

University of Alaska Fairbanks – America’s Arctic University
Inspiring discovery. Inspiring greatness. Inspiring, naturally.

Deep History in Arctic Research and close ties to Arctic People

- \$145 million research engine as complex and diverse as the Arctic itself
- Arctic science facilities are among the world’s best and support physical, biological and social science research
- World leading Arctic research institution: largest number of Arctic-related publications and citations

Natural laboratory that reaches all the way around the circumpolar North

- A team from all over the world that shares the Alaska spirit of openness and ingenuity
- Policymakers and citizens apply tools and information translated from UAF research discoveries
- Engaged students gain skills and knowledge to become tomorrow’s leaders

UAF recognizes that its Troth Yeddha’ Campus is located on the traditional lands of the Dena people of the lower Tanana River



The University of Alaska Fairbanks is an AA/EEO employer and educational institution and prohibits illegal discrimination against any individual

Naturally Inspiring. **UAF** UNIVERSITY OF ALASKA FAIRBANKS

University of Alaska Fairbanks Mission

The University of Alaska Fairbanks is a Land, Sea, and Space Grant university and an international center for research, education, and the arts, emphasizing the circumpolar North and its diverse peoples. UAF integrates teaching, research, and public service as it educates students for active citizenship and prepares them for lifelong learning and careers.

University of Alaska Fairbanks core themes

- Educate:** Undergraduate and Graduate Students and Lifelong Learners
- Research:** To Create and Disseminate New Knowledge, Insight, Technology, Artistic and Scholarly Works
- Prepare:** Alaska's Career, Technical, and Professional Workforce
- Connect:** Alaska Native, Rural, and Urban Communities by Sharing Knowledge and Ways of Knowing
- Engage:** Alaskans through Outreach for Continuing Education and Community and Economic Development

University of Alaska Fairbanks key messages

- 1. We are Alaska's research university and America's arctic university.**

- UAF is a national and world leader in climate change and arctic research.
- UAF researchers are world-renowned in their fields, and the work they do is important and notable.
- UAF maintains many partnerships and collaborations throughout Alaska and the world that drive innovation and create meaningful discoveries.
- UAF's research helps sustain Alaska's economic growth and enhance Alaska communities.

2. We deliver a high-quality education at an affordable price.

- We are Alaska's only Land, Sea, and Space Grant university, offering everything from workforce development and vocational programs to master's degrees and PhDs.
- At UAF, students find a wide variety of academic programs to inspire them.
- An education at UAF provides a hands-on learning experience in the vast dynamic laboratory that is Alaska.
- Students at the Fairbanks campus have a traditional college experience, including a robust campus life, opportunities for research and creative work, small class sizes and accessible instructors.
- Community campuses and outreach and learning centers throughout Alaska provide enriching education and programs that reflect the cultural, social and economic values of the communities they serve.

3. We enrich the lives of Alaskans and engage our communities, state, nation and world through our teaching, research and service work.

- UAF is a catalyst for innovation and economic development for communities and the state.
- UAF is a good investment for our partners, donors and funding agencies.
- UAF is an asset to Alaska, the nation and the world, making our communities a better place to live.

4. Our location defines us and provides transformational experiences, from the personal to the global.

- The Alaska lifestyle is woven into the UAF experience.
- At UAF, our location offers the opportunity for global significance, just outside the front door.
- In work and play, we embrace our unique lifestyle and inspiring surroundings.
- Our arctic location defines our research.

5. We are a welcoming and supportive community.

- Your success matters to us. We will help you find what you need to succeed here, as a student or a professional.
- At UAF, everyone fits in: We are diverse, attracting people of all ages and backgrounds and from around the world.
- UAF alumni have great affinity and fondness for their university, and show it through their donations, volunteerism and support.
- UAF is a family. Once a Nanook, always a Nanook.

6. UAF continues to be strong despite our budget challenges.



This map highlights locations across Alaska and the U.S. Arctic of sites where UAF has daily activities and research projects. This extends from Shemya in the Southwest to Juneau in the Southeast over 3000 km [2000 miles] apart and up to Utqiagvik in the North, that is 750 km [approx. 500 miles] from the UAF main campus.

Image composite show examples of UAF research being performed within the U.S. Arctic, including the R/V Sikuliaq operated by the College of Fisheries and Ocean Sciences, the spaceborne data receiving station of the Alaska Satellite Facility, the unmanned aircraft operations from the Alaska Center for Unmanned Aircraft Systems Integration and other research.

Point Lay image insert comes from video as part of NNA project,
<https://www.geobotany.uaf.edu/nna/>

Fairbanks image insert shows view of the UAF main campus, with more information available at <https://www.uaf.edu/campusmap/for-visitors/buildings/>

UAF – Opportunities to collaborate and connect

Interdisciplinary research through deep disciplinarians

- Integrating research and education for students to gain skills and knowledge to become tomorrow's leaders
- Highly collaborative; building together through partnerships
- Engagement: Active member of UArctic since inception

High Impact Research

- 26 NSF NNA projects with a UAF researcher as Principal Investigator equaling \$24M funding
- Representatives from Engineering, Arctic Science, Snow/Ice/Permafrost, Chemistry/Biochemistry, Geobotany, Arctic Biology, Economics, Fisheries and Ocean Sciences
- Partners include scientific, academic, government and indigenous organizations and agencies

Invitation to partner with UAF

- We know the Arctic and can help make your work better through our expertise
- UAF research encompasses the human and physical aspects of life in the North
- Research that benefits students, innovators and, ultimately, society




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[UAF Research](https://www.uaf.edu/research/) - <https://www.uaf.edu/research/>

[Research Facilities](https://www.uaf.edu/research/research-entities/index.php) - <https://www.uaf.edu/research/research-entities/index.php>

[Research Laboratories](https://www.uaf.edu/research/research-entities/labs.php) - <https://www.uaf.edu/research/research-entities/labs.php>

[Find an Expert](https://news.uaf.edu/expertsguide/) - <https://news.uaf.edu/expertsguide/>

Learn more about the complex and innovative research at UAF:

https://uaf.edu/research/files/publications/Arctic_research_publication_2020_web.pdf

Highlights of some of UAF's larger laboratories: <https://tinyurl.com/y47wgkpw>