



# Alaska EPSCoR Project Management & Communications

All Hands Meeting  
February 8-9, 2023






## Central Team


- Brenda Konar, Principal Investigator
- Tara Borland, Associate Director
- Shannon Watson, Fiscal Manager
- Cherissa Dukelow, Communications Manager
- Naomi Hutchquist, Data Visualization Specialist
- Joey Hogenson, Data Visualization Intern
- Bobby Borland, Data Visualization Intern




# Overview

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 Partnerships, Support Programs, Seed Awards - Tara and Courtney

 Budgets & Compliance - Shannon

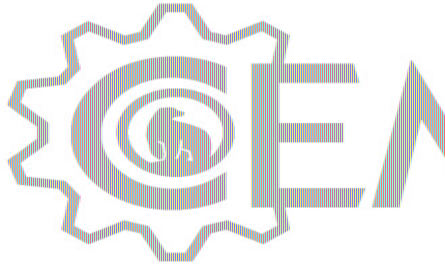
 Communications - Cherissa

 Data Visualization - Naomi

# Partnerships and Collaborations



**ANSEP**



**ALASKA NATIVE  
TRIBAL HEALTH  
CONSORTIUM**





# Economic Development



- STEM-based economic development partnerships
- Collaborate with multiple groups
  - Center ICE (Innovation, commercialization and entrepreneurship)
  - TREND (Alaska Technology, Research and Development)
  - Arctic Innovation Competition



# Economic Development - Alaska Center ICE



Economic development workshops



Startup Week and Weekend

Alaska Center  
ICE  
Innovation, Commercialization & Entrepreneurship

**USDA SBIR/STTR ALASKA**  
NON-DILUTIVE FUNDING  
OPPORTUNITIES AND RESEARCH

MELINDA COFFMAN  
USDA SBIR PROGRAM COORDINATOR

FRIDAY, SEPTEMBER 9TH AT NOON  
ZOOM @ BP DESIGN THEATRE, ELIF BUILDING  
*(Free lunch available)*

REGISTER  
BITLY/AKICE

UNIVERSITY OF ALASKA  
FAIRBANKS

SBIR/STTR  
**ALASKA TECHNOLOGY  
RESEARCH & DEVELOPMENT  
FUNDING SUPPORT**

Virtual via zoom

THURSDAY  
05 | 19 | 2022  
12:00 PM - 15:00 PM AKT

Register for  
free online

Alaska Center  
UNIVERSITY OF ALASKA  
FAIRBANKS

Alaska  
EPSCoR

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techstars  
**Startup Weekend  
Fairbanks**  
FEBRUARY 17-19,  
2023

Startup Weekend, allows you to immerse yourself in startup life for a weekend. In the process you gain and practice skills like team building, networking, and customer discovery.

Halling over an idea, experienced entrepreneurs, or curious about startups? This event is for you!

HOSTED AT THE UNIVERSITY OF ALASKA FAIRBANKS  
Beginning 9 pm February 17th at BP Design Theatre in Joseph Doherty Engineering Building

LEARN MORE ABOUT THE WEEKEND @  
REGISTER NOW @  
<https://bit.ly/techstars-suw-fairbanks>

THANK YOU TO OUR SPONSORS

OneTree Alaska  
Alaska Center  
EPSCoR  
Selling Systems

WEB 907

# Economic Development - TREND



Phase 0 Grants



Workshops  
SBIR, STTR



# Economic Development - Arctic Innovation Competition



Annual Innovation Competition



Kicker - Climate Adaptation



**AIC ARCTIC INNOVATION COMPETITION**



**Social Media Report**

A brand new AIC sponsor for 2022 is Alaska EPSCoR! Alaska EPSCoR's focus to climate-driven changes to Alaskan wildfire regimes and coastal ecosystems makes them the perfect sponsor for the Climate Adaptation Kicker. Make sure you add the Main Division Semifinals event tonight to your calendar!

**Donor Spotlight**



UAF Arctic Innovation Competition

Personalized Post

AIC has more than one way to win!  
Submit your idea and be eligible for the



**\$2,000**

Climate Adaptation Kicker!



