

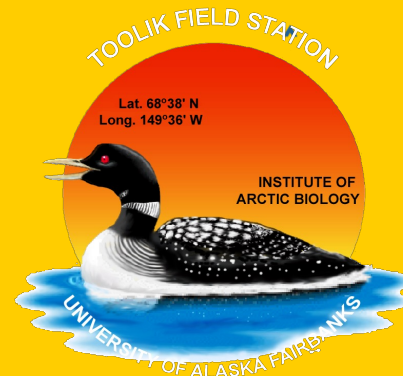


Toolik Field Station

Strategic Plan Update

January 16, 2025

Syndonia Bret-Harte



Inspiring an understanding of the Arctic from the ground up

OUR MISSION

Toolik Field Station promotes a greater understanding of the Arctic by safely, sustainably, and equitably fostering research & education in response to the needs of science & society.

VISION FOR 2028

We are a leading, year-round Arctic research, observation & education facility, providing insight to address local & global challenges of the rapidly changing Arctic.



STRATEGIC PRIORITIES

- I. Bolster our station's research capabilities & facilities**
- II. Formalize education support & spark new outreach efforts**
- III. Actively foster a safe, diverse, equitable & inclusive community**
- IV. Strengthen our financial diversity**

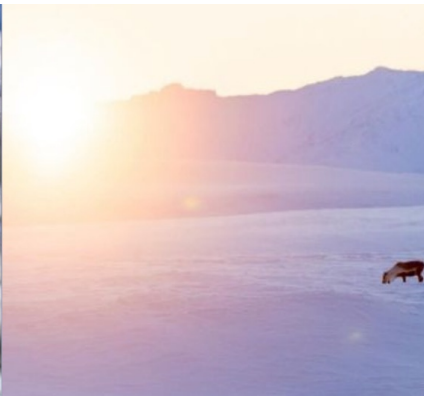
Goals for 2024

50th year celebration

New directions to an energy transition & education

Alignment with Arctic research priorities

Building relationships with Alaska Native communities



STRATEGIC PRIORITIES

I. Bolster our station's research capabilities & facilities

I. Make improvements to fill gaps in current science support needs

II. Add new infrastructure and services to expand capabilities

★ III. In alignment with emerging arctic research priorities, develop support in areas where science is advancing

II. Formalize education support & spark new outreach efforts

★ I. Expand educational support at TFS to help reach the missing millions

★ II. Develop new outreach programs, including facilitating collaborative relationships with Alaska native communities



STRATEGIC PRIORITIES

★ I. Actively foster a safe, diverse, equitable & inclusive community

- I. Promote recruitment for a more diverse community. Offer resources, trainings, events, & policies to support our current and future community
- II. Improve access to mental health support
- III. Track station demographics, cultural climate, and safety incidents to be accountable

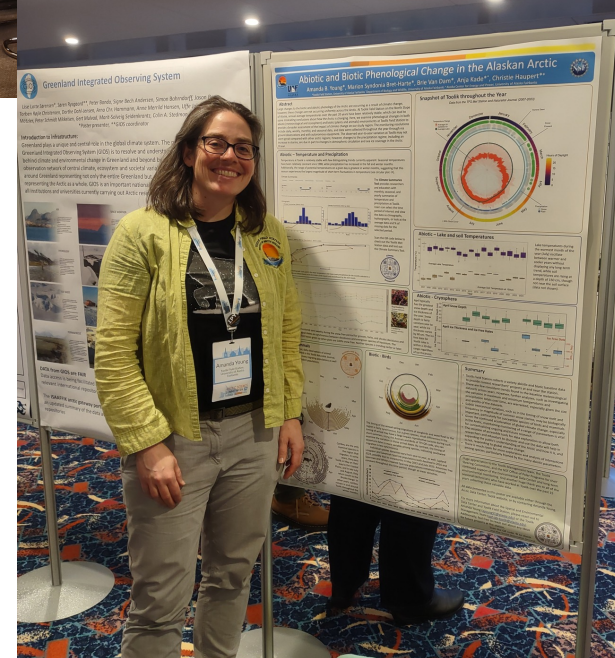
★ II. Strengthen our financial diversity

- I. Sustain existing private fundraising efforts to support TUNDRA award, artist-in-residency, and station improvements
- II. Fundraise for new initiatives in education and green energy transition
- III. 50th year celebration!



