

# AICC Polar Early Career Training Cruise - 2024

Update to UNOLS Council, April 2024

*Photos by Lloyd Pikok Jr., UIC Science/Battelle*



# Purpose

- Target “early career” audience is early career faculty, postdocs, late stage grad students
- Arctic cruises have traditionally been led by a small subset of PIs
- Recognized barriers for ECR
  - Complex logistics
  - Navigating relationships with communities, vessel operators (and for Healy, military chain of command)
  - Limited vessel access, history of cruises being multi-disciplinary
  - All of the above factors can make managing science teams / interpersonal dynamics particularly challenging
- Training program to build support network and empower ECR to step into leadership roles

# Recruitment & applicants

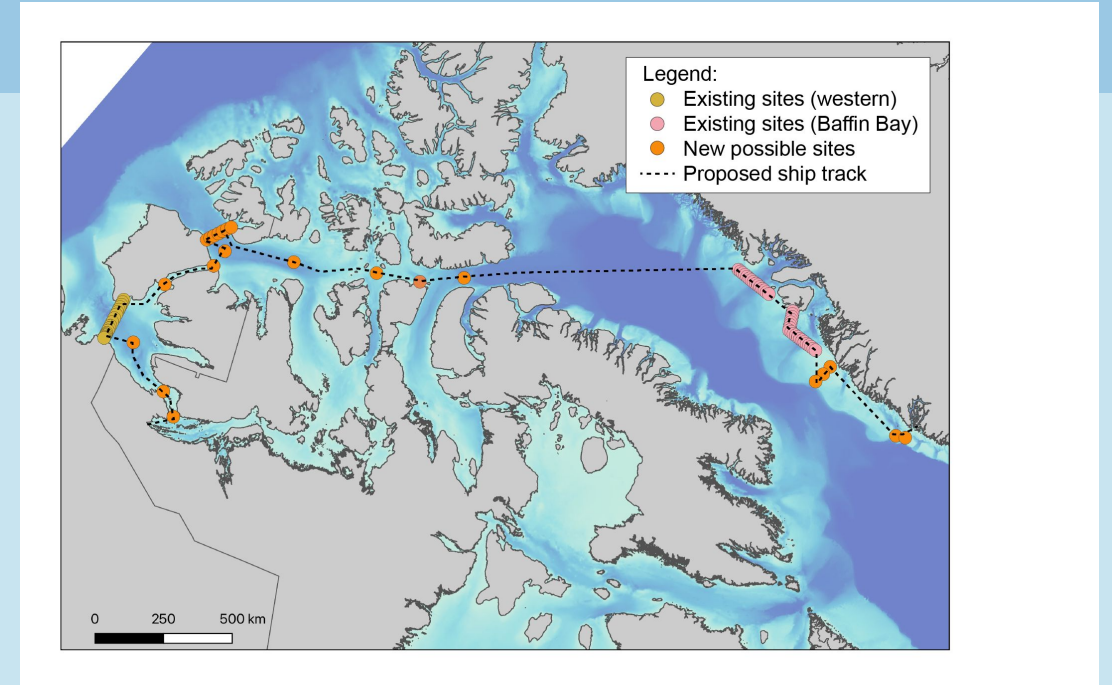
- Applications open Jan 22 – Feb 9th for July-August program
- 70 applicants representing diverse institutions
- 4 independent reviewers, guidance from NSF PMs on goals
- Applications evaluated based on readiness and eligibility to write “seagoing” Arctic NSF proposals, diversity of specialty, some level of prior seagoing experience
- Cohort of 20 early career researchers or “ECRs” (8 faculty, 6 postdocs, 2 research scientist, 1 NOAA fellow, 3 advanced graduate students)



2023 Cohort on Sikuliaq

# Schedule of activities

- Virtual, March – July: planning meetings,
  - Participants developing a cruise plan, safe and inclusive field science plans, organizing shipping to Healy
- July 29<sup>th</sup>-30<sup>th</sup>– pre-cruise workshop in Edmonton
  - Interpersonal dynamics and leadership
  - UNOLS resources
  - NSF support
- August 1-17 – NWP transit (on-board training, science operations)
- Post-cruise – follow-up survey; meetups at AGU





# At Sea Mentorship

- Leads: Emily Eidam and Laurie Juranek (OSU)
- Additional at sea mentors:
  - Jim Thomson, UW-APL
  - Lloyd Pikok (UIC Science/ Utqiagvik)
  - STARC personnel
  - MARSSAM personnel
  - CO Michele Schallip/ USCGC Healy
  - NSF PMs
  - Canadian CO TBD



# Cohort Development

## Activities designed to facilitate collaboration and networking

- Daily science meeting/research presentations from participants
- Research collaboration discussion





UNOLS/AICC Arctic Chief Scientist Training Cruise, 2024

Eligibility and Application Instructions **FAQs**

<https://blogs.oregonstate.edu/arcticcruise2024/>

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# 2024 UNOLS/AICC Chief Scientist Training Program

