COMMENCEMENT IS A SPECIAL TIME

for graduates and their families and friends who come to share this momentous occasion. This ceremony represents an ending — a time of reward for academic endeavor successfully completed. In another sense it is truly a commencement, a beginning — for the learning process is an unending one, to which the years of formal schooling are only a prelude.

On May 3, 1917, Alaska Territorial Gov. John Strong signed the bill accepting a land grant from the U.S. government for the creation of a college in Fairbanks. In 2010 we celebrate 93 years of progress in higher education in Alaska.

Along with our graduates, the University of Alaska Fairbanks acknowledges with pride and gratitude the contributions of those who will receive honorary degrees. The university also proudly expresses gratitude to our dedicated faculty and staff who are retiring this year. Each has made a distinct contribution to this university and helped build the quality and reputation of the institution.

In today's 88th commencement ceremony, more than 500 students will cross the stage to receive a certificate or degree, and overall more than 1,000 graduates will be recognized for their academic attainments. Other UAF campuses and learning centers in Bethel, Dillingham, Fort Yukon, Galena, Kotzebue, Nome and Tok will honor their graduates with separate commencement activities.

We honor you, the Class of 2010, and hope that you share proudly in the university's accomplishments and heritage.

CONGRATULATIONS!



UA PRESIDENT MARK HAMILTON

Dear Graduate,

Today you are graduating from the University of Alaska Fairbanks and I trust you are as proud of that achievement as I am of you.

Tomorrow, your community, the state of Alaska, perhaps the nation and the world, will benefit from your investment in education.

You have my personal congratulations and my best wishes for the future.

Sincerely,

Mark Hamilton, President University of Alaska System



UAF CHANCELLOR BRIAN ROGERS

Dear Graduate,

Congratulations on your accomplishments! Today you are joining a distinguished group of more than 25,000 University of Alaska Fairbanks alumni. We look forward to your future contributions to your community, state and nation.

Whatever your future endeavors may be, I wish you success, happiness and fulfillment.

Celebrate this great accomplishment, now and in the future. You make UAF proud!

Brian Rogers, Chancellor University of Alaska Fairbanks

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UNIVERSITY OF ALASKA FAIRBANKS

COMMENCEMENT EXERCISES: May 16, 2010

Joe Alloway (Class of 2007 & 2008) will read graduates' names as they cross the stage

Processional Qaluyaarmiut Dancers

UAF Brass Choir Pomp and Circumstance

Conductor: Karen Gustafson

Grand Marshal Hans Nielsen

FACULTY PARADE

MARSHALS

Lily (Chunlian) Dong Patricia Heiser Roy Roehl

Joseph Dupras Joe Hawkins

Nicole Mölders

Terry Whitledge

Galen Johnson

University of Alaska

System Representative

Mark R. Hamilton, President

NATIONAL ANTHEM Dane Filemyr

Presiding Brian Rogers, Chancellor, University of Alaska Fairbanks

INVOCATION Pastor Jeff Wall, Friends Church

Remarks President Hamilton

Introductions Chancellor Rogers

Address Thomas Albanese, Class of 1979

Conferring of Degrees Cynthia Henry and Timothy Brady, Board of Regents,

University of Alaska System; President Hamilton; Chancellor Rogers; Susan Henrichs, Provost, and Lawrence Duffy,

Interim Dean, Graduate School, University of Alaska Fairbanks

Introduction of

Michael Sfraga, Vice Chancellor for Students, University of

CLASS SPEAKER Alaska Fairbanks

CLASS SPEAKER Christina Hardman, Class of 2010

RECOGNITION OF EMERITI Regent Henry; President Hamilton; Chancellor Rogers;

Provost Henrichs

Conferring of Erik Drygas, Board of Regents, University of Alaska System; President Hamilton; Chancellor Rogers; Provost Henrichs HONORARY DEGREES ALUMNI ASSOCIATION Randy Pitney, Class of 1972 President Alaska Flag Song Dean Shannon, Class of 2009 & 2010 RECESSIONAL ENSEMBLE 64.8 (UAF PERCUSSION GROUP) Director: Morris Palter Audience members are kindly requested to remain in their EXITING seats until the graduates have completed the recessional. Information 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. Stephanie Young, College of Engineering STANDARD FLAG BEARERS and Minesorange and black chevron FOR THE COLLEGES AND SCHOOLS Brianna Baurick, College of Liberal Arts.... fuchsia and white Trang Tran, College of Natural Science and Mathematics golden yellow Emily Chagluak, College of Rural and Community Developmentlight gray and red Shery Hart, School of Education.....light blue and blue Anna Deveraux, School of Fisheries and Ocean Sciences.....blue and golden yellow Anne Vance, School of Management drab and copper James Ward, School of Natural Resources and Agricultural Sciences maize and forest green University of Cynthia Henry, Chair, Fairbanks Alaska Board Timothy C. Brady, Vice Chair, Anchorage

OF REGENTS

Fuller Cowell, Secretary, Anchorage Carl Marrs, Treasurer, 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

There are a limited number of personal hearing devices available for use. Go to any information table to obtain one.

Photography will be provided by Jolesch Photography, PHOTOGRAPHY

www.jolesch.com, 800-565-3724.

Academic Degre	ΞE
Abbreviations	

A.A	. Associate of Arts
A.A.S	. Associate of Applied Science
A.S	. Associate of Science
B.A	. Bachelor of Arts
B.A.S	. Bachelor of Arts and Sciences
B.B.A	. Bachelor of Business Administration
B.E.M	. Bachelor of Emergency Management
B.F.A	. Bachelor of Fine Arts
B.M	. Bachelor of Music
B.S	. Bachelor of Science
B.T	. Bachelor of Technology
CERT	
M.A	. Master of Arts
M.A.T	. Master of Arts in Teaching
M.B.A	. Master of Business Administration
M.C.E	. Master of Civil Engineering
M.Ed	
M.E.E	. Master of Electrical Engineering
M.F.A	. Master of Fine Arts
M.N.R.M.G	. Master of Natural Resources
	Management and Geography
M.S	. Master of Science
M.S.E	. Master of Software Engineering
Ph.D	. Doctor of Philosophy

Students in the College of Rural and Community Development have their home campuses indicated beside their names. For the most part, degree candidates outside the Fairbanks area will participate in graduation ceremonies at their home campuses.

Confirmation of degrees and honors for the May 2010 degree candidates whose names are listed in this program will be made when final grades are received.

Red sashes signify graduating Alaska Native and Native American students and celebrate both their academic accomplishments and heritage. Blue sashes signify graduating Tanana Valley Campus students.

Information presented in this program is accurate as of 9 a.m., May 11, 2010. Every effort has been made to ensure the accuracy of graduates' names, degrees and other information. We sincerely regret any errors and omissions.

CARILLON

David A. Stech, *Professor of Music, Emeritus*, provided the carillon music for 2010 commencement events.

STAGE FLOWERS

Provided by Jeffrey Werner, School of Natural Resources

and Agricultural Sciences

Program Art

Lisa Peñalver

^{*} Denotes summer degree recipient

^{**} Denotes December degree recipient

HONORS RECOGNITION

GRADUATION WITH HONORS

Associate and baccalaureate degree students who graduated with honors in August and December 2009 and candidates for graduation in May 2010 wear a gold honor cord. Cumulative grade point averages required for graduating with honors are as follows:

Summa Cum Laude 3.9 or higher with no grades lower than an A-Magna Cum Laude 3.75 – 3.8 • Cum Laude 3.5 – 3.74

HONORS PROGRAM

The Honors Program designation indicates acceptance to this program, which requires exceptional academic performance and achievement in an unusually challenging course of study. Honors students must complete credits in specially designed honors courses and an honors senior thesis in their major discipline. Students may also earn honors credits by studying abroad or through internships. The UAF Honors Program is open to students in all majors and emphasizes undergraduate research. Honors graduates wear a long gold sash with blue trim and three blue stripes on each side.

GOLDEN KEY HONOR SOCIETY

An interdisciplinary organization to recognize and encourage outstanding upperdivision students, Golden Key is an international student-run service organization committed to meeting the needs of scholastic achievers. Initiated members wear a gold medallion on a blue and gold ribbon, a gold satin sash with a blue logo, or a blue and gold honor cord.

STUDENT LEADERSHIP HONORS

Leadership Honors recognize students who have made significant contributions to enhancing UAF's mission, the surrounding community and the promotion of student life, all while maintaining academic excellence. Student leadership honorees wear a burgundy honor cord.

HONOR SOCIETY OF PHI KAPPA PHI

The Honor Society of Phi Kappa Phi is open to students in all academic disciplines. PKP promotes the pursuit of excellence and the recognition of outstanding achievement by students and faculty alike. Membership is limited to the top students of each graduating class, and initiated members wear a blue ribbon and medallion bearing the symbolic seal of the society.

STUDENT AMBASSADOR

Students involved in the Student Ambassador Program have demonstrated outstanding campus leadership and have supported the growth of the university through new-student recruitment and community-service efforts.