Highlights from Year 1

- I. In alignment with emerging arctic research priorities, develop support in areas where science is advancing
- I. We have engaged with ICARP IV to help develop recommendations for arctic science for the next 10 years
 - I. RPT 2 “Observing, Reconstructing, and Predicting Future Climate Dynamic and Ecosystem Responses” – Donie, Co-Chair
 - II. RPT 7 “Technology, Infrastructure, Logistics and Services” – Marin, Co-Chair
 - III. RPT 5 “Co-production and Indigenous-led Methodologies” – Amanda, Secretary

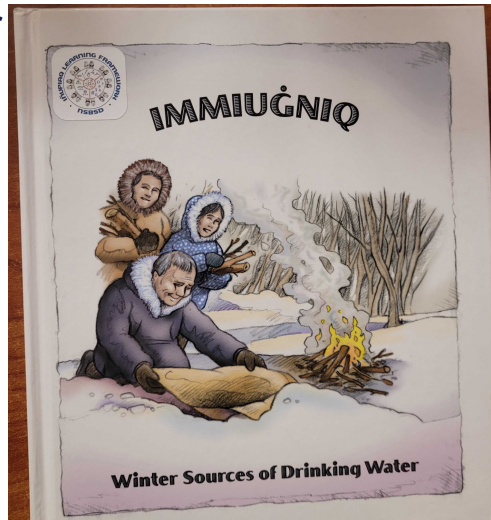


Highlights from Year 1

I. Develop new outreach programs, including facilitating collaborative relationships with Alaska native communities

I. Visits to Anaktuvuk Pass & School by Amanda, Ruby, Abby

- Snow Science Curriculum based on the Fresh Eyes on Ice, but for snow
- K-12 students, primarily 7-8th graders
- Home room teacher & Iñupiaq teacher



Highlights from Year 1

I. Improve access to mental health support

I. Wellness room, or the “Inlet Outlet”



- Effort led by TFS MEF to repurpose the EMT shack into a reservable, private space for telehealth appointments, phone calls, meditation, etc.
- Applauded by NSF OECR and SAHPR team during 2023 visit
- Special thanks to Scout Wise & Mandy Daulmiller
- Official opening this field season

Highlights from Year 1

I. Strengthen Financial Diversity

I. TUNDRA AWARD

- Rain Blankenship - Permafrost isotopes
- Cansu Culha - Modeling thermokarst features
- Jacqueline Gerson - Mercury & fire
- Austin Routt - Rock glaciers
- Past awardees continuing to do work at Toolik

Now Accepting applications for the 2025 award

II. Application to ONR to add solar power, with ACEP



UA Giving Day is March 26-28


Highlights from Year 1

- I. **Strengthen Financial Diversity**
 - I. Merchandise to support Artist-in-Residence Program, featuring their art!
 - I. Check out the commemorative poster and t-shirts 😊
- II. **50th Celebration – we are so glad that you are here!!!**



Next steps (Year 2)

- I. Continue working with ICARP IV to complete recommendations**
 - I. Present draft recommendations at ASSW 2025 in Boulder, CO**
 - II. Complete recommendations by October 2025**
- II. Continue to work on grant opportunities for green energy transition and infrastructure improvement**
- III. Continue to build bridges to Anaktuvuk Pass community**
- IV. Continue to fund-raise for TUNDRA Award and expand merchandise to support artist-in-residence program**

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- I. If you are interested in being involved with any of our strategic plan activities, please let us know!**
 - II. Everyone is welcome**
 - III. Thank you for your ideas and help!!**

