



CONGRATULATIONS!

UA PRESIDENT MA

TABLE OF CONTENTS

Order of Events	4 – 5
Academic Degree Abbreviations	6
Honors Recognition.....	7
Certificates, Associate, Baccalaureate and Master's Degrees	8
College of Engineering and Mines.....	8
Baccalaureate Degrees	8
Master's Degrees.....	10
College of Liberal Arts	13
.....	4



UNIVERSITY OF ALASKA FAIRBANKS

COMMENCEMENT EXERCISES: MAY 16, 2010


JOE ALLOWAY (CLASS OF 2007 & 2008) WILL READ GRADUATES'

NAMES AS THEY CROSS THE STAGE

CONFERRING OF
HONORARY DEGREES

Erik Drygas,      ;
President Hamilton; Chancellor Rogers; Provost Henrichs

ALUMNI ASSOCIATION
PRESIDENT

Randy Pitney, 

ALASKA FLAG SONG

Dean Shannon,  & 

RECESSIONAL

ENSEMBLE 64.8 (UAF PERCUSSION GROUP)
Director: Morris Palter



























EXITING
INFORMATION

Audience members are kindly requested to remain in their seats until the graduates have completed the recessional. Those seated on the second and third levels may exit the building through the second-floor doors.





ALUMNI RECEPTION

Please join us for a reception in the Arthur Buswell Pioneer Room immediately following the ceremony, sponsored by the Fairbanks chapter of the UAF Alumni Association.

STANDARD FLAG BEARERS
FOR THE COLLEGES
AND SCHOOLS

Stephanie Young, College of Engineering
and Mines     
Brianna Baurick, College of Liberal Arts....,   
Trang Tran, College of Natural Science
and Mathematics
Emily Chagluak, College of Rural and
Community Development    
Shery Hart, School of Education    
Anna Deveraux, School of Fisheries
and Ocean Sciences    
Anne Vance, School of Management    
James Ward, School of Natural Resources
and Agricultural Sciences  

UNIVERSITY OF
ALASKA BOARD
OF REGENTS

Cynthia Henry,  Fairbanks
Timothy C. Brady,  Anchorage
Fuller Cowell,  Anchorage
Carl Marrs,  Anchorage
Ashton Compton, Fairbanks Patricia Jacobson, Kodiak
Erik Drygas, Fairbanks Robert Martin, Juneau
Kenneth J. Fisher, Juneau Kirk Wickersham, Anchorage
Mary K. Hughes, Anchorage

ASSISTANCE FOR THE
HEARING IMPAIRED



PHOTOGRAPHY

Photography will be provided by Jolesch Photography,
www.jolesch.com, 800-565-3724.

ACADEMIC DEGREE
ABBREVIATIONS

A.A.

Craig Arlin Wright

, B.S., Petroleum Engineering.

MASTER’S DEGREES

Gwendolyn Rae Bryson *

M.S., Electrical Engineering. . . ,
(), 00

Tonya Renee Burritt *

M.S., Arctic Engineering. . . ,
, 000

Xuanwu Chen

M.S., Civil Engineering.
(), 00

Temple Davidson **

M.S., Petroleum Engineering. . . ,
(), 1

Shaoqing Ge

M.S., Civil Engineering. . . ,
(), 00 . . . ,
(), 00

David Giessel *

M.S., Electrical Engineering. . . ,
, 00

Heather Havel

M.S., Science Management. . . ,
, 00

Andrew Carl Johnson *

M.S., Petroleum Engineering.
(), 00

Collin Anthony Macheel

M.S., Engineering Geohydrology:
Interdisciplinary Program. . . ,
(), 00

Erin McDonald

M.S., Environmental Engineer vMl

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Jeffrey J. Enters **

B.A., Justice

Jennefer Lynn Ernst

B.A., English

Emma Eshleman **

B.A., English

Madison A. Evans *

, B.A., Anthropology.

Sarah Eyridge

B.A., History

Sara Ewers

B.S., Anthropology

Ashley Ferenc **

B.A., Sociology.

Alexis Fernandez *

B.A., Journalism: Broadcast Journalism; Foreign

Languages: Single Language: Spanish

Chelsea D. File **

, B.A., Linguistics

Mallory J. Fisher

B.S., Anthropology

Olivia Gene Foote **

B.A., Psychology

Troy F. Franklin *

B.A., Art

Charles Ray Frost

B.A., English

Oscar N. Garcia Gomez **

B.A., Psychology

Kaycie M. Gebhardt

, B.A., Psychology

Elisabeth Anne Gebhart **

B.A., Foreign Languages: Single Language:

Alyssa Smith **

B.A., Foreign Languages: Single Language:
French

Lori A. Smith

B.A., Social Work.

Tonia Marie Smith

B.S., Psychology

James R. Smith II *

B.A., Justice

June Smith-Logusak **

B.A., Alaska in the Western World:
Interdisciplinary Program

Caleb W. Souder

B.A., Psychology

Katherine Crary Sousa **

, B.A., Theatre: Performance

Tiffany Stappler

B.A., Art

Nathan J. Staton **

B.A., Justice

Kelly K. Steele

B.A., Justice

Heidi Lynn Steinberg

B.A., Language Communications:
Interdisciplinary Program.

Elizabeth Abigail Steiner *

B.A., Foreign Languages: Single Language:
Spanish.