Paid Ad Image



**Arctic Innovation Competition**

Submission Deadline  
**Friday, March 3<sup>rd</sup>**  
Final Competition  
**Saturday, April 22<sup>nd</sup>**

Over \$40,000  
in Prizes!  
Including Alaska 529  
Scholarships

Alaska's Original Idea Contest  
Enter your ideas and inventions and WIN BIG.  
NO entry fee, prototype, or business plan required.  
Ideas do not need to be Arctic-related to enter.

[www.uaf.edu/aic](http://www.uaf.edu/aic)

**MAIN**  
Ages 18 & up

**JR**  
Ages 13-17

**CUB**  
Ages 12 & under

**WIN \$15,000**

Presenting Sponsor:  
**UCM USIBELLI COAL MINE**



**KINROSS**

JR/Cub Division Sponsors:

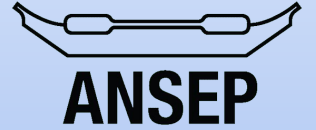
Alaska **ALASKA529**

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# Student Support

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- ★ Student Ambassador Program
- ★ ANSEP Interns
- ★ Scuba Inclusion Awards

# EPSCoR Student Ambassadors

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**Maris Goodwin**  
MS Student - CFOS  
Coastal Margins

**Michelle Quillin**  
MS Student - DNRE  
Boreal Fires



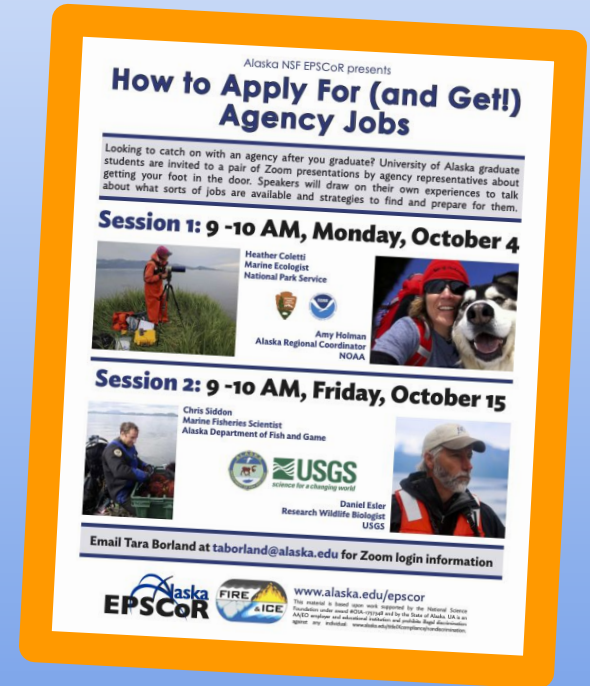


# Ambassadors - Accomplishments

 How to apply for agency jobs

 How to be a good reviewer

 Grant Writing - AHM



Alaska NSF EPSCoR presents

## How to Apply For (and Get!) Agency Jobs

Looking to catch on with an agency after you graduate? University of Alaska graduate students are invited to a pair of Zoom presentations by agency representatives about getting your foot in the door. Speakers will draw on their own experiences to talk about what sorts of jobs are available and strategies to find and prepare for them.