THE CLASS OF 2010

CERTIFICATES, ASSOCIATE, BACCALAUREATE AND MASTER'S DEGREES



College of Engineering and Mines

Dr. Douglas J. Goering, Dean

BACCALAUREATE DEGREES

Crystal E. Alstrom

B.S., Civil Engineering

Matthew B. Anctil

B.S., Electrical Engineering: Power and Control

Cody Richard Bell

B.S., Mechanical Engineering. Golden Key Honor Society

Christopher J. Bender Jr.

B.S., Mechanical Engineering

Lindsay D. Briggs **

B.S., Electrical Engineering: Power and Control

Brendon John Bruns **

B.S., Electrical Engineering: Power and Control

John Daniel Burdick

B.S., Petroleum Engineering

Randall Lee Burkes

B.S., Computer Engineering

Kristofferson Catabay *

B.S., Mining Engineering

Chanon Christopher Cheysobhon

B.S., Petroleum Engineering

Daniel Clark *

B.S., Petroleum Engineering

Keith Robert Clark **

cum laude, B.S., Mining Engineering

Rodney W. Collins **

B.S., Civil Engineering

Anna Katheryn Crabtree **

B.S., Mechanical Engineering

Marcus P. Curley

B.S., Mechanical Engineering

Malcolm Deighton

B.S., Mechanical Engineering

Travis A. Donovan

cum laude, B.S., Civil Engineering. Golden Key Honor Society

Roy Fenner **

B.S., Civil Engineering

Brian David Fischer **

B.S., Electrical Engineering: Communications

Bethany Danielle Freel

magna cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Jesse Frey

B.S., Electrical Engineering: Computer Engineering

William Galligan

B.S., Petroleum Engineering

Kristina Ann Gearhart *

cum laude, B.S., Civil Engineering. Golden Key Honor Society

Stephanie Gibby

cum laude, B.S., Civil Engineering. Golden Key Honor Society

Michael Golub **

B.S., Mechanical Engineering

Duke S. Green

B.S., Mechanical Engineering

Jennifer A. Grovhoug

B.S., Civil Engineering

Jeremy Kenton Gustafson *

B.S., Mechanical Engineering

Trudi Rachelle Hallett *

B.S., Petroleum Engineering

David E. Harris

B.S., Civil Engineering

Novella Marie Harrison **

B.S., Civil Engineering

Andrew Hauer

cum laude, B.S., Electrical Engineering: Computer Engineering

Andrew Hauer

cum laude, B.S., Computer Engineering

Joseph Heimerl

magna cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Michele Helkenn

magna cum laude, B.S., Mechanical Engineering. Golden Key Honor Society

Michael Heumann

B.S., Petroleum Engineering. Golden Key Honor Society

Ioshua Ford Holbrook

cum laude, B.S., Mechanical Engineering. Golden

Key Honor Society

Scott Daniel Hulac B.S., Civil Engineering

Patrick T. Juday

B.S., Petroleum Engineering

Jacob W. Kalmbacher

B.S., Mining Engineering

Benjamin M. Kellie

cum laude, B.S., Mechanical Engineering

Tristan Charles Kitchin

B.S., Mechanical Engineering Tamra Sonya Kornfield **

B.S., Mechanical Engineering

Eric Lanser

B.S., Mechanical Engineering

Andy Lean

B.S., Civil Engineering

Robbie A. Lynn **

B.S., Civil Éngineering

Oran Alder McGee **Chad McKinney**

B.S., Civil Engineering

B.S., Electrical Engineering: Power and Control

Jonathan Ryan Michaud

B.S., Mechanical Engineering. Golden Key Honor Society

Joshua John Michie

cum laude, B.S., Petroleum Engineering. Honors Program. Golden Key Honor Society

Nicholas R. Middelstadt

B.S., Mechanical Engineering

Dustin Molle

cum laude, B.S., Civil Engineering. Golden Key Honor Society

Heather Helene Moncrief

B.S., Civil Engineering

Michael Morris

B.S., Mechanical Engineering

Mitchell Schedler O'Bryant

B.S., Mechanical Engineering

Patrick M. O'Callaghan

B.S., Mechanical Engineering

Kyle Obermiller

B.S., Geological Engineering

Jacob Odegard

B.S., Mechanical Engineering

Drew F. Olson *

B.S., Mechanical Engineering

Alexander Ott

B.S., Electrical Engineering: Power and Control

Joseph Franklin Patz

magna cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Cody Ray Peterson **

B.S., Electrical Engineering: Power and Control

Gregory D. Puckett **

B.S., Petroleum Engineering

Sterling Michael Rearden

B.S., Mechanical Engineering

Chase M. Rixie

cum laude, B.S., Electrical Engineering: Communications. Golden Key Honor Society

Cody Rymut

cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Rinu Ann Samuel

B.S., Geological Engineering. Student Ambassador

Nicholas Eugene Sanders

B.S., Petroleum Engineering

Kirsten Schultz

summa cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Kacey Shupp *

B.S., Petroleum Engineering. Golden Key Honor Society

Casey L. Smith *

B.S., Civil Engineering

Jeremy D. Stark

cum laude, B.S., Civil Engineering. Golden Key Honor Society

Lisa Maria Cortez Stowell

B.S., Mechanical Engineering

Jet Elizabeth Tasker

B.S., Mechanical Engineering

Daniel Taylor

B.S., Petroleum Engineering

Linda Lou Taylor **

B.S., Civil Engineering

Matthew B. Taylor

B.S., Civil Engineering

Timothy E. Theurer

summa cum laude, B.S., Electrical Engineering: Communications. Golden Key Honor Society

Elliot Thorum *

B.S., Geological Engineering

Marcus Erling Trivette

B.S., Civil Engineering

Samuel James Vanderwaal

cum laude, B.S., Electrical Engineering: Communications. Golden Key Honor Society

May 16, 2010 9

Janine Way

B.S., Mechanical Engineering

^{*} Summer degree recipient

Craig Arlin Wright

cum laude, B.S., Petroleum Engineering. Golden Key Honor Society

Master's Degrees

Gwendolyn Rae Bryson *

M.S., Electrical Engineering. B.S., Wells College (New York), 2003

Tonya Renee Burritt *

M.S., Arctic Engineering. B.S., University of Alaska Fairbanks, 2000

Xuanwu Chen

M.S., Civil Engineering. Golden Key Honor Society. B.E., Southeast University (People's Republic of China), 2005

Temple Davidson **

M.S., Petroleum Engineering. B.S., Cornell University (New York), 1982

Shaoqing Ge

M.S., Civil Engineering. B.E., University of Petroleum (People's Republic of China), 2003. M.S., North China Institute of Water Conservancy and Hydroelectricity (People's Republic of China), 2006

David Giessel *

M.S., Electrical Engineering. B.S., University of Alaska Fairbanks, 2005

Heather Havel

M.S., Science Management. B.S., Central Michigan University, 2003

Andrew Carl Johnson *

M.S., Petroleum Engineering. Golden Key Honor Society. B.S., Rose-Hulman Institute of Technology (Indiana), 2007

Collin Anthony Macheel

M.S., Engineering Geohydrology: Interdisciplinary Program. B.S., Bemidji State University (Minnesota), 2008

Erin McDonald

M.S., Environmental Engineering: Water Supply and Waste Treatment. B.S., Humboldt State University (California), 2007

Kelly Marie McFarlin

M.S., Environmental Engineering: Environmental Contaminants. B.E., Michigan Technological University, 2004

Lisa C. Minnear **

M.S., Environmental Engineering: Environmental Science and Management. B.S., University of Alaska Fairbanks, 2002

Maksat Omarov

M.S., Civil Engineering. B.C.E., Bogazici University (Turkey), 2007

Okechukwu A. Opara **

M.S., Petroleum Engineering. B.E., Federal University of Technology (Nigeria), 2004

Rupali Panda **

M.S., Electrical Engineering. B.E., Berhampur University (India), 2005

Samir S. Patil

M.S., Engineering Management. Golden Key Honor Society. B.S., University of Alaska Fairbanks,

Jeffrey B. Putnam

M.S., Engineering Management. B.S., United States Air Force Academy (Colorado), 1996

Rusheet Shah

M.S., Petroleum Engineering. Golden Key Honor Society. B.E., University of Pune (India), 2006

Roy Takeo Strandberg **

M.S., Mechanical Engineering. B.S., University of Washington, 1996

Erin Trochim **

M.S., Hydrology: Interdisciplinary Program. B.S., University of Calgary (Canada), 2006

Susan E. Underbakke

M.S., Arctic Engineering. Golden Key Honor Society. B.S., University of Alaska Fairbanks, 2007

Wei Zhang *

M.S., Mechanical Engineering. B.S., Dalian Fisheries University (People's Republic of China), 2001