Rosalie Stockwell-White

B.A., Social Work

Rosalie Stockwell-White

B.A., Communication

Melissa Hope Stoner

B.A., Justice

Raymond Alan Strength *

B.A., Psychology

Donald A. Thames *

, B.T., Aviation Management:
Interdisciplinary Program.

Carolyn Tharp

B.A., Psychology

Ivory W. Thomas

B.A., Journalism: Public Relations-Advertising

Ryan T. Tilbury

B.A., Foreign Languages: Single Language:
Spanish

Alida Trainor

, B.A., Political Science.

Adrian Triebel **

B.A., Political Science; Foreign Languages: Two
Languages.

Melodee A. Turk **

B.A., Social Work

Karla Urias *

B.A., Music.

Elizabeth Chepoda Usibelli

B.A., Communication

Brandon W. Uzzell *

B.A., Psychology.

Amy Vredenburgh

B.A., Psychology

Donald Matthew Wadsworth

B.A., History

Sarah Wagner

B.A., Psychology

Leonard Ward

B.F.A., Art: Painting

Deidra Shaunta Ware

B.A., Social Work

Heather A. Warren

B.A., English

Anton Gregory Weissenberg

B.A., History.

Margaret Westlock-Harpak *

B.A., Social Work

Roshawnda B. White

B.A., Social Work

Jesse Ian Whitt

B.A., Psychology

Logan Thomas Wicken *

B.A., Justice

Erin E. Widby

B.A., Journalism: Photojournalism

Krista Williams

, B.A., Social Work.

Amy Cathleen Wolff **

B.M., Music: Performance.

Jing Xiao

B.A., Sociology.

Casey Gabriel Yordy

B.A., English; Psychology

Gordon Zhang *

B.S., Psychology

Samantha Marie Zinsli **

, B.A., Justice

MASTER'S DEGREES

Anna M. Angiak Bond

M.A., Applied Linguistics. . . . ,
, I

Sarah A. Bass

M.A., Applied Linguistics.

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*
**

William Connor

B.S., Wildlife Biology

Tamsen Coursey

B.S., Computer Science

Karen Courtney **

B.S., Mathematics

John Curran

B.S., Mathematics.

Mary Christina Curry

B.S., Chemistry: Biochemistry/Molecular Biology

Antoinette Naazu DeWilde

B.S., Biological Sciences

Rob Dinneford **

B.A., Biological Sciences

Vanessa N. Dominguez

B.S., Biological Sciences

Christopher Daniel Ebner

B.A., Biological Sciences

Joseph Scott Fanslau **

B.S., Geology

Elizabeth Papal Felker **

B.S., Biological Sciences

Angelica L. Floyd

B.S., Geology

John Fremont **

, B.A., Biological Sciences

Gretchen A. Garcia

B.S., Biological Sciences.

Monte Daniel Garrouette **

B.S., Biological Sciences

Lyman B. Gillispie *

B.S., Mathematics

Russell Gillmore

B.S., Computer Science

Kimberly Nortina Giroux

B.S., Biological Sciences

Teresa C. Grimes

B.A., Biological Sciences.

Barbara Yvonne Boyle Hannah *

B.S., Biological Sciences

Iris Hartshorn

, B.S., Biological Sciences.

Ashley Nicole Hinton **

B.A., Earth Science

Chloë Susanne Howe-Allen

B.S., Nutrition and Community Wellness:
Interdisciplinary Program.

Sarah Annesley Huguet

B.S., Biological Sciences

Eric Hurtado

B.A., Biological Sciences

Brita K. Irving

, B.S., Physics.

Kimberly D. Iverson

B.S., Biological Sciences

Keaton Alyssa Judkins *

, B.A., Biological Sciences.

David R. Keller *

B.S., Mathematics

Adam Glenn Prax

, B.S., Computer Science.

COLLEGE OF RURAL AND

CERTIFICATES

Margaret Active

, CERT, Rural Human Services

Ursula M. Akaran

, CERT, Rural Human Services

Royleen Alexia

- Reimbursement, CERT, Health Care

Crystal E. Alstrom

, CERT, Drafting

Technology

Michael Andreassen *

, CERT, Powerplant

Matrona M. Andrew

- Services, CERT, Rural Human

Kay M. Andrews **

, CERT, Health Care

Reimbursement

Julianna M. Anelon

, CERT, Community Health

Gabrielle Antesberger

, CERT, Medical Assistant

Andrew Beaver

, CERT, Rural Human Services

Michael Brennan Bell **

, CERT, Applied Business
Management: Public Management.

Jon Bergeson *

, CERT, Drafting

Technology

Sally K. Billy

, CERT, Rural Human Services

Ryan Bowers *

, CERT, Drafting

Technology

Diana Carlson

, CERT, Rural Human

Services

Tina Carr

, CERT, Environmental Studies

Amber D. Champagne

, CERT, Applied Business
Management: Computer Applications

Kailing Chang *

, CERT, Drafting

Technology

Alexandra Chartier

, CERT, Rural Human

Services

Isaac W. Chatham **

, CERT, Airframe and
Powerplant

Twila M. Chayalkun

, CERT, Community Health

James Scott Chivers

, CERT, Automotive

Technology

Andrew Clavette

- Services, CERT, Rural Human

Jennifer Cravens **

, CERT, Medical Assistant

Suyene Dallman

, CERT, Accounting

Technician.

