Science Topics Versus Fundamental Science Topics ① Research: STEM Education Li-Yu Fu 202 AB
10:30 am - 11:15 am	Mapping the Path: Crafting Purposeful Development Plans for your Direct Reports ① Professional & Workforce Development Clifford Jacobs 208 AB
10:30 am - 12:00 pm	AISES Nation: IndigiNerd Gaming Event ① Community Building Shayna Dix Angelica Noel Lozano-Romines 205 CD
10:30 am - 12:00 pm	Engineering Lifesaving Solutions: Team-Based Esophageal Stent Design & Hands-On Medical Device Procedures with Boston Scientific ① Health & Medical Sciences Emily Gutierrez Markle Vicenti 200 AB
10:30 am - 12:00 pm	Storytelling with The Elders ① Indigenous Knowledge 208 CD
10:45 am - 11:05 am	Get Career-Ready: Skills, Tips & Confidence ① Education and Student Success Jasmine Morales Exhibit Hall D (Stage at back of the hall)
11:00 am - 11:20 am	Addressing Magnet Inhomogeneity in a 0.7T Head-Only Portable MRI System ① Research: Health Sciences Angela Teeple 202 AB
11:00 am - 11:20 am	Native American Students' Transition into Higher Education STEM Curriculum - A Social Cognitive Career Analysis Between Students With and Without Reservation Backgrounds ① Research: STEM Education Brandon Mansfield 201 AB
11:00 am - 11:20 am	Cell-free DNA in Normal and Inflammatory Canine CSF: Toward a universal biomarker for CNS disease. ① Research: Health Sciences Evelyn Galban 205 A
11:00 am - 11:20 am	Centering community voices in 'āina restoration on former plantation lands in Hawai'i ① Research: Life Sciences Damien Nākoa Farrant 205 B
12:15 pm - 12:35 pm	Score Big with Your Career: Play Financial Football & Kick Off Your Future with Visa! ① Community Building Jennifer Mayberry Exhibit Hall D (Stage at back of the hall)
12:45 pm - 1:05 pm	Belonging to Breakthrough: Navigating Your Corporate Journey with PIE ① Professional & Workforce Development Vanessa Viviano Paula Wynn Scott Thoms Exhibit Hall D (Stage at back of the hall)
1:00 pm - 1:20 pm	

	<p>Investigating the impacts of fire on insect biodiversity: How does Cultural Fire benefit our insect kin?</p> <p>❶</p> <p>Research: Indigenous Knowledge Research: Natural Resources Cheyenne Reuben-Thomas 205 B</p>
1:00 pm - 1:20 pm	<p>Scientific Feathered Arrows of the Tsou Tribe: A Study on the Aerodynamics and Acoustics of Feathered Arrows</p> <p>❶</p> <p>Research: STEM Education Ming Che Tsai 201 AB</p>
1:00 pm - 1:20 pm	<p>What's on Their Paws?: Comparison of Microbiota Indoor and Outdoor</p> <p>❶</p> <p>Research: Life Sciences Olizhonia Stanley 202 AB</p>
1:00 pm - 1:20 pm	<p>Simulating Community Responses to Health Interventions in Hawai'i Using Large Language Models</p> <p>❶</p> <p>Research: Health Sciences Michelle Murata 205 A</p>
1:00 pm - 1:45 pm	<p>Hands-On Go Go Giwas : An Animated Interactive Learning Journey Into Indigenous Wisdom and Modern Science</p> <p>❶</p> <p>Indigenous Knowledge Li-Yu Fu 205 CD</p>
1:00 pm - 1:45 pm	<p>Keno Dam Removal and Link River Dam Fish Restoration Project</p> <p>❶</p> <p>Engineering Brian Billy 208 AB</p>
1:00 pm - 1:45 pm	<p>Re-IMAGINing the Future of Indigenous Health Professionals: Partnerships Between Medical Schools and Tribal Colleges and Universities</p> <p>❶</p> <p>Education and Student Success Kristen Polston Matilda Peters Nicole Bowman-Farrell Autumn Chevalier 200 E</p>
1:00 pm - 1:45 pm	<p>Mending Broken Hearts: Addressing Cardiovascular Disease</p> <p>❶</p> <p>Health & Medical Sciences Amy Van Horn Ann Gronda Timothy A Kelley 200 AB</p>
1:30 pm - 1:50 pm	<p>A Values-Based Framework for Integrating Cultural Perspectives Into Community-Engaged STEM Design Workshops</p> <p>❶</p> <p>Research: STEM Education Kyle Yoshida NĀKOA Farrant Lelemia Irvine Sami Chen Kourtney Kawano Maveric Abella 201 AB</p>
1:30 pm - 1:50 pm	<p>Qualification and Quantification of Per- and Polyfluoroalkyl Substances In drinking water throughout Arizona</p> <p>❶</p> <p>Research: Other Elliot Huff 202 AB</p>
1:30 pm - 1:50 pm	<p>Building Research Pathways: The Importance of Native American Medical Student Involvement in Community-Based Health Projects</p> <p>❶</p> <p>Research: Health Sciences Loudon Akin 205 A</p>
1:30 pm - 1:50 pm	<p>An Assessment of Carbon Sequestration and Carbon Storage Within Forested Conservation Easements in Northeastern Oklahoma</p> <p>❶</p> <p>Research: Natural Resources Kaitlin Branson 205 B</p>
2:00 pm - 2:20 pm	<p>Coordinating Distributed Energy Resources in Active Distribution Networks with Deep Reinforcement Learning</p> <p>❶</p> <p>Research: Computer Science Daniel Glover 205 B</p>
2:00 pm - 2:20 pm	<p>Synthesis of Sulfono-γ-AApeptide as α-Helico-Mimetic to Disrupt a Protein-Protein Interaction (PPI)</p>