College of Liberal ${ m Arts}$

Dr. Eric Heyne, Interim Dean

CERTIFICATES

Joel Forbes

Kuskokwim Campus, CERT, Yup'ik Language Proficiency. Golden Key Honor Society

Colynn Nadia Isaacson

Kuskokwim Campus, CERT, Yup'ik Language Proficiency. Golden Key Honor Society

Sara Ay'atang'aq Rearden

Kuskokwim Campus, CERT, Yup'ik Language Proficiency

Associate Degrees

Mary Jane Allison

summa cum laude, A.A.S., Native Language Education: Athabascan

Sondra Shaginoff-Stuart *

A.A.S., Native Language Education: Athabascan. Golden Key Honor Society

BACCALAUREATE DEGREES

Dinah Aceveda **

B.A., Social Work

Thomas C. Allen

B.S., Anthropology

Kandy V. Alley

B.A., Psychology. Golden Key Honor Society

Patricia Louise Allison

B.A., General Studies: Interdisciplinary Program

Casper Bruun Andersen

magna cum laude, B.A., Political Science. Golden Key Honor Society

Dylan Harding Anderson

B.A., Philosophy

Michael Orlin Anderson

B.A., Political Science. Golden Key Honor Society

Marilyn Andon

B.A., Psychology

Brendalynn del Rosario Andrade

B.A., Anthropology; Alaska Native Studies. Golden Key Honor Society

Ween Angulo **

B.A., Communication

Malialeialoha Aperto

B.A., Japanese Studies

Anthony Del Mar Aponte

cum laude, B.A., Psychology

Mackay Barr

B.A., Justice

Beth Barrett **

cum laude, B.A., Psychology

Tricia Leanne Bates *

magna cum laude, B.A., Foreign Languages: Second Language

Jamie L. Beyerle **

magna cum laude, B.A., Psychology

Christopher Cary Birdsall *

cum laude, B.A., Political Science

Joseph C. Blanchard II

B.A., Political Science

Caressa Bohrer

B.A., Anthropology

Tessa I. Borce *

B.A., Journalism: Broadcast Journalism

Robert Bowman

B.S., Anthropology

Jon-Kiefer Bowne

B.A., Theatre: Performance

Savanna Bradlev

cum laude, B.A., Art

Brandon Edward James Brefczynski

B.A., Political Science

Sheena Brown **

B.A., Psychology

Ashley Caitlyn Burgess **

B.S., Psychology

Leanne Alaine Burnett

summa cum laude, B.A., Psychology. Golden Key Honor Society

Liza Rose Busch

B.A., Yup'ik Eskimo

Meredith Cameron **

B.A., Political Science

Courtney M. Carlson **

B.A., Journalism: Broadcast Journalism

Elbot Carman

B.A., Art

Kyle Stephen Carrington

B.T., General Studies: Interdisciplinary Program

Fawn M. Carter

magna cum laude, B.S., Anthropology. Golden Key Honor Society

Kathryn Cessnun

magna cum laude, B.A., Biological Sciences; English. Honors Program. Golden Key Honor

Casandra Champagne-Christian *

B.A., Justice

Janelle Chapin

B.A., Social Work

Rebecca Charlie-Runfola

cum laude, B.A., Art. Golden Key Honor Society

Amy Chausse

B.A., Journalism: Broadcast Journalism

Angela L. Christiansen

B.A., Social Work. Golden Key Honor Society

Benjamin D. Christman

B.A., Political Science

Larissa Cochran

magna cum laude, B.M., Music: Performance. Golden Key Honor Society

Iohn Cofield

B.A., Sociology

Charity Morgan Curlee

B.A., Psychology. Golden Key Honor Society

Jennifer Alexandra Dale

B.A., Social Work

Daniel Darrow

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

Jennifer Day

magna cum laude, B.F.A., Art: Painting. Golden Key Honor Society

Cathryn Bliss DeFabio

B.A., Linguistics

Adam J. Demientieff

B.A., Cross-Cultural Multimedia Studies: Interdisciplinary Program

Andrea Raye Devers

B.S., Psychology

Jeff T. Dick

B.A., History

Molly Elizabeth Dischner

B.A., Journalism: News-Editorial. Honors Program

Crystal Lynne Duncan

B.S., Psychology

^{*} Summer degree recipient

Jeffrey J. Enters **

B.A., Justice

Jennefer Lynn Ernst

B.A., English

Emma Eshleman **

B.A., English

Madison A. Evans *

magna cum laude, B.A., Anthropology. Golden Key Honor Society

Sarah Evridge

B.A., History

Sara Ewers

B.S., Anthropology

Ashley Ferenc **

B.A., Sociology. Golden Key Honor Society

Alexis Fernandez *

B.A., Journalism: Broadcast Journalism; Foreign Languages: Single Language: Spanish

Chelsea D. File **

magna cum laude, 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

cum laude, B.A., Psychology

Elisabeth Anne Gebhart **

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

Korey Annetta-Karow Gessler **

B.A., Sociology

Matthew Giani

B.A., Justice

Julie Giesbrecht

B.A., Psychology. Golden Key Honor Society

Casey K. Ginley

B.A., English

Christin Louise Glaeser **

B.A., Psychology

Crystal L. Glassburn

B.S., Anthropology

Shane M. Gleason

B.A., Social Work

Miranda Christine Adrienne Goff

B.A., Art

Cory Gordon

B.A., Psychology

Brandon J. Greenstreet

B.A., Communication

Jennifer A. Grieve

B.A., Political Science

Rebekah Gueco

cum laude, B.A., Psychology

Andyn S. Gunlik

B.A., Yup'ik Eskimo

Sheli Hite Hajdukovich **

B.A., Psycholinguistics and American Sign Language: Interdisciplinary Program

Hallie Nicole Hamilton

B.A., Communication

Ian McDowell Hamilton **

B.A., Communication. Golden Key Honor Society

Rochelle Elaine Hanscom **

B.A., Political Science

Tyson Hayes Hansen

magna cum laude, B.A., Journalism: Broadcast Journalism. Golden Key Honor Society

Christina F. Hardman

magna cum laude, B.M., Music Education: K - 12. Golden Key Honor Society

Jessica Christine Harrison

B.A., Justice

Darcy D. Harrod

B.A., Art

Caitlyn Hatcher **

B.A., Music

Nicholas Warren Hautman

cum laude, B.A., Art. Golden Key Honor Society

Shayna Lorraine Hawkins **

B.F.A., Art: Computer Art

Brian E. Haves

cum laude, B.A., Psychology. Golden Key Honor

Lovonnya Hedgepeth

B.A., Psychology

Alisa Simone Helmick

B.A., Psychology. Golden Key Honor Society

Amanda G. High *

B.A., Justice. Golden Key Honor Society

Jessica M. Hill

B.A., Journalism: Broadcast Journalism. *Golden Key Honor Society*

Alison Dawn-Marie Montminy Holleman

B.A., Social Work

Rachel Lynn Hook

B.A., English

Nanae Ito

magna cum laude, B.A., Sociology. Golden Key Honor Society

Rachael Elizabeth Jackson *

magna cum laude, B.A., Foreign Languages: Single Language: Spanish. Golden Key Honor Society

Theresa LyAnn Jacobo

B.A., Journalism: Photojournalism

Sara E. James *

B.A., Psychology

Cassandra Marie Johnson *

cum laude, B.A., Journalism: Photojournalism

Ingrid Diane Johnson

magna cum laude, B.A., Justice. Honors Program. Golden Key Honor Society

Leif W. Johnson

B.A., Sociology

Max Johnson

B.A., History

Stephanie Johnson

summa cum laude, B.A., Political Science. Golden Key Honor Society

Jasmine A. Johnson-Kennedy

B.A., English; Theatre: Performance

Kimberly D. Jones

B.A., History

Mary Jones-Lewis

B.A., Social Work

Nikhil Pramod Karulkar

B.A., General Studies: Interdisciplinary Program

Matthew Keller

cum laude, B.A., Foreign Languages: Single Language: German. Golden Key Honor Society

Delight Lynn Irene Kennedy

B.A., Political Science

Brenna Dalvn Kennicker

B.A., Japanese Studies

Alice Kiunya

B.A., Social Work. Golden Key Honor Society

DeVonne Koppenberg

B.A., Psychology

Sakura Koretsune

magna cum laude, B.F.A., Art: Painting. Golden Key Honor Society

Bryce W. Kositz *

cum laude, B.A., History. Honors Program. Golden Key Honor Society

Elizabeth Marie Krauszer

summa cum laude, B.S., Psychology. Golden Key Honor Society

Caleb B. Kuntz

B.A., History

Aron David Lace

B.A., Communication

Brittany Jean Lane

B.A., Social Work

C. William Langsfeld

B.A., Foreign Languages: Language Studies

Layla Marie Lawlor

magna cum laude, B.A., Art

Samantha Lawson

cum laude, B.A., Biological Sciences; Art. Golden Key Honor Society

Rebecca L. Lean

B.A., Journalism: News-Editorial

Therese R. Lewandowski **

B.A., Social Work

Renee Linton

B.A., Social Work

Clare Ellyse Loftus

B.A., Foreign Languages: Single Language:

Carolyn Lopez

B.A., Sociology

Christopher James Low

B.A., English; Philosophy

Carl Erik Lundquist **

B.A., Justice

Joshua Luther

cum laude, B.A., Political Science; Foreign Languages: Single Language: Spanish. Golden Key Honor Society

Heather Nicole Lyons

B.A., Sociology. Golden Key Honor Society

Trisha Virginia Madros

B.A., Communication

Jessica Maldonado

B.A., Justice

Iesse Manchester

B.A., Political Science. Golden Key Honor Society

Rvan Martin

cum laude, B.A., Foreign Languages: Single Language: Spanish. Golden Key Honor Society