Doris T. Daniel

, CERT, Rural Human Services

Heather Daniels

, CERT, Rural Human

Services

Mona K. David

, CERT, Rural Human Services

Willie N. David *

, CERT, Early Childhood

Education

Cherilyn Demientieff

, CERT, Rural Human Services

Morgan C. Demoski

, CERT, Construction

Trades Technology

Kevin L. Dorsey **

, CERT, Construction

Trades Technology

Karen L. Ebanez **

, CERT, Medical/Dental

Reception

Karen L. Ebanez **

, CERT, Medical Assistant

Kendra Stormy Payne Eguia

, CERT, Community

Health

Dayne Ellanna *

, CERT, Instrumentation

Technology

Gwel Emel

, CERT, Rural Human

Services

Shawn D. Erhart

, CERT, Construction

Trades Technology

*

**

Marion L. Esmailka
- , CERT, Community Health

Darrel A. Felix
- , CERT, Construction
Trades Technology

Edna K. Flynn
- , CERT, Rural Human Services

Adam E.G. Fogelman
- , CERT, Automotive
Technology

April D. Folger
- , CERT, Construction
Trades Technology

Leonard D. Folger
- , CERT, Construction
Trades Technology

Cameron Foster
- , CERT, Rural Human
Services

Hui Ping Foster *
- , CERT, Drafting
Technology

Galen A. Frank **
- , CERT, Construction
Trades Technology

Shawnee M. Frank **
- , CERT, Construction
Trades Technology

Steven Frank
- , CERT, Rural Human
Services

Jennifer L. Frink **
- , CERT, Dental Assistant

Lincoln Gable **
- , CERT, Airframe and
Powerplant

Thomas Gardiner
- , CERT, Rural Human
Services

Loretta Garfield
- , CERT, Community Health

Gary E. Gene **
- , CERT, Construction
Trades Technology

Barbara Leanne George
- , CERT, Construction
Trades Technology

Helen George *
- , CERT, Community Health

Coby Austin Gibson
- , CERT, Automotive
Technology

Audre Gifford
- , CERT, Rural Human
Services

Tonia Goodlataw
- , CERT, Rural Human
Services

Daniel L. Gransbury **
- , CERT, Construction
Trades Technology

Elizabeth A. Greybear
- , CERT, Construction
Trades Technology

Carol Leslie Haas **
- , CERT, Medical Assistant.

Carol Leslie Haas **
- , CERT, Health Care
Reimbursement.

Marita J. Hanson
- , CERT, Rural Human Services

Katie C. Hardesty-Wilson
- , CERT, Accounting
Technician

Eirik Henry *
- , CERT, Diesel/Heavy
Equipment

Jennifer Michelle Henry
- , CERT, Community Health

Fannie Hernandez
- , CERT, Rural Human
Services.

Bridger D. Herrmann **
- , CERT, Airframe and
Powerplant

Lauren Hickey
- , CERT, Applied Business
Management: General Business

Jamie L. Hinz
- , CERT, Rural Human Services

Ashley Lyn Holan
- , CERT, Applied Business
Management: Marketing

Eva C. Hollinrake **
- , CERT, Medical/Dental
Reception.

Eva C. Hollinrake **
- , CERT, Medical Assistant.

Ashley Holloway
- , CERT, Applied Business
Management: General Business

Donald Honea Jr.
- , CERT, Rural Human
Services

Justin A. Hooper
- , CERT, Rural Human Services

Lenora C. Hootch
- , CERT, Rural Human Services

JoAnn M. Horn
- , CERT, Rural Human Services

Abby Hosette **
- , CERT, Dental Assistant

Marlys House **
- , CERT, Veterinary
Science.

Tyler T. Hyslop
- , CERT, Construction
Trades Technology

Barbara J. Jasso
- , CERT, Medical Assistant

Johnny Roberts *
 -
 Trades Technology , CERT, Construction

Jana Emily Sam
 -
 Health , CERT, Community

Kathleen M. Sam
 -
 Services , CERT, Rural Human

Teddy Sanford
 -
 Services , CERT, Rural Human

Shannon Scheff **
 , CERT, Medical Assistant

Shannon Scheff **
 , CERT, Medical/Dental

Reception

Jakob Schieber
 , CERT, Automotive

Technology

Anthony Seeganna
 -
 Services , CERT, Rural Human

Katrina M. Sharp
 , CERT, Medical Assistant.

Lorena G. Sims
 , CERT, Applied Business
 Management: Computer Applications; Office
 Administration

Farra Smith
 , CERT, Applied Business
 Management: Human Resources

Frederick D. Smith
 -
 Trades Technology , CERT, Construction

Matthew L. Smith
 , CERT, Automotive

Technology

Travis Sommer
 , CERT, Instrumentation

Technology

Nathan J. Staton **
 , CERT, Safety, Health and
 Environmental Awareness Technology

Anna Kathlene Stefan
 , CERT, Medical/Dental

Reception

Anna Kathlene Stefan
 , CERT, Medical Assistant

Francis Stickman
 -
 Trades Technology , CERT, Construction

Frederick A. Stickman
 -
 Trades Technology , CERT, Construction

Ronald Stickman Jr. **
 -
 Trades Technology , CERT, Construction

Walter James Stickman II
 -
 Trades Technology , CERT, Construction

Kyle D. Sumpter *
 , CERT, Power Generation.