**Session 1: 9 -10 AM, Monday, October 4**

**Heather Coletti**  
Marine Ecologist  
National Park Service



**Amy Holman**  
Alaska Regional Coordinator  
NOAA

**Session 2: 9 -10 AM, Friday, October 15**

**Chris Siddon**  
Marine Fisheries Scientist  
Alaska Department of Fish and Game

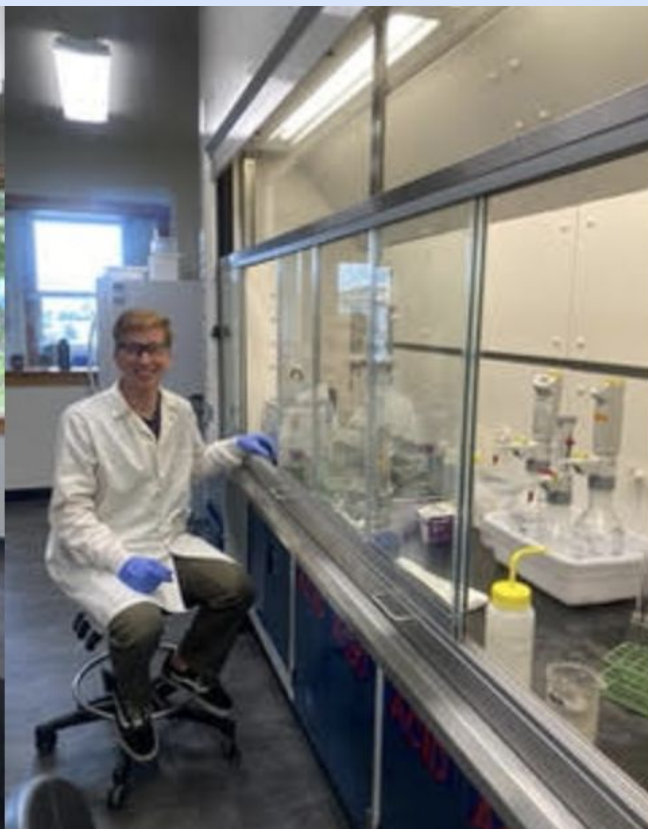
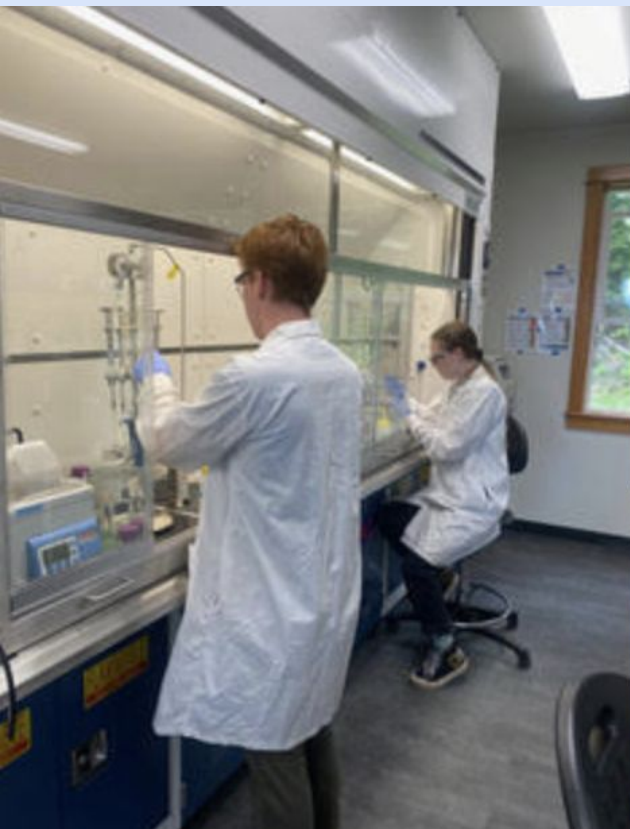
**Daniel Esler**  
Research Wildlife Biologist  
USGS

Email Tara Borland at [taborland@alaska.edu](mailto:taborland@alaska.edu) for Zoom login information

  [www.alaska.edu/epscoR](http://www.alaska.edu/epscoR)

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**ANSEP Internships**



# Scuba Inclusion Awards

EPSCoR awarded 8 “SCUBA Inclusion Awards” of up to \$1,000 designed to increase diversity and inclusion in science fields that incorporate SCUBA diving to UA undergrads and graduate students to use for open water training or other dive courses.



## SCUBA INCLUSION AWARDS

The purpose is to increase diversity and inclusion in science fields that benefit from being a scuba diver.

- ✓ 10 Awards Available
- ✓ Awards are up to \$1000 each
- ✓ Use it for open water scuba classes, diving courses, or something similar.
- ✓ Undergraduate & graduate students with any level of swim or dive experience are encouraged to apply.

**APPLY NOW**

[www.bit.ly/3u90wQY](http://www.bit.ly/3u90wQY)



**DEADLINE: DEC. 12**

# Seed Awards



- Funding for transformative research to extend our Fire & Ice research
- Supports research, education/outreach and data visualization
- *Year 5 awards (January 1, 2023 - September 30, 2023)*

# Year 5 Seed Awards

	Faculty	Student
Boreal Fires	3	
Coastal Margins	4	3



The background of the entire image is a dense, close-up photograph of sunflower seeds. The seeds are dark brown with prominent white stripes, and they are scattered in various orientations, creating a textured, repetitive pattern.