Colin Matteson

B.A., Political Science

Melissa Ann Mays

magna cum laude, B.A., Social Work. Golden Key Honor Society

Matthew McBride **

B.A., Justice

Margret Elizabeth McClelland **

B.A., Political Science

Maureen McCombs

B.A., Journalism: Photojournalism

Benjamin F. McDaniel

B.A., Psychology

Jolene Marie McGinty *

B.A., Social Work

Jessica C. McKay *

cum laude, B.A., Social Work

Brady McManus **

B.A., Justice

Lora Sutton McSwain *

B.A., Psychology. Golden Key Honor Society

Erica Anne Meckel

B.A., Justice

Zackary James Medlin

B.A., English. Golden Key Honor Society

Gregory R. Merdes *

B.A., Communication

Jaime Kathryn Miller *

B.A., Foreign Languages: Single Language:

Kristina Marie Miller

B.A., English

Odin Tarka Wolf Miller

B.A., Russian Studies; English

Anna Jewel Mintz **

B.A., Journalism: Broadcast Journalism

Christopher Moran

B.A., English

Paolo Christopher Morotti

B.A., Psychology

Alicia Mullinex

B.A., Psychology

^{*} Summer degree recipient ** December degree recipient

Iesse R. Musselman **

B.S., Psychology

Matthew Myers

cum laude, B.A., Japanese Studies. Golden Key Honor Society

Nancy Marie Nelson

cum laude, B.A., Social Work. Golden Key Honor Society

Unika Larrita Danielle Nelson

B.A., Communication

Jon Scott Nichols **

B.A., Justice

Brandi May Nissen

B.A., English

Alexandra O'Neal

B.A., Psychology

Jessica C. Oleson

B.A., Communication

Eric Olson

cum laude, B.S., Psychology. Golden Key Honor Society

Jillyan Olson

cum laude, B.A., Justice. Golden Key Honor Society

Katy Scarlett Olson *

B.A., Psychology

Gloria Oseguera

B.A., Sociology; Political Science

Shawnel Steele Padilla

B.A., Political Science

Carolyn Pakutz *

B.A., Psychology

Georgina L. Paskvan **

B.A., Psychology

Heather I. Paxson

cum laude, B.A., Anthropology. Golden Key Honor Society

Ninna Pedersen **

cum laude, B.A., Psychology

Narcisco M. Penamora

B.A., Social Work. Golden Key Honor Society

Mona Lisa Perdue *

B.A., Social Work

Lisa Y. Perrault **

B.A., Justice

Emily Elizabeth Peterson *

B.A., English

Kasey R. Peterson

cum laude, B.A., Communication. Golden Key Honor Society

Rebecca Jean Phillips

B.A., Anthropology

Melissa Danielle Phipps **

B.A., Social Work

Bobby Vicente Pico

B.A., Justice

Deana Lilliana Piedra

cum laude, B.A., Sociology; Psychology

Kari Willow Pile

B.A., Sociology

Natasha Lynne Pomeroy

cum laude, B.A., Psychology; Sociology. Golden Key Honor Society

Vivien S. Powell

B.A., Psychology

Katie Ragsdale

B.S., Anthropology

Rafael Ramirez Ruiz

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

Eric Retterer

B.M., Music: Performance

Angela L. Richardson

B.A., Social Work

Brandon Lee Ried

B.A., Justice

Trista Robinson *

B.A., Justice

Katherine M. Roede

B.A., Psychology; Justice

René Colette Romine

cum laude, B.A., Sociology. Golden Key Honor Society

Morgan A. Rozell **

B.A., Political Science

Spenser Ruppert

cum laude, B.A., Psychology. Golden Key Honor Society

Melissa Sanders

B.A., Psychology; Sociology

Patrick Holliday Sanders

B.A., Russian Studies

Michael Niels Sarkesian

B.A., History

Lauren E. Scarmuzzi

B.A., Psychology; Communication

Richard P. Schad III

B.A., Art

Eric Walker Schaetzle

B.A., Philosophy

Eric Warren Schmidgall *

B.A., History

Ryan Michael Schmidt **

B.A., Journalism: Photojournalism

Steffani Schwierking

B.A., Social Work

Dean Anthony Shannon

cum laude, B.M., Music Education: K - 12. Golden Key Honor Society

Marcus Shauer

B.A., Japanese Studies

Christine Lillian Simko

B.A., Imageries in Health Science: Interdisciplinary Program

Kendra Heather Sinclair

magna cum laude, B.A., Northern Studies. Student Leadership Honors. Golden Key Honor Society

Michael W. Slater

B.S., Psychology

Alyssa Smith **

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

Lori A. Smith

B.A., Social Work. Golden Key Honor Society

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 **

magna cum laude, 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. Golden Key Honor Society

Elizabeth Abigail Steiner *

B.A., Foreign Languages: Single Language: Spanish. Golden Key Honor Society

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 *

magna cum laude, B.T., Aviation Management: Interdisciplinary Program. Golden Key Honor Society

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

magna cum laude, B.A., Political Science. Golden Key Honor Society

Adrian Triebel **

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

Melodee A. Turk **

B.A., Social Work

Karla Urias *

B.A., Music. Golden Key Honor Society

Elizabeth Chepoda Usibelli

B.A., Communication

Brandon W. Uzzell *

B.A., Psychology. Golden Key Honor Society

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. Golden Key Honor Society

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

cum laude, B.A., Social Work. Golden Key Honor

Amy Cathleen Wolff **

B.M., Music: Performance. Golden Key Honor Society

Jing Xiao

B.A., Sociology. Golden Key Honor Society

Casey Gabriel Yordy

B.A., English; Psychology

Gordon Zhang *

B.S., Psychology

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cum laude, B.A., Justice

Master's Degrees

Anna M. Angiak Bond

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1985

Sarah A. Bass

M.A., Applied Linguistics. Golden Key Honor Society. B.A., Central Washington University, 1985

Linda Bergsone

M.A., Professional Communication. B.B.A., University of Latvia, 2006

Caleb M. Billmeier

M.A., Cross-Cultural Studies. B.A., University of Mary Washington (Virginia), 2004

Berill S. Blair

M.A., Northern Studies: Global Environmental Policy. B.S., Western Oregon University, 2002

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Amanda Lassiter Brander **

M.A., Professional Communication. B.S., East Carolina University (North Carolina), 2005

Robert A. Brown

M.A., English. B.A., East Carolina University (North Carolina), 2002

Jessica Caitlin Bryant

M.F.A., Creative Writing. B.A., Chester College of New England (New Hampshire), 2005

Douglas Cost

M.F.A., Creative Writing. B.A., University of Southern California, 1995

Donald Crocker

M.A., Professional Communication. B.A., University of Alaska Fairbanks, 2005

Tatiana S. Degai *

M.A., Anthropology. B.A., Kamchatka State Pedagogical University (Russia), 2004

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M.A., Anthropology. B.A., University of Central Florida, 2004

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M.F.A., Creative Writing. B.A., Colorado College, 1997. M.A., University of New Hampshire, 2002

Kevin C. Eib

M.F.A., Creative Writing. B.A., Missouri State University, 1993

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M.A., Anthropology. B.S., Szent Istvan University (Hungary), 2004

Renee J. Green

M.A., Applied Linguistics. B.A., Alaska Pacific University, 2004

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M.A., Administration of Justice. B.A., University of Alaska Fairbanks, 2001

Bruce J. Hanson

M.A., Music. B.A., University of Wisconsin-La Crosse, 1980

Amy Michelle Hartley

M.F.A., Creative Writing. B.A., University of Alaska Fairbanks, 2000

Ryan Lynn Henderson

M.F.A., Creative Writing. B.A., Mississippi State University, 2005

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M.A., Applied Linguistics. B.S., University of North Dakota, 2004

Jill C. Hoffman

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1994

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M.F.A., Creative Writing. B.A., University of North Carolina - Asheville, 2003

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M.A., Professional Communication. B.A., University of Alaska Fairbanks, 2008

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M.A., Professional Communication. B.A., University of Wisconsin-Parkside, 2007

Sara Jarvis

M.A., English. B.A., Western Michigan University, 2003

Ann LaRee Johnson

M.F.A., Creative Writing. B.S., Oregon State University, 1998

Loretto Lee Jones

M.F.A., Creative Writing. Golden Key Honor Society. B.A., Texas Tech University, 2003

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M.A., Northern Studies: Cultural Identity and Expression. B.A., Hope College (Michigan), 2003

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M.A., Applied Linguistics. B.A., University of Wisconsin, 2003

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M.F.A., Creative Writing. B.A., Vermont College, 1989

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M.A., Administration of Justice. B.A., University of Washington, 1996

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M.A., English. B.A., University of Alaska Fairbanks, 2008

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M.A., Music: Conducting. B.M., Northern Michigan University, 1987

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M.A., Professional Communication. B.A., University of Alaska Fairbanks, 2007

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M.A., Northern Studies: Global Environmental Policy. B.A., Alaska Pacific University, 2001