Michael E. Talbert **
 , CERT, Airframe and
 Powerplant

Henriette M. Teeluk
 , CERT, Rural Human Services

Emily B. Terhune *
 , CERT, Accounting
 Technician

Tiffany Terry
 , CERT, Culinary Arts:
 Baking

Ephenia Thomas
 , CERT, Rural Human Services

Monica Thomas **
 , CERT, Health Care
 Reimbursement

Tamara Thomas **
 , CERT, Health Care
 Reimbursement

Mildred R. Tom

Bradley Weintraub

Technology , CERT, Drafting

Tess Ellen Welch

Reimbursement , CERT, Health Care

Gina Maria Williams **

, CERT, Medical Assistant

Gina Maria Williams **

Reception , CERT, Medical/Dental

Janelle Mary Williams

Technician , CERT, Accounting

Harold A. Woods **

Technician , CERT, Accounting

Shane Yoder **

Technology , CERT, Automotive

Marianne Young

- , CERT, Health Care

Reimbursement

Sara Young **

, CERT, Medical Assistant

Samuel Joshua Youngblood *

Technology , CERT, Drafting

Vincent Patrick Zamora **

Technology , CERT, Drafting

Joseph Zrucky

Technology , CERT, Automotive

ASSOCIATE DEGREES

Derek Neal Abrams

, A.A.S., Industrial Health and Safety: Interdisciplinary Program

Ebony L. Adams

, A.A.

Lacy Ahumada **

, A.A.S., Paralegal Studies

Rochelle Aitken

, A.A.S., Dental Assistant

Pansy B. Alakayak *

, A.A.S.,

Community Health.

Robert Alcorta

, A.A.S., Process

Technology

Laurie Scharell Anderson

, A.A.

David Leon Cing Andrew

, A.A.S., Information

Technology Specialist

Tiffany L. Andrew

, A.A.

Pauline U. Askoak

, A.A.

Emily Christine Atchison *

, A.A.

Renee Avugiak

, A.A.

Virginia Baim

, A.A.

Janet Gay Baker *

, A.A.S., Early Childhood Education

Samantha Ann Baker

, A.A.S., Process

Technology

Craig L. Baldwin *

, A.A.S., Applied

Accounting

Jungmin Ballard **

, A.A.S., Applied Business:

Management

Cynthia S. Barker **

, A.A.

Danielle DeeAnn Barnett

, A.A.S., Applied Business:

Management

Samuel E. Barney *

, A.A.S., Human

Services: Addictions Counseling.

Daisy May Barrera

, A.A.S., Human Services:

Addictions Counseling

Cindra Jean Barrett

, A.A.S., Applied Business:

Computer Applications

Steven Baskin

, A.A.S., Construction

Management.

Tallan H. Baumfalk

, A.A.S., Emergency

Services: Emergency Medical Services

Matilda Carol Jean Bee

, A.A.S., Human

Services: Addictions Counseling.

Michael Brennan Bell **

, A.A.S., Applied Business:

Public Management.

Denise Benavides

, A.A.S., Early Childhood

Education

Barbara Jane Blake

, A.A.S., Tribal

Management.

Doreen D. Borkowski

, A.A.S., Human Services:

Addictions Counseling

Amy Borneo **

, A.A.S., Applied

Accounting

Mary A. Brink

, A.A.S., Early Childhood

Education

*

**

Celena Brown

, A.A.

Nathaniel S. Brown **

Kinka Parker **

, A.A.

Charles A. Paskvan **

Process Technology

, A.A.S.,

Heather Patterson

Management

, A.A.S., Construction

Edward S. Paxson

Technology

, A.A.S., Process

Kias Peter Jr. *

Technology

, A.A.S., Process

Barbara Phillip

Education

, A.A.S., Early Childhood

Kari Willow Pile

Management

, A.A.S., Construction

Melisssha A. Prine *

, A.A.

Frank J. Rambosek **

Construction Management

, A.A.S.,

Michael Reeves

Technology

, A.A.S., Process

Maryellen E. Robinson

A.A.S., Human Services: Addictions Counseling

Amber Monique Ross

, A.A.S., Medical Assistant

Kimi L. Ross

, A.S.

Melonie Ann Ross **

, A.A.S., Paralegal Studies

Wayne Royce

Technology Specialist

, A.A.S., Information

Jerome S. Rush *

, A.A.

Minerva Ryan

, A.A.

Jonathan Samuelson

Management

, A.A.S., Tribal

Michael Niels Sarkesian

, A.A.

Heather Jolynn Savo

Finance

, A.A.S., Applied Business:

Misty Daye Savo

, A.A.

Shannon Scheff **

Medical Assistant

, A.A.S.,

Ben Schultz *

, A.A.S., Emergency

Services: Emergency Medical Services

Jacob Sedlacek **

, A.A.S., Emergency

Services: Emergency Medical Services

Erik James Setterberg

, A.A.S., Human Services:

Addictions Counseling

Brenda Diane Shilanski

Paralegal Studies

, A.A.S.,

Catelyn Shrader-Neason

, A.A.

Charles W. Slater

, A.A.S., Information

Technology Specialist: Computer Technology Support

Grace Smith

, A.A.S., Human

Services: Addictions Counseling

Andrea Solis *

, A.A.S., Dental Assistant

Gerard J. Sprankle

, A.A.S., Process

Technology

Zazell Lee Staheli **

, A.S.

