

Chinmay Shah

Ph.D. Engineering: Electrical Engineering

B.T., Nirma University, 2012; M.S., University of Houston, 2017.

Thesis: Optimization and Forecasting Algorithms for Converter Dominated Distribution Networks using Blockchain and AI

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Major professor: Dr. Richard Wies Jr.

Eva Stephani **

Ph.D. Permafrost Geosystems: Interdisciplinary Studies

B.E., Laval University, 2009; M.S., University of Alaska Fairbanks, 2013.

Thesis: Understanding Permafrost Dynamics and Geohazards with a Terrain-Cryofacies Approach

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Major professors: Dr. Yuri Shur and Dr. Guy Dore

Molly Elizabeth Tedesche *

Ph.D. Hydrology: Interdisciplinary Studies

B.S., Rochester Institute of Technology, 2004; M.S., Colorado State University, 2010.

Thesis: Brooks Range Perennial Snow felds: Mapping and Modeling Chanj B

* Summer degree recipient

** Fall degree recipient

College of Fisheries and Ocean Sciences

Dr. S. Bradley Moran, Dean

Patrick Dylan Barry *

Ph.D. Fisheries

B.A., Carleton College, 2005; M.S., University of Alaska Fairbanks, 2010.

Thesis: Spatio-temporal Genetic Structure, Effective Population Size and Parentage Simulations from Contemporary Genetic Samples and Historic Demographic Data From Sockeye Salmon (*Oncorhynchus nerka*) in Auke Lake, Alaska

Journal of Great Lakes Research

Volume 38, Issue 1, February 2012, Pages 1-10

Jason Christopher Leppi *

Ph.D. Fisheries

B.S., Montana State University, 2005; M.S., University of Montana, 2010.

**Thesis: Broad White fsh (*Coregonus nasus*) Ecology and Habitat Use in Arctic
Alaska: Spawning Habitat Suitability, Isotopic Niches, Life-History
Variations, and Climate Change Risks to Subsistence Fisheries**

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* Summer degree recipient
** Fall degree recipient

College of Liberal Arts

Dr. Ellen D. S. Lopez, Dean

Christopher Michael Cannon **

Ph.D. Anthropology

B.S., University of Alaska Fairbanks, 2007; M.A., University of Alaska Fairbanks, 2014.

College of Natural Science and Mathematics

Dr. Kinchel C. Doerner, Dean

Gazi Mahmud Alam

Ph.D. Mathematics

B.S., Shahjalal University of Science and Technology, 1998; M.S., Shahjalal University of Science and Technology 1999; M.S., Stockholm University, 2013.

Thesis: Control Problems for the Wave and Telegrapher's Equations on Metric Graphs

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Major professor: Dr. Sergei Avdonin

Janelle Jean Badger *

Ph.D. Biological Sciences: Wildlife Biology and Conservation

B.S., Washington State University, 2015; M.S., University of Alaska Fairbanks, 2020.

Thesis: Drivers of Life History Variation in a Long-Lived, Marine Predator: Individual Heterogeneity in Reproductive Performance of Grey Seals (*Halichoerus grypus*)

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Major professor: Dr. Greg Breed

Matthew S. Balazs **

Ph.D. Geology

B.A., University of Alaska Fairbanks, 2010; B.S., University of Alaska Fairbanks, 2010.

Thesis: Novel Applications of Remote Sensing and GIS in Mass Wasting Hazard Assessments for Two Fjords of South-Central Alaska

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Major professors: Dr. Anupma Prakash and Dr. Gabriel Wolken

* Summer degree recipient

** Fall degree recipient

Aline Louise Collin **

Ph.D. Biochemistry and Molecular Biology

A.A., Mineral Area College, 2009; B.S., Missouri University of Science and Technology, 2011.

Thesis: 3T3-L1 Adipocytes as a Model of Glut4 Translocation

Elizabeth Fleur Nicklen

Ph.D. Biological Sciences

B.A., Rutgers, The State University of New Jersey, 2002; M.S., University of Alaska Fairbanks, 2006.

Thesis: Seeing the Forest Through the Trees: How Site Conditions Mediate Black and White Spruce Responses to Climate in Interior Alaska

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Major professor: Dr. Roger Ruess

Matthew Christopher Rogers *

Ph.D. Biological Sciences

B.S., University of Michigan, 2000; M.S., University of Alaska Anchorage, 2008.

Thesis: Applications of Stable Isotope Analysis to Advancing the

Understanding of Brown Bear Dietary Ecology.

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Major professors: Dr. Brian Barnes and Dr. Jeffrey Welker

* Summer degree recipient

** Fall degree recipient

College of Rural and Community Development

Mr. Bryan Uher, Dean

Margaret Susan Draskovich Mete **

Ph.D. Indigenous Studies

B.S., St. Francis School of Nursing, 1977; M.P.H., University of South Florida, 1994; M.S., University of Alaska Anchorage, 1999.

Thesis: Celebrating Alutiiq Cultural Revitalization: Pathways to Holistic Individual Health and Community Wellness

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