Gregory Woodrow Lyons

M.F.A., Creative Writing. B.A., Eastern Illinois University, 2005

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M.F.A., Creative Writing. B.A., Colby College (Maine), 2003

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M.A., Anthropology. B.A., Mercer University (Georgia), 2005. B.A., University of Hawaii at Hilo, 2006

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M.A., Applied Linguistics. B.A., University of Alaska Fairbanks, 1994

Thomas Moran

M.F.A., Creative Writing. Golden Key Honor Society. B.A., University of Notre Dame (Indiana), 1997

John J. Morton

M.F.A., Art: Ceramics. B.A., York College (Nebraska), 2004

Catherine M. Moses

M.A., Applied Linguistics. B.A., University of Alaska Fairbanks, 1984

Rachel B. Nicholai

M.A., Applied Linguistics. B.Ed., University of Alaska Anchorage, 1992

Carol S. Oulton

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1993

Jacob Pinkston

M.A., English. B.A., Illinois College, 2008

Mae A. Pitka

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1993

Theresa M. Prince

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 2006

Debra T. Ransier **

M.A., Administration of Justice. B.A., Millersville University of Pennsylvania, 1990

Rudolf Riedlsperger *

M.A., Northern Studies: Global Environmental Policy. B.A., University of Salzburg (Austria), 2007

Amy Jennifer Katmai Russell **

M.A., Northern Studies: Northern History. B.A., Bard College (New York), 1999

Julie Willson Ruth

M.A., English. B.A., Georgia State University, 1992

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1997

Marsha A. Schirack

M.A., Professional Communication, Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Virginia Colleen Schlichting

M.A., Applied Linguistics. B.A., University of Alaska Fairbanks, 2002

Brooke O'Shay Sheridan

M.A., Creative Writing. B.A., University of Montana, 2000

Jedediah Royall Smith *

M.A., Northern Studies: Global Environmental Policy. B.A.S., Eastern New Mexico University, 1999

Tracey Kay Smith

M.A., Northern Studies: Local Food Systems and Northern Wildlife Governance. B.S., University of Alberta (Canada), 2003

Lynne M. Snifka **

M.A., Northern Studies: Northern History. B.A., University of Wisconsin-Madison, 1993

Lacie Stiewing

M.F.A., Art: Sculpture. B.F.A., Northern Arizona University, 2002

Emily R. Stribling

M.A., Applied Linguistics. B.S., Western Oregon University, 2002

Joanne T. Sundown

M.A., Applied Linguistics. B.Ed., University of Alaska Fairbanks, 1996

Megan Audrey Sweeney

M.A., Professional Communication. B.A., University of Alaska Fairbanks, 2008. B.A., University of Alaska Fairbanks, 2008

Susan P. Thames

M.A., Cross-Cultural Studies. B.A., University of South Carolina, 1991

Charu Uppal

M.A., Professional Communication. B.A., University of Delhi (India), 2004

Russell W. Vander Lugt

M.A., Northern Studies: Historical Geography. B.M., Wheaton College (Illinois), 2000



College of Natural Science and **M**ATHEMATICS

Dr. Paul W. Layer, Interim Dean

BACCALAUREATE DEGREES

John C. Alexander Jr.

B.S., Computer Science

Catherine Atkinson

B.S., Mathematics. Golden Key Honor Society

Jason A. Baggett *

B.S., Mathematics

Nicholas Bradford Bajada

B.S., Biomedical Studies: Interdisciplinary Program

Josh Bennett **

B.S., Biological Sciences

Casey Eilleen Bickford

magna cum laude, B.S., Biological Sciences. Golden Key Honor Society

Lindsev Blaine **

B.A., Biological Sciences

Patrick Eugene Bollig

B.S., Biological Sciences

Britni Browning

cum laude, B.A., Biological Sciences

Halya Burns *

B.S., Biological Sciences

Hannah Burns *

B.S., Biological Sciences

Lillian Ann Capell

B.S., Biological Sciences

Zachary Carlson **

B.S., Chemistry: Biochemistry/Molecular Biology

Ecsile Chang

B.S., Biological Sciences. Golden Key Honor Society

Gregg Christopher

B.S., Computer Science. Golden Key Honor Society

Kimberly Collins **

cum laude, B.A., Earth Science

^{*} Summer degree recipient

May 16, 2010 17 ** December degree recipient

William Connor

B.S., Wildlife Biology

Tamsen Coursey

B.S., Computer Science

Karen Courtney **

B.S., Mathematics

John Curran

B.S., Mathematics. Golden Key Honor Society

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 **

cum laude, B.A., Biological Sciences

Gretchen A. Garcia

B.S., Biological Sciences. Golden Key Honor Society

Monte Daniel Garroutte **

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. Golden Key Honor Society

Barbara Yvonne Boyle Hannah *

B.S., Biological Sciences

Iris Hartshorn

cum laude, B.S., Biological Sciences. Golden Key Honor Society

Ashley Nicole Hinton **

B.A., Earth Science

Chloë Susanne Howe-Allen

B.S., Nutrition and Community Wellness: Interdisciplinary Program. *Golden Key Honor Society*

Sarah Annesley Huguet

B.S., Biological Sciences

Eric Hurtado

B.A., Biological Sciences

Brita K. Irving

cum laude, B.S., Physics. Honors Program. Golden Key Honor Society

Kimberly D. Iverson

B.S., Biological Sciences

Keaton Alyssa Judkins *

cum laude, B.A., Biological Sciences. Golden Key Honor Society

David R. Keller *

B.S., Mathematics

Michael P. Kelly **

B.S., Geology

Diana C. Kline **

B.S., Computer Science

Donald Kline

B.S., Computer Science

Mindona M. Krzykowski

cum laude, B.A., Physics. Golden Key Honor Society

Joann Kump *

B.S., Biological Sciences

Timothy A. Kvitek **

B.S., Computer Science

Rose LaMesjerant

magna cum laude, B.S., Biological Sciences. Golden Key Honor Society

Charlene Leininger **

B.S., Wildlife Biology

Charlene Leininger

B.S., Biological Sciences

Layne K. Lewis

B.S., Geology

Jeremy J. Maguire

B.S., Wildlife Biology

Lucas A. McDaniel

B.S., Computer Science

Lucas A. McDaniel

B.S., Mathematics

Jason McDonald **

B.S., Applied Physics: Computational Physics

Patryce D. McKinney

B.A., Biological Sciences

Naomi Jessica Morris

B.S., Biological Sciences. Golden Key Honor Society

Lauren Michelle Myers

cum laude, B.S., Biological Sciences. Golden Key Honor Society

William Newberry

B.S., Wildlife Biology

Justin J. Oldham *

cum laude, B.S., Physics. Golden Key Honor Society

Adam C. Parks

B.A., Earth Science

Jennifer A. Parsons ** B.S., Geology

Randy Peterson

B.S., Statistics. Golden Key Honor Society

Sonia Leann Peterson **

cum laude, B.S., Biological Sciences

David R. Phillips **

B.S., Chemistry

Julia Leighton Pierson

magna cum laude, B.S., Biological Sciences

Adam Glenn Prax

magna cum laude, B.S., Computer Science. Golden Key Honor Society

Shane A. Rideout

B.S., Chemistry: Biochemistry/Molecular Biology. Golden Key Honor Society

Errol Russell *

B.S., Computer Science. Golden Key Honor Society

Trista Saunders

B.A., Global Conservation Biology: Interdisciplinary Program

Jay Schamel

B.S., Mathematics. Golden Key Honor Society

Jay Schamel

B.S., Computer Science. Golden Key Honor Society

Rachel D. Shively

B.S., Wildlife Biology and Conservation

Angela Jean Short **

B.A., Biological Sciences

Michael W. Slater

B.S., Biological Sciences

Amanda J. Smith

B.S., Biological Sciences

John William Sommerfeld *

B.S., Geology

Joel St. John *

B.S., Computer Science; Mathematics

Zazell Lee Staheli

B.S., Biological Sciences

Charles William Stark

cum laude, B.S., Chemistry. Golden Key Honor Society

Annalisa Stephens **

magna cum laude, B.A., Biological Sciences

Kimberly Stephens *

B.S., Chemistry: Biochemistry/Molecular Biology

Ezra Strong

cum laude, B.S., Computer Science. Golden Key Honor Society

Patrick James Terra

B.S., Biological Sciences

Robert L. Torgerson

B.S., Computer Science

Elizabeth Mariel Tsigonis

magna cum laude, B.S., Biological Sciences. Golden Key Honor Society

Jason Edward Turnquist

B.S., Physics

Jacob A. Van Veldhuizen **

B.S., Geology

Emily Allison Vaughan *

cum laude, B.S., Biological Sciences

James Patrick Walsh

cum laude, B.S., Computer Science. Golden Key Honor Society

Cara Wardlaw-Bailey

magna cum laude, B.A., Biological Sciences. Golden Key Honor Society

Katie Weber **

B.S., Wildlife Biology

Joseph Wenzel *

B.S., Chemistry

Kristi Wilmes

cum laude, B.A., Biological Sciences; Justice. Golden Key Honor Society

Allison Wylde

cum laude, B.S., Biological Sciences. Golden Key Honor Society

MASTER'S DEGREES

Stacia Backensto

M.S., Ethnoecology and Wildlife Ecology: Interdisciplinary Program. B.S., Fort Lewis College (Colorado), 1997