Nathan J. Staton **

, A.A.S., Process

Technology

Brandon Michael Stauner

, A.A.S., Applied Business:

Entrepreneurship

Anna Kathlene Stefan

Medical Assistant

, A.A.S.,

Heather Stossmeister *

, A.A.

Griffin T. Swick

Process Technology

, A.A.S.,

*

**

Tyler Jon Toth Jr.

, A.A.S., Information
Technology Specialist

Shammienike Tuck

, A.A.S., Information
Technology Specialist

J.R. Tuel

, A.A.S., Applied Business:
Computer Applications

Kelly Van Dorp

, A.A.S., Applied
Business: Finance; Human Resources.

Matthew Van Veldhuizen

, A.A.S., Information
Technology Specialist: Computer Technology
Support

Vide VanVelzor

, A.A.S.,

James Michael Tapp II
CERT, Secondary Licensure Program

Tumi Traustason
CERT, Secondary Licensure Program



SCHOOL OF MANAGEMENT





Yu Zhang **

Ph.D. Engineering, Civil Engineering

Thesis: Impact of Freeze-Thaw on Liquefaction Potential and Dynamic Properties of Mabel Creek Silt

Liquefaction potential and post-cyclic loading settlement were investigated for a fine-grained soil that caused significant geotechnical hazards during the November 2002 Alaska earthquake. Cyclic triaxial testing results show that near-freezing temperatures increase the liquefaction potential while freeze-thaw cycles can improve soil's stiffness, reduce settlement and lessen risk of

Theresa John

Ph.D. Indigenous Studies

Thesis: Yuraryararput Kangiit-Ilu: Our Ways of Dance and Their Meanings

The first purpose of this study was to describe the categories of dance. The second purpose was to describe how Yup'ik music and dance have played a functional role in organizing and maintaining various societal infrastructures within the Yup'ik culture. This study sought to further understand this role and how it has evolved over time.

Major Professors: Dr. Joan Parker Webster and Dr. Raymond Barnhardt

Jordan Paul Lewis **

Ph.D. Cross-Cultural Community Psychology: Interdisciplinary Program

Thesis: Successful Aging Through the Eyes of Alaska Native Elders: What It Means to be an Elder in Bristol Bay, Alaska

The lack of a culturally specific definition often results in the use of a generic definition that portrays Alaska Native Elders as aging less successfully than their non-Native counterparts. This research explores the concept of successful aging from an Alaska Native perspective and highlights the four domains of successful aging or Eldership.

Major Professor: Dr. Gerald V. Mohatt

Philip A. Loring

Ph.D. Indigenous Studies

Thesis: Ways to Help and Ways to Hinder: Climate, Health, and Food Security in Alaska

This dissertation explores various dimensions of health and food security in Alaska. The context is dramatic climatic change and ongoing socioeconomic and

like to help them cope with the effects of climate change. Environmental change of
G) (S) and comme al activ B

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**

Jody J. Patterson

Ph.D. Anthropology

**Thesis: Landscape Structure and Terrain-Based Hunting Range Models:
Exploring Late Prehistoric Land Use in the Nutzotin Mountains,
Southcentral Alaska**

Using large mammal distributions and modern hunting range data from 21 Interior Alaska villages, landscape structure was examined to identify patterns amenable to modeling prehistoric hunting land use in the Nutzotin Mountains.

Submitted
to 7

Leslie Deanne Almborg

Ph.D. *Geology*

Thesis: Temporal-Spatial Micro-Scale Investigations of Shallow Silicic Conduits: Late-Stage Degassing, Crystallization, and Alteration
Investigations of four dome-forming volcanoes, Bezmyianny, Unzen, Mount St. Helens and Obsidian Dome, elucidate processes of magma transport, post-emplacement evolution and textural development. This research constrained magmatic ascent rates via decompression crystallization experiments, revealed mineralogical evidence for extremely rapid alteration, and quantified bubble anisotropy and three-dimensional structures using X-ray tomography.

Major Professor: Dr. Jessica F. Larsen

Jason Amundson

Ph.D. *Geophysics*

Thesis: Iceberg Calving Dynamics of Jakobshavn Isbræ, Greenland
Timelapse photography, seismic and audio recordings, iceberg and glacier motion surveys, and ocean wave measurements were used to study processes controlling iceberg calving at Jakobshavn Isbræ, Greenland. These field observations were used to aid development of a framework for iceberg calving models that can be applied to any calving glacier.

Major Professor: Dr. Martin Truffer

Brian Michael Barth *

Ph.D. *Biochemistry and Molecular Biology: Neuroscience Option*

Thesis: Ceramide Metabolism Regulates a Neuronal NADPH Oxidase Influencing Neuron Survival During Inflammation
Inflammation is a major component of neurodegeneration. This research demonstrated that neuroinflammation, through the bioactive sphingolipids ceramide and ceramide-1-phosphate, stimulated a neuronal NADPH oxidase, subsequently interfering with neuronal actin cytoskeleton and pro-survival sphingosine kinase. This study paves the way for future therapeutic development to improve neuronal function and survival.

