

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

S qd pda ej _ra] oej c ej pacn] pjk kbraj as] ^ha aj arcu mokqn_ao SNAO%ej l ks an
cre` of okl deope_] pa`] hcknqdi o] ra j aa` a` pk kl pa` eva` eol] p_d brki pdaoa
raokqn_ao* Pdeo `eoan] pjk l raoaj po] ^hk_g_d] ej ^] oa`] n_dqpa_pqra bkn_k)
kl pa` ev] pjk kbaj arcu` eol] p_d] j ` o_da` qhtj c raocarr ao pk ra` q_a pda ei]] _p
kbNAOqj _araj ej pu] j ` aj d] j _a pda l ks an` eopre^qpkj j aps kng at e`dtpu*

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

Pdeo oqj` u _kj pre^qpaok] ` r] j _ej c kqnqj ` araj] ` ej c kbl ari] brkop
`uj] i_e_o ej r] nu ej c aj rerkj i aj po qo ej c] l l rk] _dao pd] pra_kcj eva h] g] cao
^aps aaj pan] ej] j ` oq^oqr] _a _kj ` qpkj o* Pda i] ej j ` ej co ej _tj ` a`
e aj pabu ej c l rkl arpaok kb] hgo] j ` _nukl aco rah] pa` pk ` al] e _d] j j ah
i cen] pjkj (] j ` pda ` arakl i aj p_u_ha kb]] s otqi l o ej qej pa` ^u ej pan] _pkj o
s qd ej bn] opra_pqra*

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 Snowfelds: Mapping and Modeling Chanj B

* Summer degree recipient

** Fall degree recipient

Jason Christopher Leppi *

Ph.D. Fisheries

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

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

Ph.D. recipient of the Ph.D. degree in Fisheries, University of Montana, 2010. M.S. recipient of the M.S. degree in Fisheries, University of Montana, 2010. B.S. recipient of the B.S. degree in Fisheries, Montana State University, 2005.

* 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

Pda`eoarp]pkj bk_qoao kj _kj prkhl rk^hai o bkn s]ra]j` palacr]l dan o anq]pkj o kj nu]j ppi cni]l do* J qi are_]h] hckrpd i o]ra` arakl a` pk oktra pda _kj prkhl rk^hai o bkn pda s]ra anq]pkj *Pda j a_aoo]nu]j` oq _ej p _kj` epkj o kb pda at]_p_kj prkhl^d epu bkn pda palacr]l dan o anq]pkj]ra l rkl kca` (]j` pda i ej d]h_kj prkhp i a eoj`e_]pa`*

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*)

@uj]i e_o kb ral rk` q_pra daparkaj aqu s ara at l hkra` ej crau oaj ho \$Halichoerus grypus%^raa` ej c kj O] ^ha Eoh]j` (J kr] O_kp] *Naoo]p o ej`e_]pa p] p]p ej` e`e`q] hr] n] pkj eo]i]ej` n`ran ej hda deokrnoo p] p]p]an]_po s epd a_kkce_]h_kj` epkj o]j` i]u opai brki aj rhu hda _d]n]_p`rope_o (oda``ej c j as h`cdpkj_a_k) arkltpkj]nu l rk_aooao ej lkj c) h`ra`]j d]ho`

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

Pdeo raoo]n_d qoao rai kpa oaj oej c pa_dj enqao pk`e aj pdu]j` i]l i]oo s]op] c d]v]n`o ej Qas]n`]j` S deppan (=h og] *I]l] ej c a krp]ra d l rkra` ^u_ral]p]c] /@ H]j`_o_]a]j` r`as ej c ep]]j` d i aoo`ra r`ep] hna] hpu aj r`ekj i aj p` Oa`e` aj p]pkj ej _npe_]h ej bn] opq_p]ra eo_]h q]h]pa` pdrkqcd p i aoo]o]j]huao qo]c i q]h] ha alar]pkj i k`aho`

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

Qoqj c praanaj ci a]oqrai aj pbrki s dpa lj ` ^h_g ol nq_a ej fj pnrkn=H og] (pda oqj `u nq]j pe a` dks hk_]hr]nq]pkj ej oqpa lj ` oq]j ` _kj ` epkj o bkn_a ` `erancj c crks pd naol kj cao pk oa` d]n_hi]pa _kj ` epkj o(l rkr'e ej c ej oedp ej pk dks pdaoa ol a_ao l rk` q_p`epu i]u l H u kqps epd kj ckj c _hi]pa _d]j cao]_rko] daparkcaj akqo H]j ` o_]l a*

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.

>rks j ^a]n` ep] nu a_klkcu s]o ej raopæ]pa` qoqj c oq] ^ha epkpl a]j]huoepk ej banoa]okj]h` ep] nu l] pparj o kbj `ere q]h^a]no ej ra =H og] a_kouqpai o* I kop^a]no `eol hu ` ep] nu l] pparj o pd]pl anooep pdrkqcd pa a(l]j ` pdau l kparj p]hu i]ej p]ej bkn]cej c l] pparj o araj s daj maokqna]r] d] ^epu _d]j cao `qa pk j] pqr]h q_p]pkj o(` epqr^]j _a kn_hi]pa _d]j ca*

Major professors: Dr. Brian Barnes and Dr. Jef rey 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

Pda l rki k p k j k b ^] h j _ a ^ d k l e o p e _ d a] l p d ^ u] ` ` r a o o j c r k k p _] q o a o (] _ _ a o a ^
p d r k q c d _ k i i q j e _] p k j s e p d p d a j] p q n] h] j ` o l e p p q] h r a] h i o r a n o q o
i a r a h u p r a] p j c l d u o e _] h i] j d a o p] p k j o (s] o a t l h k r a ^ * P d a] _ p r a _ q] p q n] h