Lisa Lyman Beattie

M.S., Statistics. B.S., University of New Hampshire, 1997

Anna-Marie Benson

M.S., Statistics. Golden Key Honor Society. M.S., University of Alaska Fairbanks, 2000. B.S., Brock University (Canada), 1994

Laura S. Brosius

M.S., Biology. Golden Key Honor Society. B.S., University of Michigan, 2006

Kellev Brumlev *

M.S., Geology: General Geology. B.S., Southern Oregon University, 2006

Helena Buurman *

M.S., Geophysics: Solid-Earth Geophysics. B.S., University of Edinburgh (Scotland), 2006

Daniel A. Carlson

M.S., Environmental Chemistry. Golden Key Honor Society. B.S., Loyola University of Chicago (Michigan), 2005

Luosha Diao

M.S., Statistics. B.O., Beijing Wuzi University (People's Republic of China), 2005

Danielle Marie Dillon

M.S., Biology. B.S., University of Alaska Fairbanks, 2007

Bjørg H. Edberg

M.S., Neuroscience: Interdisciplinary Program. B.A., St. Olaf College (Minnesota), 2006

Kevin P. Galloway

M.S., Computer Science. B.S., University of Alaska Fairbanks, 2008

Elizabeth Green **

M.S., Biology. B.S., University of Texas at Austin, 2001

Megan Hoffman

M.S., Biology. B.S., University of Alaska Fairbanks, 2006

Grant R.W. Humphries

M.S., Wildlife Biology. B.S., Memorial University of Newfoundland (Canada), 2007

Feiran Jiao

M.S., Statistics. B.O., Hebei University of Engineering (People's Republic of China), 2008

^{*} Summer degree recipient

Laura Eliza LeBlanc **

M.S., Geophysics: Snow, Ice and Permafrost Geophysics. B.S., University of Washington, 2003

Agatha S. Light **

M.S., Atmospheric Sciences. B.A., University of Montana, 2006

Andrea M. Loveland

M.S., Geology: General Geology. B.S., University of Wyoming, 2002

Jennifer R. March **

M.S., Glacial Meteorology: Interdisciplinary Program. B.A., Middlebury College (Vermont), 2004

Brandon Ashlee Marken

M.S., Computer Science. Golden Key Honor Society. B.S., University of Alaska Fairbanks, 2009

Tawna Morgan

M.S., Biology. B.S., Pacific Lutheran University (Washington), 1996

Brent Darrel Mortensen *

M.S., Biology. B.S., Brigham Young University (Utah), 2006

Linda Nicholas-Figueroa **

M.A., Chemistry. B.S., University of Alaska Fairbanks, 2000

Allison Leslie Payne

M.S., Geology: Volcanology. B.A., Carleton College (Minnesota), 1998

Ioshua H. Payne *

M.S., Geology: Petroleum Geology. B.S., State University of New York Cortland, 2006

Brian Joel Peterson

M.S.E., Software Engineering. Golden Key Honor Society. B.S., University of Utah, 2000

Rachel Ann Puchrik

M.S., Geology: Remote Sensing; Volcanology. B.S., California State University, Chico, 2005

Heather Ann Slater

M.S., Environmental Chemistry. B.S., University of Denver (Colorado), 2006

Daniel Stahlke

M.S., Physics. B.S., University of Alaska Fairbanks,

Kelsie Marie Engen Stone *

M.S., Biology. B.A., University of Alaska Fairbanks,

Alison N Triebenbach *

M.S., Biology. B.A., College of St. Benedict (Minnesota), 2001

Dolores van der Kolk

M.S., Geology: General Geology. B.S., California State University, Fullerton, 2002

Christopher Jared Van Treeck *

M.S., Geology: Economic Geology. B.S., University of Wisconsin Oshkosh, 2000

Dragos Augustin Vas

M.S., Lake Ebullition Geophysics: Interdisciplinary Program. Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Emily Louise Weiser

M.S., Wildlife Biology. B.A., Colby College (Maine), 2004

Walker Wheeler **

M.S., Computer Science. B.S., University of Alaska Fairbanks, 2001

Theresa Woldstad

M.S., Wildlife Biology. B.S., University of Alaska Fairbanks, 2006

Jia Wu

M.S.E., Software Engineering. B.S., University of Alaska Fairbanks, 2005



COLLEGE OF RURAL AND COMMUNITY DEVELOPMENT

Ms. Bernice M. Joseph, Vice Chancellor

CERTIFICATES

Margaret Active

Kuskokwim Campus, CERT, Rural Human Services

Ursula M. Akaran

Kuskokwim Campus, CERT, Rural Human Services

Royleen Alexia

Interior-Aleutians Campus, CERT, Health Care Reimbursement

Crystal E. Alstrom

Tanana Valley Campus, CERT, Drafting Technology

Michael Andreassen *

Tanana Valley Campus, CERT, Powerplant

Matrona M. Andrew

Interior-Aleutians Campus, CERT, Rural Human

Kay M. Andrews **

Tanana Valley Campus, CERT, Health Care Reimbursement

Julianna M. Anelon

Bristol Bay Campus, CERT, Community Health

Gabrielle Antesberger

Tanana Valley Campus, CERT, Medical Assistant

Andrew Beaver

Kuskokwim Campus, CERT, Rural Human Services

Michael Brennan Bell **

Tanana Valley Campus, CERT, Applied Business Management: Public Management. Golden Key Honor Society

Ion Bergeson *

Tanana Valley Campus, CERT, Drafting Technology

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Ryan Bowers *

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Isaac W. Chatham **

Tanana Valley Campus, CERT, Airframe and Powerplant

Twila M. Chayalkun

Kuskokwim Campus, CERT, Community Health

James Scott Chivers

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Karen L. Ebanez **

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Interior-Aleutians Campus, CERT, Rural Human

Shawn D. Erhart

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^{*} Summer degree recipient

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Darrel A. Felix

Interior-Aleutians Campus, CERT, Construction Trades Technology

Edna K. Flynn

Kuskokwim Campus, CERT, Rural Human Services

Adam E.G. Fogelman

Tanana Valley Campus, CERT, Automotive Technology

April D. Folger

Interior-Aleutians Campus, CERT, Construction Trades Technology

Leonard D. Folger

Interior-Aleutians Campus, CERT, Construction Trades Technology

Cameron Foster

Interior-Aleutians Campus, CERT, Rural Human Services

Hui Ping Foster *

Tanana Valley Campus, CERT, Drafting Technology

Galen A. Frank **

Interior-Aleutians Campus, CERT, Construction Trades Technology

Shawnee M. Frank **

Interior-Aleutians Campus, CERT, Construction Trades Technology

Steven Frank

Interior-Aleutians Campus, CERT, Rural Human Services

Jennifer L. Frink **

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Molly K. Thomas

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

Ariel M. Thomasson

Tanana Valley Campus, cum laude, A.A. Golden Key Honor Society

Eric E. Todd *

Tanana Valley Campus, A.A.

^{*} Summer degree recipient

Tyler Jon Toth Jr.

Tanana Valley Campus, A.A.S., Information Technology Specialist

Shammienike Tuck

Tanana Valley Campus, A.A.S., Information Technology Specialist

J.R. Tuel

Tanana Valley Campus, A.A.S., Applied Business: Computer Applications

Kelly Van Dorp

Tanana Valley Campus, cum laude, A.A.S., Applied Business: Finance; Human Resources. Golden Key Honor Society

Matthew Van Veldhuizen

Tanana Valley Campus, A.A.S., Information Technology Specialist: Computer Technology Support

Vide VanVelzor

Interior-Aleutians Campus, cum laude, A.A.S., Human Services: Addictions Counseling. Golden Key Honor Society

Carly J. Varness

Tanana Valley Campus, magna cum laude, A.A.

Cecilia Vega

Tanana Valley Campus, A.A.S., Applied Business: Management. Golden Key Honor Society

William Vetter Jr. **

Tanana Valley Campus, A.A.S., Process Technology

Nicole Walker **

Tanana Valley Campus, A.A.S., Emergency Services: Municipal Fire Control

Tamara Want **

Tanana Valley Campus, A.A.S., Applied Business: Finance

Wendy Ward

Tanàna Valley Campus, magna cum laude, A.A.S., Paralegal Studies. Golden Key Honor Society

Beau Warren **

Tanana Valley Campus, A.A.

Jennifer L. Webb

Tanana Valley Campus, A.A.S., Culinary Arts

Sheldon Webb

Tanana Valley Campus, A.A.S., Process Technology

Kili Wetherell

Tanana Valley Campus, cum laude, A.A.S., Emergency Services: Emergency Medical Services

Regina White

Tanana Valley Campus, cum laude, A.A.S., Applied Business: Finance

Caitlin Marie Wilda

Tanana Valley Campus, A.A.S., Emergency Services: Emergency Medical Services

Christiana Renee Williams

Tanana Valley Campus, A.A.