Major Professor: Dr. Thomas B. Kuhn

Rebecca Leah Bentzen **

Ph.D. *Biological Sciences: Wildlife Biology*

Thesis: Reproductive Patterns in King Eiders
A conceptual model was created to identify selective forces impacting waterfowl nesting strategies. The model was tested using King Eiders (, breeding in northern Alaska. It appeared that food availability varied between sites and that this was a valid approach to identifying selective forces impacting nesting strategies.

Major Professor: Dr. Abby N. Powell

*

**

Todd J. Brinkman *

Ph.D. ~~Biological Sciences: Wildlife Biology~~

Thesis: Resilience of a Deer Hunting System in Southeast Alaska: Integrating Social, Ecological, and Genetic Dimensions

The interactions of social, ecological and genetic components of a hunting system of Sitka black-tailed deer (~~Capreolus~~) were examined on Prince of Wales Island, Alaska, to address concerns of hunters and to provide a new scientific tool to more effectively monitor deer populations.

Major Professors: Dr. F. Stuart "Terry" Chapin III and Dr. Kris J. Hundertmark

Cord M. Brundage

Ph.D. ~~Biological Sciences: Biology~~

Thesis: Neuroplasticity and Neurotoxicology: Central Breathing Control Following Developmental Nicotine or Ethanol Exposure

John Craighhead George **

Ph.D. ~~Biological Sciences: Wildlife Biology~~

Thesis: Growth, Morphology and Energetics of Bowhead Whales (*Balaena mysticetus*)

Bowhead whales, harvested by Inupiat hunters, were investigated with respect to age, growth, morphology and energetics. Analysis indicated that bowheads likely mature in their mid-20s, live to 150 years, and have low body core temperatures and metabolic rates. These traits are likely associated with living year-round in arctic seas.

Major Professor: Dr. Erich H. Follmann

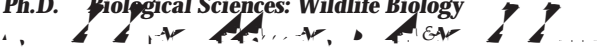
Sally J. Gustafson

Ph.D. ~~Biochemistry and Molecular Biology: Neuroscience Option~~

Thesis: Natural Compounds Isolated from Wild Alaska Bog Blueberries

Dawn Robin Magness *

Ph.D. Biological Sciences: Wildlife Biology



Daniel J. Rinella

Ph.D. Biological Sciences: Biology

Thesis: Marine-derived Nutrients in Riverine Ecosystems: Developing Tools for Tracking Movement and Assessing Effects in Food Webs on the Kenai Peninsula, Alaska

Marine-derived nutrients (MDN) delivered by spawning Pacific salmon (*Oncorhynchus* spp.) contribute to the productivity of riverine ecosystems.

Kalb Stevenson *

Ph.D. Biological Sciences: Zoology

Thesis: The Seasonality of Reproduction, Body Composition, and Energy Expenditure in Northern Red-Backed Voles (*Myodes rutilus*)

This project studied the effects of season on the northern red-backed vole (*Myodes rutilus*), an Alaska rodent known to have bred in winter. Its body composition, organ masses and field metabolic rate changed seasonally, and intraspecific variation in its reproductive response to photoperiod is regulated at the pituitary or hypothalamic level.

Major Professors: Dr. Ian van Tets and Dr. Abel Bult-Ito

Brentha Thurairajah **

Ph.D. Atmospheric Sciences

Thesis: Role of Waves on the Circulation of the Arctic Middle Atmosphere: Rayleigh Lidar Measurements and Analysis

Rayleigh lidar measurements have provided high-resolution measurements of the Arctic middle atmosphere. This project investigated the role of gravity waves on the circulation of the Arctic middle atmosphere using Rayleigh lidar measurements and analysis.

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SCHOOL OF EDUCATION



David C. Caroffino *

Ph.D. Fisheries

Thesis: Early Life History Dynamics of Lake Sturgeon

After historic population reductions, lake sturgeon (*Acipenser fulvescens*) restoration in the Laurentian Great Lakes would benefit from a better understanding of its early life history. Mortality, predation and movement were examined within a recruitment context. These results will promote better monitoring and management strategies for this, the region's largest species.

Major Professor: Dr. Trent M. Sutton

Markus A. Janout **

Ph.D. Oceanography

Thesis: Heat and Freshwater Controlling Processes on the Northern Gulf of Alaska Shelf

Processes were investigated that control the variability of temperature and salinity on the northern Gulf of Alaska shelf in order to improve the understanding of the physical environment of this rich ecosystem. Important processes include large shelfbreak eddies, atmospheric pressure systems, and dynamics involving the Alaska Coastal Current.

Major Professor: Dr. Thomas J. Weingartner

Haixue Shen **

Ph.D. Fisheries

Thesis: Walleye Pollock (*Thegra chalcogramma*) Distribution in the Eastern Bering Sea Related to Fishery and bycatch



**SCHOOL OF NATURAL RESOURCES AND
AGRICULTURAL SCIENCES**



EMERITI RECOGNITION

DR. MARK A. BOX

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EMERITI RECOGNITION

DR. JOSEPH A. DUPRAS


PROFESSOR OF ENGLISH, EMERITUS

Dr. Joseph A. Dupras has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1979 to 2010.

He has left an indelible impression upon an entire generation of English Department alumni, both undergraduate and graduate; and has through his academic rigor and intellectual energy earned the respect and admiration of his students, who learned from him to apply their own intellectual skills to pursuits greater than the mere picking up of learning's crumbs; and was recognized for his work with the College of Liberal Arts Excellence in Teaching Award four times, as well as numerous other awards.