# Overall Seed Awards

Total: 58 Awards

Year 5: 10 Research Seeds

# Professional Development

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- ★ Faculty, Students and Staff
- ★ Grant Writing Workshop
- ★ Implicit Bias Workshop
- ★ SSSC - SIRF and Scientists in the Schools
- ★ IGNITE







SITKA SOUND  
SCIENCE CENTER

# IGNITE Workshop:

Individual Growth & New Ideas  
Through EPSCoR/INBRE



## IMPRESSIVE SPEAKERS:

**Dr. Sharon Milgram**

Director of the Office of  
Intramural Training and  
Education at the NIH.

**Dr. Kelvin Chu**

Senior Vice President and CEO  
of The Implementation Group.

**Geoff Welch**

Local small business owner  
and performance coach.



January 11 & 12



**Location:**

Fairbanks, off-campus

**Alaska**  
**EPSCoR**

**ALASKA**  
**INBRE**  
Alaska Network of Biomedical Research Excellence

Thanks to the Vice  
Chancellor of Research!



*Pictured above: Dr. Sharon Milgram answering audience questions thoughtfully during her "Being a Resilient Scientist" presentation.*



# Fiscal Updates

- Your Departmental Funds
  - Processed through your department
  - Compliance concerns
- Costs Covered by Central Office Funds
  - New Hires / Post Docs / Co-I Salary
  - All Hands Meeting
- End of year / Project Reminders
  - Equipment
  - Salary Estimates
  - Department Support



# Fiscal Updates

- Post Doc Updates
- Rebudgets
- Departmental Purchases
- Carryforward

IF YOU CAN'T SAY  
ANYTHING NICE...  
AT LEAST MAKE IT  
FUNNY.





# Communications



Communications Manager, Cherissa Dukelow

gcdukelow@alaska.edu  
202 WRRB

# Internal Communications

- **Monthly Email Newsletter**  
“Fire & Ice Essentials”  
(Email [gcdukelow@alaska.edu](mailto:gcdukelow@alaska.edu) to be added)
- **Google Group email updates:**  
[ua-epscor-list@alaska.edu](mailto:ua-epscor-list@alaska.edu)



# Useful Info on the Alaska EPSCoR Website

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- Newsletter archive
- Recordings of presentations and workshops
- Video highlights
- Story maps
- How to acknowledge EPSCoR + logos
- Onboarding packet for new students
- Data portal
- Seed grant reporting template
- Faces of STEM



# Communications & YOU!

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- Submit annual report info anytime (but before May) into Coastal Margins, Boreal Fires, and DEW spreadsheets on Google Drive
  - Keep in mind notable items for highlights
- Let me know of fun, newsworthy, or important info & share photos
- All products should note NSF award # and state of AK:




# Upcoming Events

UAF Geophysical Institute Presents

## SCIENCE FOR ALASKA

2023 PUBLIC SCIENCE EVENTS

Tuesdays at 7 p.m. AKST  
Schaible Auditorium, UAF  
OR visit our website for virtual options



New! Free K-12 family events  
Sat., Jan. 28 | Tues., Jan. 31

**Free Science Talks:**

<b>07 FEB</b>	Detecting Space-Debris Bullets Paul A. Bernhardt	<b>03 FEB</b>	Science for Alaska: <i>First Friday Kick-Off</i> 5:30 - 7 p.m. at the UAF Pub
<b>14 FEB</b>	Inspiring Girls Expeditions Alaska: Teaching Science and Art with Nature's Guidance Sarah Clement & Joanna Young	<b>28 FEB</b>	Plate to Plate: Rupture of the Great Alaska Earthquake Evans Onyango
<b>21 FEB</b>	Satellites to Cell Phones: New Ways of Understanding the Aurora Doğaçan Su Öztürk	<b>07 MAR</b>	Gnawing & Thawing: Beavers and Rapid Change in NW Alaska Ken Tape & Seth Kantner

