



AISES Region 1 2024



AMERICAN INDIAN SCIENCE
AND ENGINEERING SOCIETY

Many thanks to our generous sponsors!



TENTATIVE CONFERENCE SCHEDULE

April 12-13, 2024 - University of Alaska Fairbanks - Fairbanks, AK

Friday, April 12, 2024 Elvey and Akasofu Building

Time	Event	Presenter(s)	Location
8:00 - 10:00 AM	Registration		Elvey 215 Globe room Ground floor
10:00 -12:00 PM	Opening & Keynote & Lunch		Elvey 214 Auditorium Ground Floor
12:15-1:45 PM	Museum of the North		Museum of the North
2:00-3:00 PM	Coffee Break		Elvey 215 Globe Room Ground Floor
3:15-3:45 PM	Getting to Know AISES and a Guide to Chapter Success	Kaitlan Lyons	Elvey 215 Globe Room Ground floor
4:00-4:30 PM	National Science Foundation Graduate Research Fellowship Program Infosession	Anni Leming	Akasofu 501 5th floor
	Empowering Indigenous Youth: Mentorship in Community-Based Research	Joseph and Justin Rodriguez	Akasofu 401 4th floor
4:45-5:15 PM	Administration for Native Americans (ANA) 101: Learn how ANA grant funding can assist in supporting projects in the areas of STEM for the benefit of Indigenous communities.	Richard White	Akasofu 501 5th floor
	Bridging Gaps: ANTHC's Homeowner Sanitation Program	Andrew Nicolai	Akasofu 401 4th floor
5:15+ PM	Dinner on your own		



AMERICAN INDIAN SCIENCE AND ENGINEERING SOCIETY

Saturday, April 13, 2024 Joseph Usibelli Engineering and Learning Building

Time	Event	Presenter(s)	Location
10:00-11:00 AM	Large Animal Research Station		LARS
11:00-12:00 PM	Lunch		JUB 301/305 3rd floor
12:00-12:30 PM	Student Caucus		JUB 401 BP Design Theater 4th floor
12:30-5	Quiet/Study area		JUB 401 BP Design Theater 4th floor
1:00-1:30 PM	Designing a Health Future: From Honeybucket to Running Water	Marcus Lupie	JUB 301 3rd floor
	Sovereignty and Autonomy for Long-term Monitoring of Non-human genes (SALMONG)	Kristen Reece	JUB 305 3rd floor
1:45-2:15 PM	Nationwide Eclipse Ballooning Project & Demonstration	Nalugalia Usugan-Weddington	Start at JUB 301 Demo at Cornerstone
	CS for Everyone	Pamela Allen	JUB 305 3rd floor
2:30-3:30 PM	Coffee Break sponsored by the Alaska Center for Energy and Power		JUB Foyer Ground floor
3:45-4:15 PM	Bioinspired Technology	Rolf Mueller	JUB 301 3rd floor
	Feral Rabbits in Urban Environments - Behavioural Study	Oceania Kreutzer	JUB 305 3rd floor
4:30-5:00 PM	Supporting the Health of Our Communities: Careers in Tribal Health Care	Kari Kunzelman, Sasha Jones, Katie Hunsberger	JUB 301 3rd floor
	Closing the Knowledge Gap: Brain Health and Concussions Awareness Among Indigenous Hockey Players	Makenzie McCallum	JUB 305 3rd floor
5:30-7:30 PM	Potluck Dinner		TDB



Welcome to the University of Alaska Fairbanks Conference Locations

Friday, March 22: 9:00 am - 5:30 pm

Conference Registration & Orientation
Engineering Learning and Innovation Facility
BP Design Theater - 4th Floor ELIF
Presentation Sessions - 3rd Floor ELIF



Saturday, March 23: 9:00 am - 12:30 pm

Activities, Lunch & Caucus
International Arctic Research Center
5th Floor

Saturday, March 23: 1:00 pm - 4:30 pm

Presentation Sessions
Margaret Murie Building
1st Floor





AMERICAN INDIAN SCIENCE
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Opening Ceremony

Friday,

11:00 AM - 12:30 PM

BP Design Theater - 4th Floor ELIF

PERFORMANCE - Inu-Yupiaq Dance Group

WELCOMING REMARKS

KEYNOTE ADDRESS

Friday Presentation Sessions

Friday, March 22

3:15 - 4:15 PM

ELIF 301

ELIF305

CONTINUED

Friday Presentation Sessions, cont'd



AMERICAN INDIAN SCIENCE AND ENGINEERING SOCIETY

**Friday, March 22
4:30 - 5:30 PM**

ELIF 301

Saturday Morning Activities

**Saturday, March 23
9:00 AM - 10:30 AM
20 Person Sign-ups**



LARGE ANIMAL RESEARCH STATION(LARS)

The Robert G. White - Large Animal Research Station (LARS) is situated on 134 acres of land just north of the campus of the University of Alaska Fairbanks. The goal of LARS is to establish a colony of muskoxen that are available for nutritional, physiological, and behavioral research. Be sure to wear good walking shoes and warm layers.



Saturday Presentation Sessions

Saturday, March 23

1:00 - 2:00 PM

MURIE 103

Haley Nelson

PRESENTATION TITLE

Brief Description of Talk

Speaker Bio

MURIE 105

Dr. Rebecca Wilbur

PRESENTATION TITLE

Brief description of talk

Dr. Rebecca Wilbur is an Optometrist at Chief Andrew Isaac Health Center in Fairbanks, Alaska. She is an alumna of University of Alaska Fairbanks and graduated with a B.S. Biological Sciences. She attended Pacific University College of Optometry and graduated with a doctorate in Optometry. Dr. Wilbur is originally from Quinhagak, Alaska. She is Yup'ik Eskimo and fluent in her language. She and her husband have three children and enjoy hunting, trapping and fishing and many other outdoor activities.

CONTINUED



Saturday Presentation Sessions, cont'd

Saturday, March 23

2:15 - 3:15 PM

MURIE 103

Chief Kelly Ringaman

NAVY NUCLEAR ENGINEERING AND CIVIL ENGINEERING

Learn about two extremely competitive engineering programs that allow students to become engineers in America's Navy.

Chief Kelly Ringaman joined the Navy in November 2012, and has served in the Navy for 16 years. Originally from McClure Pennsylvania, she is the daughter of David and Donna Weader. In her Navy career she has been stationed in San Diego, Ca, Diego Garcia, USS Nimitz, Navy Recruiting District San Diego, Navy Recruiting District New England, Navy Recruiting District Richmond and Commander Navy Recruiting Command where she is the program manager for AISES, SWE AND TMCF. Her awards include Navy and Marine Corps Commendation medal, Navy and Marine Corps Achievement Medal, Good Conduct medal(4) Global war on Terrorism expeditionary medal, Global war on Terrorism service medal, and Military Outstanding Volunteer medal.

MURIE 105

Jason Slats

PRESENTATION TITLE

Brief description of talk

Speaker bio



Saturday Presentation Sessions, cont'd

Saturday, March 23

3:30 - 4:30 PM

MURIE 103

Sveta Yamin-Pasternak and Igor Pasternak

PRESENTATION TITLE

Brief description of talk

Speaker bio

MURIE 105

Diloola Ericson

PRESENTATION TITLE

Brief description of talk

Speaker bio



AMERICAN INDIAN SCIENCE
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Performance - Troth Yeddha' Dance Group

Join us in sitting down for one last meal together to close out AISES Region One's 2024 Conference! This will be an informal potluck style meal with various Alaskan comfort food dishes. If you would also like to contribute a dish please let us know and we may be able to get you access to a kitchen and other tools you need.