He has published extensively engagingly written and theoretically challenging essays in renowned journals in his particular areas of research interest, including narrative theory, British Romanticism and Victorian literature; and has presented his analyses at professional conferences throughout North America.

Dr. Dupras, with his three decades of experience at the University, has served as the institutional memory for the English Department; and has directed effectively his efforts to the Department, serving in many and varied capacities, including as Department Head and as Chair of numerous Department and University committees; and has further applied his efforts to supporting educational efforts locally and nationally.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Joseph A. Dupras for his contributions to the State of Alaska and the University. 

MS. RHEBA DUPRAS


ASSOCIATE PROFESSOR OF LIBRARY SCIENCE, EMERITA

Ms. Rheba Dupras has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1981 to 2010.

She is a tireless detective who takes a creative approach to solving tough questions and has helped literally thousands of students and faculty research the literature of their fields and find information; has benefited countless students through teaching in the classroom and on the web, as well as delivering course-related library and research instruction for many different courses.

She has been an active and enthusiastic force in improving essential library services, providing leadership in the transition of library services during an era of unprecedented change from print materials to electronic services, and proving invaluable in moving the Elmer E. Rasmuson Library into the digital age.

Her exceptional services extend outside the physical walls of the University, as she has worked tirelessly to bring reference and library services to rural Alaska; and collaborated with libraries in Alaska and the Pacific Northwest on cooperative endeavors in consortial purchasing, virtual reference and document delivery.

The University of Alaska Fairbanks expresses its deep appreciation to Ms. Rheba Dupras for her contributions to the State of Alaska and the University. 

EMERITI RECOGNITION

DR. JAMES N. GLADDEN

PROFESSOR OF POLITICAL SCIENCE, EMERITUS

Dr. James N. Gladden has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1985 to 2010.

He has been praised by students at all levels of academic preparation for his depth and breadth of knowledge, the meticulous care he devotes to improving their writing skills, and for engaging their minds in the study of abstract ideas; and has received many awards that attest to his skills as a teacher and advisor; and whose expertise was acknowledged through his selection as a Fulbright Scholar to Nigeria; and has made excellent contributions to northern and environmental studies at the University.

He has become an authority on wilderness values, and natural resource and public land use management and policy issues; and whose publications include many reports and reviews, peer-reviewed journal articles, book chapters and two books; and whose research has been supported in part by the National Science Foundation, which is an indication of its quality.

He is widely regarded as a model of collegiality who has served the University in numerous capacities at both the Department and University levels; and has extended his service to a wide public sphere by offering his expertise and insight as a presenter, peer reviewer and advisor both within the United States and abroad.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. James N. Gladden for his contributions to the State of Alaska and the University. 🐾

DR. GEORGE M. HAPP

RESEARCH PROFESSOR OF BIOMEDICAL SCIENCES, EMERITUS

Dr. George M. Happ has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1995 to 2010.

He has made transformative contributions to the University.

EMERITI RECOGNITION

DR. JOHN J. KELLEY

PROFESSOR OF MARINE SCIENCE, EMERITUS

Dr. John J. Kelley has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1969 to 2010.

He has dedicated much of his career to the education and mentoring of students at all academic levels; and has offered further guidance to many master's degree and doctoral students through his service on their graduate committees; and helped develop a program to encourage Alaska Native undergraduate students to pursue careers in science, math and engineering; and whose teaching innovations include the pursuit of online marine science education projects.

He has authored or co-authored nearly one hundred fifty publications, proceedings and technical reports; and has been deeply involved in research and policy matters of particular interest to Alaska and the North, notably as Chair of the North Slope Science Advisory Committee for nearly thirty years.

He has applied both his scientific expertise and his leadership skills to a variety of public service venues at the Department and University levels as well as to national and international organizations and institutions; and was duly presented with the Emil Usibelli Distinguished Service Award in recognition of his work.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. John J. Kelley for his contributions to the State of Alaska and the University. 🍷

DR. JUDITH KLEINFELD

PROFESSOR OF PSYCHOLOGY AND NORTHERN STUDIES, EMERITA

Dr. Judith Kleinfeld has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1969 to 2010.

She expanded greatly opportunities for graduate students at the University of Alaska Fairbanks by creating the northern studies program; and has demonstrated her unceasing devotion to undergraduate studies by teaching core sociology classes at the University; and through her work has been a tireless advocate for the education of marginalized men and women of all ages and socioeconomic levels.

She has written extensively about effective cross-cultural education; and whose research has changed the way schools around the globe approach the teaching of young men and women; and whose studies of the peoples of the North have opened the eyes of the world to the challenges faced by educators and students in rural Alaska.

She has shared her observations with the local community by writing a regular newspaper column whose topics range from life and family issues in Interior Alaska to more general observations of human nature; and whose writings have helped identify those qualities of spirit and determination that define Alaskans; and has worked to expand the human concept of community to include populations which might otherwise be ignored.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Judith Kleinfeld for her contributions to the State of Alaska and the University.

EMERITI RECOGNITION

MS. TAMARA LINCOLN

ASSOCIATE PROFESSOR OF LIBRARY SCIENCE, EMERITA

Ms. Tamara Lincoln has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1976 to 2009.

She has been extolled for her warmth and dedication as a teacher; and has taught students in library science, foreign languages and literatures, and women's studies; and has facilitated academic exchanges between the University and universities in the Russian Far East.