	<p>❶ Research: Health Sciences Sky Harper 205 A</p>
2:00 pm - 2:20 pm	<p>Rooted In Parasitism: How Holoparasites Build Desert Plant Communities</p> <p>❶ Research: Life Sciences Miranda Buckley 201 AB</p>
2:00 pm - 2:45 pm	<p>Reclaiming Visions: Native Entrepreneurship and the Power of Vision Beyond Trauma</p> <p>❶ Professional & Workforce Development James Whirkwind Soldier 208 AB</p>
2:00 pm - 2:45 pm	<p>Code, Powwow and Mini Regalia Dancer Robots ❶</p> <p>Education and Student Success Ryan Lindsay Amanda Koivisto 205 CD</p>
2:00 pm - 2:45 pm	<p>Capacity building and workforce development related to Tribal energy projects</p> <p>❶ Professional & Workforce Development Stephanie Bostwick Mike Stevenson 200 AB</p>
2:00 pm - 2:45 pm	<p>Incorporating Indigenous Knowledge For Scientists and Engineers</p> <p>❶ Indigenous Knowledge Michelle Larson 200 E</p>
2:00 pm - 3:30 pm	<p>Bison Bump Business Plan Challenge ❶</p> <p>STEM & Business Exhibit Hall D (Stage at back of the hall)</p>
2:30 pm - 2:50 pm	<p>Long Context Code vulnerability Classification ❶</p> <p>Research: Computer Science Vikas Kumari 202 AB</p>
2:30 pm - 2:50 pm	<p>Towards open energy: MicroGrid Renewable Integration Dispatch and Sizing (MIGRIDS) Lite</p> <p>❶ Research: Engineering Baxter Bond 205 B</p>
2:30 pm - 2:50 pm	<p>Soil recovery following pipeline installation in the Bakken region of North Dakota</p> <p>❶ Research: Energy Violet Eagle 205 A</p>
2:30 pm - 2:50 pm	<p>Cattaraugus Creek Contamination ❶</p> <p>Research: Natural Resources Research: Other Alyssa Warrior 201 AB</p>
3:00 pm - 3:20 pm	<p>Indigenous Youth in Innovation-Based Learning: Reflections from a Tactile Diabetes Project</p> <p>❶ Research: STEM Education Rebecca Kennedy-Sazue 201 AB</p>
3:00 pm - 3:20 pm	<p>Ma'lingan and Medicine: Integrating Indigenous Protocols in Wolf Anesthesia</p> <p>❶ Research: Life Sciences Avery Tilley 202 AB</p>
3:00 pm - 3:20 pm	<p>Temperature dependent modelling of brackish groundwater electrodialysis - augmenting inland water supplies</p> <p>❶ Research: Engineering Pauly Soulia 205 B</p>
3:00 pm - 3:20 pm	<p>Empowering and Fostering Indigenous Representation in Biomedical and Health Sciences through the Native American Research Internship</p> <p>❶ Research: STEM Education Wallita Ranger 205 A</p>
3:00 pm - 3:45 pm	<p>Pre-colonized Mathematics ❶</p> <p>Indigenous Knowledge Royal Roan Eagle 200 E</p>
3:00 pm - 3:45 pm	<p>Rising Together: Coast Guard Careers, Leadership & Scholarships</p> <p>❶ Professional & Workforce Development Taylor Anderson Lana T. Port 208 CD</p>
3:00 pm - 3:45 pm	