## MARICULTURE CONFERENCE of Alaska

FEBRUARY 15-17, 2023 | JUNEAU, ALASKA



## techstars\_ Startup Weekend Fairbanks

February 17-19,  
2023



## ALASKA'S Science Olympiad

MIDDLE SCHOOL - DIVISION B

FEBRUARY 24-25, 2023

UNIVERSITY OF ALASKA  
FAIRBANKS





## Social Media

*Follow, share, & tag us!*

*Please feel free to reach out!*

Cherissa Dukelow  
gcdukelow@alaska.edu



**Facebook:** AKEPSCOR



**Twitter:** #akepscor



**Instagram:** @alaskaepscor



**LinkedIn:** Alaska EPSCoR



**YouTube:** AlaskaEPSCoR



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# Data Visualization Team

Naomi Hutchquist  
Joey Hogenson  
Bobby Borland

## Products:

- Videos, animations, emerging technology
- Workshop events
- Data Visualization Collaborations



# Workshops NFTs & Visualizing Science

Alaska NSF EPSCoR Presents:

## VISUALIZING SCIENCE

Communicating concepts through graphic design

Free online workshop

MAY 4TH, 2022  
3:00-4:00PM

Register here!



Discuss basic best practices for condensing and communicating complex ideas

Discover free tools and programs available to create infographics, flyers, and social media posts to share your science

Beginner-level graphic design instruction, no experience necessary

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This material is based upon work supported by the National Science Foundation under award #2021-19723 and by the State of Alaska.



## Visualizing Science

- Beginner level graphic design instruction
- Overview of communication best practices
- 48 participants statewide

## NFT Ice Jams

- Two virtual events exploring academic use cases for NFT technology
- In collaboration with Center ICE, eCampus
- 22 participants

## Building NFTs for Academic Environments

Tuesday May 31st  
4pm-5pm  
Virtual via Zoom

Learn more about NFTs in this collaborative meeting. Let's plan a NFT "hackathon" to mint NFTs with potential for use in an academic setting. Bring your thinking caps and your ideas.



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Sign Up Here:



<https://conta.cc/3wayj8l>

# Firewise VR Game



- Created as an interactive tool for property owners to prepare homes for fire season.
- Virtual reality engages the public in our visualization, especially with kids and young adults.

# Firewise VR Demonstrations



- Many opportunities to present the VR visualization at public events.
- Always a steady stream of people interacting with the game and even more watching them play and learning about Firewise.

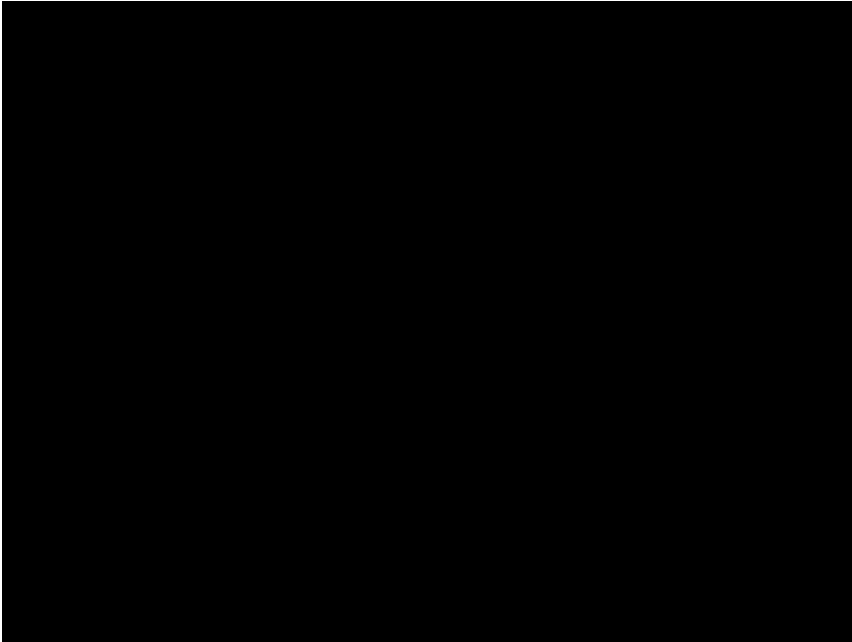
# Projects in Progress

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- Firewise VR Game distribution
- Coastal Margins VR game and collaboration with VI EPSCoR
- eDNA video
- Fire & Ice project final video
- CASC workshop Blender GIS
- 3D printed fire maps

# Space for Time Animation



- Animated video for elementary/middle school kids
- Focus on space for time substitution and glacial gradient
- Feedback welcome!