Gina Maria Williams **

Tanana Valley Campus, magna cum laude, A.A.S., Medical Assistant

Janelle Mary Williams

Tanana Valley Campus, A.A.S., Applied Accounting

Lee Andrea Wisniewski *

Tanana Valley Campus, A.A.S., Paralegal Studies

Harold A. Woods **

Tanana Valley Campus, A.A.S., Applied Accounting

Doña L. Yoder

Tanana Valley Campus, cum laude, A.A.S., Applied Business: Administrative Management. Golden Key Honor Society

Vincent Patrick Zamora

Tanana Valley Campus, A.A.S., Applied Business: Management

Hannah L. Zeisel

Tanana Valley Campus, cum laude, A.A.S., Emergency Services: Emergency Medical Services

BACCALAUREATE DEGREES

Margretta Akagi Exendine *

B.A., Rural Development: Small Business Management

Barbara Jane Blake

B.A., Rural Development: Community Business and Economic Development. *Golden Key Honor Society*

Harriet Charlene Brouillette

B.A., Rural Development: Community Business and Economic Development

Annette May Donaldson *

B.A., Rural Development: Rural Health and Human Services Management

Lisa Louise Fidino

Tanana Valley Campus, cum laude, B.A., Child Development and Family Studies: Curriculum and Teaching

Janelle Martha Fritze

B.A., Rural Development: Rural Health and Human Services Management. Student Leadership Honors

Beatrice Grewal

Bristol Bay Campus, B.A., Rural Development: Rural Health and Human Services Management

Lisa Robin Haugen

Northwest Campus, B.A., Rural Development: Rural Health and Human Services Management

Katrina L. Jensen *

Tanana Valley Campus, B.A., Child Development and Family Studies: Family Support

Cheri L. Johansen

Bristol Bay Campus, B.A., Rural Development: Rural Health and Human Services Management

Grace E. Kirk

B.A., Rural Development: Rural Health and Human Services Management

Charlene Lopez

Bristol Bay Campus, B.A., Rural Development: Small Business Management

AnneMarie Mattacchione

Tanana Valley Campus, magna cum laude, B.A., Child Development and Family Studies: Curriculum and Teaching. Golden Key Honor Society

Sven A. Paukan

B.A., Rural Development: Tribal and Local Government Administration

Gineva Suzan Peterson

Tanana Valley Campus, B.A., Biological Sciences; Child Development and Family Studies: Curriculum and Teaching

MASTER'S DEGREES

Pearl Kiyawn Brower

M.A., Rural Development. B.A., University of Alaska Fairbanks, 2004

Marcella Jane Cornell

M.A., Rural Development. B.A., University of Washington, 1998

Matt Gilbert

M.A., Rural Development. B.A., University of Alaska Anchorage, 2005

Patricia Hansen Gillam

M.A., Rural Development. B.S., University of Wisconsin Madison, 1984

Gordon L. Jackson

M.A., Rural Development. B.Ed., University of Alaska Fairbanks, 1970

Patsy A. Jackson

M.A., Rural Development. B.A., University of Alaska Fairbanks, 2003

Karen Petersen

M.A., Rural Development. B.S., Washington State University, 1982

Gordon Lee Pullar Jr.

M.A., Rural Development. Golden Key Honor Society. B.S., Florida State University, 2007

Terence Reeve

M.A., Rural Development. B.A., University of Washington, 1966



SCHOOL OF EDUCATION

Dr. Eric C. Madsen, Dean

CERTIFICATES

Tommy Jerome Baxter

CERT, Elementary Licensure Program

Jennifer Megan Bennett

CERT, Secondary Licensure Program

Sarah Lynne Brewer

CERT, Elementary Licensure Program. Golden Key Honor Society

James R. Castleberry

CERT, Secondary Licensure Program

Susanna Cerven

CERT, Elementary Licensure Program

Gloria Ann Clendaniel

CERT, Secondary Licensure Program

Sara Clinton

CERT, Secondary Licensure Program

Timothy John Coray *

CERT, Secondary Licensure Program

Caroline J. Dershin

CERT, School Counselor Licensure Program

Karen Dishneau

CERT, Secondary Licensure Program

E. Suzanne Eckhardt

CERT, Secondary Licensure Program

Dianne Feray

CERT, Counseling

Anneli Rose Gadamus

CERT, Secondary Licensure Program

Robert M. Gumpert

CERT, Secondary Licensure Program. Golden Key Honor Society

Mary Loretta Huntington

CERT, Secondary Licensure Program

Ashley Hutton

CERT, Secondary Licensure Program

Rachael Elizabeth Jackson

CERT, Secondary Licensure Program. Golden Key Honor Society

Alysa Jean Klistoff Loring

CERT, Secondary Licensure Program

Arnold Ivy Marks Jr. *

CERT, Secondary Licensure Program

Rebecca Missler *

CERT, Secondary Licensure Program

Samuel Theodore Norlin

CERT, Secondary Licensure Program

Alexandra Killam Packa

CERT, Secondary Licensure Program

Leigh Ellen Ray

CERT, Elementary Licensure Program

Clint William Reigh

CERT, Secondary Licensure Program. Golden Key Honor Society

Alix Andria Royal

CERT, Secondary Licensure Program. Golden Key Honor Society

Sarah Salinas-Weld **

CERT, Secondary Licensure Program

Emily Elizabeth Samargo

CERT, Secondary Licensure Program

Wayne Ray Smith Jr.

CERT, Secondary Licensure Program

Maura Killion Sumpter

CERT, Elementary Licensure Program

^{*} Summer degree recipient

^{**} December degree recipient

James Michael Tapp II

CERT, Secondary Licensure Program

Tumi Traustason

CERT, Secondary Licensure Program

Emily E. H. Waldo

CERT, Elementary Licensure Program

Catherine Whitney

CERT, Secondary Licensure Program

Gary L. Wiebel Jr. CERT, School Counselor Licensure Program

Natalie Kaye Zavodski

CERT, School Counselor Licensure Program

BACCALAUREATE DEGREES

Janet Ahlalook

B.A., Elementary Education

Elisabeth R. Angeles

magna cum laude, B.A.S., Arts and Sciences. Golden Key Honor Society

Michael Agafon Baldwin *

B.A., Elementary Education

Diana Marie Burbank

cum laude, B.A., Elementary Education. Golden Key Honor Society

Lindsay Marie Caupp

cum laude, B.A.S., Arts and Sciences. Golden Key Honor Society

Britta Christensen *

cum laude, B.A., Elementary Education. Golden Key Honor Society

Amanda J. Hartman

B.A., Elementary Education

Mari L. Larson

cum laude, B.A., Elementary Education. Golden Key Honor Society

Catherine Marie Moses

B.A., Elementary Education. Golden Key Honor Society

Jennifer Vera Ruis

cum laude, B.A., Elementary Education. Golden Key Honor Society

Alexa Bree Sherman

magna cum laude, B.A.S., Arts and Sciences. Golden Key Honor Society

Heather Stossmeister

magna cum laude, B.A., Elementary Education. Golden Key Honor Society

Cheryl Lee Thomas

B.A., Elementary Education

Brenna Tibbs *

B.A.S., Arts and Sciences

Whitney Todd

B.A., Elementary Education

Elizabeth LoRene Tynes-Peissner

magna cum laude, B.A., Elementary Education. Golden Key Honor Society

Kellie VanderMolen

cum laude, B.A., Elementary Education. Golden Key Honor Society

Vanessa R. Versandi *

B.A.S., Arts and Sciences

Master's Degrees

Anne Adasiak-Andrew *

M.Ed., Curriculum and Instruction. B.A., University of Redlands (California), 1993

Nadia Anders

M.Ed., Education. B.A. Queens College (New York) 1995

Barbara A. Andrew

M.Ed., Language and Literacy. B.Ed., University of Alaska Anchorage, 1992

Carina Hope Dick

M.Ed., Counseling. Golden Key Honor Society. B.S., University of Alaska Fairbanks, 2006

Melissa Dobbs

M.Ed., Cross-Cultural Education. B.A., University of Alaska Anchorage, 1997

Patrick Frymark

M.Ed., Secondary Education. Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Terri Gaines *

M.Ed., Counseling. B.A., University of Alaska Fairbanks, 2006

Laurey Gronemeier **

M.Ed., Counseling. B.S., University of Alaska Fairbanks, 2003

Carrie Jones *

M.Ed., Curriculum and Instruction. B.S., University of Alaska Fairbanks, 2001

Elizabeth Andresen Kane

M.Ed., Guidance and Counseling. B.A., University of Alaska Fairbanks, 1998

Jacqueline Kleewein-Strom

M.Ed., Guidance and Counseling. B.A., University of Alaska Fairbanks, 2005

Kate Falvey LaSota **

M.Ed., Counseling. B.A., University of Rochester (New York), 1988

Judy A. Madros

M.Ed., Reading: K - 12 Reading. B.Ed., University of Alaska Fairbanks, 1991

Janet M. Madsen

M.Ed., Guidance and Counseling. B.A., University of New Brunswick (Canada), 1981. M.L.S., University of Hawaii at Manoa, 1991