Her extensive knowledge of the languages, cultures and literatures of the Arctic has contributed to the growth of the University's academic programs by ensuring that the Rasmuson Library's Alaska and Polar Regions collection acquired essential materials relating to the circumpolar North; and whose far-reaching network of international associates has been vital in sustaining and enhancing the Library's position as a preeminent center for the study of the arctic and subarctic regions.

Her linguistic fluency and background in Slavic languages and cultures and her training in library science uniquely prepared her to play key roles in the expansion of contacts with the Russian Far East; and has greatly benefited not only the University but the Nation with her strong personal commitment to creating understanding between Russia and the United States.

The University of Alaska Fairbanks expresses its deep appreciation to Ms. Tamara Lincoln for

EMERITI RECOGNITION

DR. MARY CHILDERS MANGUSSO

ASSOCIATE PROFESSOR OF HISTORY, EMERITA

Dr. Mary Childers Mangusso has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1966 to 1969 and 1974 to 2010.

She has demonstrated both professional aptitude and personal enthusiasm as a teacher, mentor and guide to countless undergraduate and graduate students; and developed history courses for distance delivery as well as for the Honors Program; and served on and chaired several committees for graduates in the northern studies program; and received the 2002 Robert Piacenza Award for her teaching in the Honors Program; and was a nominee for the 2004 Emil Usibelli Distinguished Teaching Award.

She has made significant contributions to her profession through her rese

rch

and publications.

Her research and teaching have been recognized by the University of Alaska Fairbanks

with several awards, including the 2002 Robert Piacenza Award for her teaching in the Honors Program.

Dr. Mangusso is a member of the American Historical Association and the Alaska Historical Society.

EMERITI RE

RESPECTED MINING AND BUSINESS EXECUTIVE

THOMAS ALBANESE

During his undergraduate and graduate years at the University of Alaska Fairbanks, Thomas Albanese attracted notice and admiration from students and faculty alike for his thoroughness, inquisitiveness and aptitude. Those estimable qualities have served him well as he has acceded to successively higher posts of skill and authority. Mr. Albanese graduated from the University in 1979 with a bachelor of science degree in mineral economics after designing and completing a unique, multidisciplinary course of study that included mining, geology and economics. In 1981 he concluded his University education with a master's degree in mining engineering.

Mr. Albanese's career since then is indicative of a man who continually seeks to increase his knowledge and expertise. He has risen to the pinnacle of his discipline as the chief executive officer of one of the world's largest mining companies. Yet despite the demands placed on him by his professional responsibilities, Mr. Albanese maintains close ties with Alaska through frequent visits to the State, including presentations to University students where he credits the University for helping provide the foundation on which his success is built.

While noted for his achievements on the stage of international commerce, Mr. Albanese has also been lauded for his integrity. His business decisions and actions demonstrate his belief that business concerns and community concerns are intertwined, and that building and maintaining respectful, mutually beneficial relationships among people and companies serves the greatest financial and social good. In distinguishing himself as a world leader

ARCTIC RESEARCHER AND SCIENTIFIC COLLABORATOR

JERRY BROWN




Throughout his distinguished career, Jerry Brown has been an internationally recognized leader in the advancement of arctic science. His role in encouraging and demonstrating the value of working together across disciplines to accelerate understanding of arctic systems led directly to the development of a host of arctic and circumpolar scientific institutes and undertakings.


The physical and biological sciences programs at the University of Alaska Fairbanks have benefited greatly from the collaboration and organizational skills emphasized and shared by Dr. Brown.


Dr. Brown has dedicated much of his career to arctic research, particularly in the area of soils and permafrost. He has worked closely with faculty, staff and students at the University of Alaska Fairbanks, and was an early and enthusiastic advocate of incorporating Alaska Native knowledge and viewpoints into arctic research policy.

HONORED CULTURAL LEADER AND WISDOM BEARER

KANGRILNGUQ PAUL JOHN

Kangrilnguq Paul John is a    one who gives advice or encouragement to others by sharing wisdom. That philosophy has guided his life. His unrelenting advocacy of the importance of holding onto the Yup'ik language and traditions and his belief in the unity of humankind are hallmarks of his teachings. He does not advocate the primacy of one culture or worldview over another but rather seeks mutual understanding that expands and enriches relationships among individuals and cultures.

Chief John was one of the last to receive a traditional Yup'ik education in a , or communal men's house, where he absorbed the lessons of his ancestors. In turn, he has worked tirelessly to share his knowledge with succeeding generations. His oft-repeated message to young people of Yup'ik culture is that their survival in the contemporary world depends on their ability to know themselves in a Yup'ik context first, but he is ever mindful that his heritage is one of many of the world's cultures. His oratory reminds listeners of all traditions to recognize their shared humanity while simultaneously celebrating their individual uniqueness.

With his intimate understanding of Yup'ik ways of knowing, Chief John has been an effective advocate and advisor on a range of matters affecting his people. He has been active in local and regional affairs for much of his life, and is one of the most honored and recognized political and cultural leaders in Alaska. His gentle wisdom, born of the lessons of his youth, is a constant reminder of the intellectual depth of the Yup'ik worldview. Alaskans are fortunate that his words have been preserved in both his mother tongue and English so all can share his knowledge. His success is a testament both to himself and to those elders who taught him so well. 

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