3:00 pm - 3:30 pm	Empowering Indigenous Futures Through Technology and Tradition  Community Building Shawndean Smith 205 CD
3:00 pm - 4:30 pm	Engineering Design: Two-Eyed Seeing Robotics  Education and Student Success Elaine Westbrook 200 AB
3:30 pm - 3:50 pm	Wild Greens: Decolonialism, Relationality, and Spirits  Research: Indigenous Knowledge LaCher Pacheco 201 AB
3:30 pm - 3:50 pm	Comparative Analysis of Bioactive Properties in Indigenous and Commercial Corn During Sprouting Under Temperature Stress  Research: Indigenous Knowledge Mercedes Morin 202 AB
3:30 pm - 3:50 pm	Restoring Rangelands: Using GIS to Assess and Map Vegetation and Culturally Significant Plant Recovery Following Bison Reintroduction on Previously Cattle-Grazed Lands of the Cheyenne River Sioux Reservation, South Dakota  Research: Indigenous Knowledge Summer Afraid of Hawk 205 B
3:30 pm - 3:50 pm	'Awa & Talanoa: Indigenous Praxis Grounded in Monanulākea / Pasifika learning, teaching and doing methodologies  Research: Indigenous Knowledge Research: STEM Education Lea Lani Kinikini Lelemla Irvine 205 A
4:00 pm - 4:20 pm	CARE to Elaborate? A Principled Indigenous Data Governance Bundle for Expanding on & Filling the Gaps of NAGPRA  Research: Indigenous Knowledge Sierra Hicks 202 AB
4:00 pm - 4:20 pm	Considerations for Implementing AI in Warehousing Environments  Research: Computer Science Irma Adams 205 B
4:00 pm - 4:20 pm	Kicking Remnants to the Curb: Considering Surrogate Models for McFACTS Merger Dynamics  Research: Atmospheric Science Shawn Ray 201 AB
4:00 pm - 4:20 pm	Restoring Sovereignty: Indigenous Stewardship Across Lands and Data  Research: Life Sciences McKalee Steen 205 A
4:00 pm - 4:45 pm	Preparing for a Career the Health Professions: Why Applying to SHPEP Should Be Your First Step  Health & Medical Sciences Antonio Mancuso 200 E
4:00 pm - 4:45 pm	You decide who gets funded!  Professional & Workforce Development Nancy Petersen Nina Sajovec 208 AB
4:30 pm - 4:50 pm	Nurturing Plants Project: Co-creating and Advancing a Sustainable Diné Way of Life Through a Diné Hydroponic Project  Research: Indigenous Knowledge Breanna Lameman 202 AB
4:30 pm - 4:50 pm	Development of Occupational Safety Indicators for Breweries in Selected States  Research: Engineering Jaime Thissen 205 B
4:30 pm - 4:50 pm	Agrivoltaics in the Navajo Nation: Community Insights from an Indigenous-Led Assessment  Research: Psychology Emiliano McLane 201 AB

4:30 pm - 4:50 pm

Centering Native Communities within Engineering Design - Supporting Energy Sovereignty for Tribal Nations

①

Research: Energy Bethany Klemetsrud Anita Fredrick
205 A

4:30 pm - 6:00 pm

Higher Education Committee Meeting ①

205 CD

4:30 pm - 8:00 pm

College and Career Fair Exhibitors Move Out ②