Nivia Magdalena Martin

M.Ed., Counseling. B.A., University of Alaska Fairbanks, 2005

Susan Grace McDiarmid **

M.Ed., Guidance and Counseling. B.A., Furman University (South Carolina), 1993. M.O., University of St. Augustine for Health Sciences (Florida), 2001

Caitlin Montague-Winebarger

M.Ed., Curriculum and Instruction. B.S., Washington State University, 2006

Timothy Murphrey

M.Ed., Curriculum and Instruction. B.A., University of Alaska Fairbanks, 2003

Cassey L. Page

M.Ed., Counseling. Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Max John Pananen

M.Ed., Secondary Education. Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Renee E. Parsley **

M.Ed., Secondary Education. B.S., University of Alaska Fairbanks, 2001

Breanna Stohl Peterson

M.Ed., Counseling. B.A., University of Alaska Anchorage, 2005

Nicole H. Polk *

M.Ed., Elementary Education. B.A., University of Wisconsin-Whitewater, 2001

Nicole Renson *

M.Ed., Reading. B.A., University of Alaska Fairbanks, 2006

Emily B. Roseberry

M.Ed., Curriculum and Instruction. B.S., Oral Roberts University (Oklahoma), 1998

Mark Joseph Roseberry

M.Ed., Curriculum and Instruction. B.S., Oral Roberts University (Oklahoma), 1987

Orien M. Schmitz *

M.Ed., Reading. B.Ed., University of Alaska Fairbanks, 2001

Olga Jennifer Skinner **

M.Ed., Language and Literacy: Bilingual/ Multicultural Education. B.A., University of Alaska Fairbanks, 1998

Sheila E. Wallace

M.Ed., Language and Literacy. B.Ed., University of Alaska Fairbanks, 1994



SCHOOL OF FISHERIES AND OCEAN SCIENCES

Dr. Denis Wiesenburg, Dean

BACCALAUREATE DEGREES

Kyle J. Schumann

B.S., Fisheries

Shelley Sophia Dawn Woods

B.S., Fisheries

Master's Degrees

Mayumi Arimitsu **

M.S., Fisheries. B.A., University of California Santa Cruz, 1998

Scott David Ayers

M.S., Fisheries. B.S., University of Alaska Fairbanks, 2003

Jenefer Bell **

M.S., Marine Biology. B.S., Allegheny College (Pennsylvania), 1994

Elizabeth B. Benolkin **

M.S., Fisheries. B.A., University of Pittsburgh (Pennsylvania), 1994

Maryann Bozza **

M.S., Marine Biology. B.A., City University of New York Brooklyn College, 1987

Tyler Dann *

M.S., Fisheries. B.A., Whitman College (Washington), 2000

Samantha Kristin Strom Decker

M.S., Fisheries. B.S., University of Alaska Fairbanks, 2001

Kristen N. Dunlap *

M.S., Fisheries. B.S., Alaska Pacific University, 2004

Lorena Elaine Edenfield **

M.S., Fisheries. B.S., Ball State (Indiana), 2006

Rebekka N. Federer *

M.S., Marine Biology. B.S., Michigan Technological University, 2004

Jonathon Dennis Gerken **

M.S., Fisheries. B.S., University of New Mexico, 1999

Deena M. Jallen *

M.S., Fisheries. B.S., University of Alaska Fairbanks, 2001

Caroline Jezierski **

M.S., Marine Biology. B.A., Gustavus Adolphus College (Minnesota), 1997

Shann Paul Jones **

M.A., Aquatic and Environmental Education: Interdisciplinary Program. B.S., University of Alaska Fairbanks, 1999

Lisa Marie Kamin

 $\mbox{M.S., Fisheries. } \mbox{B.S., } \mbox{University of Miami (Florida), } \mbox{2005}$

Trina J. Lapis

M.S., Seafood Science and Nutrition: Interdisciplinary Program. B.S., University of the Philippines Los Baños, 2003

Brooke McFarland

M.S., Marine Biology. B.S., University of Oklahoma, 2002

David L. Miller *

M.A., Subtidal Marine Studies: Interdisciplinary Program. B.S., University of Central Oklahoma, 1992

Jeanette Lynn Nienaber *

M.S., Marine Biology. B.S., Montana State University, 2004

Daniel K. Okamoto *

M.S., Fisheries. B.S., University of Washington, 2005

Lorna Ione Wilson **

M.S., Fisheries. B.A., St. Olaf College (Minnesota), 2005

^{*} Summer degree recipient



BACCALAUREATE DEGREES

Hannah Marrene Armstrong

cum laude, B.B.A., General Business. Golden Key Honor Society

Mladen Begojevic **

B.B.A., Accounting

Edwin Ryne Bifelt **

B.B.A., Finance

Jonathan Bradish

B.B.A., Marketing

Jocelyn Bratten

cum laude, B.B.A., Accounting. Golden Key Honor Society

Robin Burke

B.A., Economics

Douglas Wayne Carlin

B.B.A., Marketing

Seeyaa Charpentier

B.B.A., Management and Organizations

John Cofield

B.B.A., Management and Organizations

Andrew Cooper **

B.B.A., Economics

Anna L. Coulter

cum laude, B.B.A., Accounting. Golden Key Honor Society

Yanfang Deng *

magna cum laude, B.B.A., Accounting. Golden Key Honor Society

Jaime Nicole Dieringer

B.B.A., Management and Organizations

Tammy Enochs

B.B.A., Accounting. Golden Key Honor Society

Thomas Anthony Fatica **

B.B.A., Finance

William Thomas Fierro **

B.B.A., Economics

Margaret C. Fisher **

B.B.A., Accounting

Laili Fullford

B.B.A., Accounting

Michael Manuel Gomes **

B.B.A., Marketing

Brandy Kay Hahn

B.B.A., Management and Organizations

Shannon L. Hicks

B.B.A., Accounting

Gaylene A. Huntington

magna cum laude, B.B.A., Accounting. Golden Key Honor Society

Christina Michelle Johnson **

B.B.A., Management and Organizations

Reed Johnson

magna cum laude, B.B.A., Management and Organizations. Golden Key Honor Society

Kyle Garrett Jones **

B.B.A., General Business

Brandon B. Knelsen

magna cum laude, B.B.A., General Business. Golden Key Honor Society

Dion Knelsen

B.B.A., General Business. Golden Key Honor Society

Victor J. Kubanyi Jr.

B.A., Economics

Adrienne Marie Laurencelle **

B.B.A., Management and Organizations

Tripti Caroline Macias

magna cum laude, B.B.A., Accounting. Golden Key Honor Society

Christopher Paul Marok

B.B.A., Marketing

David Michael McGraw

B.B.A., Accounting

Grant McGregor *

B.B.A., Finance

Jessica Nicole McInelly

B.B.A., Accounting. Golden Key Honor Society

Jennifer Lynne McMillan

cum laude, B.B.A., Accounting. Golden Key Honor Society

Krista Marie Meeks **

cum laude, B.B.A., Accounting

Kathryn J. Niemi

cum laude, B.B.A., Management and Organizations. Golden Key Honor Society

Trudy Lynne O'Kelley **

B.B.A., Management and Organizations

Jordan William Pernarowski

magna cum laude, B.B.A., General Business. Golden Key Honor Society

Peter Reed

B.B.A., Finance

Holly Klutina Sacora

B.B.A., Finance

Lulije Saliu

B.B.A., Accounting

Valaire Sanford

B.B.A., Accounting

Abigail Lynn Scannell

B.B.A., Accounting. Golden Key Honor Society

Sean Oliver Sigh

B.B.A., Management and Organizations

Karl Stevens **

B.B.A., Accounting

Justin Strausbaugh

B.B.A.. General Business

Patrick R. Tanner

B.B.A., Accounting

John Howard Thies

B.B.A., General Business

Megan Thigpen

cum laude, B.B.A., General Business

Dean Wilfred Towarak **

B.B.A., Accounting

Steven D. Tyree **

B.B.A., Management and Organizations

Sarah J. Villalon

B.B.A., Accounting. Student Leadership Honors

Dilin Wang

cum laude, B.B.A., Accounting. Golden Key Honor Society

Kristi Lynne Weis

B.B.A., Management and Organizations

Master's Degrees

Jamal Brown

M.B.A., General Management. B.S., Florida A&M University, 2001

Alicia Anne Burdick *

M.B.A., General Management. B.S., Wright State University (Ohio), 2001

Amber Cagwin **

M.B.A., Capital Markets. B.S., University of Alaska Fairbanks, 2000

Kelly Rae Collins

M.B.A., General Management. B.B.A., University of Alaska Fairbanks, 2008

Brent Alan Creer *

M.B.A., General Management. B.T., Utah State University (Utah), 2003

Frances M. Dashiell **

M.B.A., General Management. B.B.A., University of Alaska Fairbanks, 2008

Francine M. Davis

M.B.A., General Management. B.A., University of Alaska Fairbanks, 1993

Sharon Fitzgerald Ehasz

M.B.A., General Management. B.A., United States Air Force Academy (Colorado), 2001

Carol Mary Atkinson Holz **

M.B.A., General Management. B.B.A., University of Mary Hardin-Baylor (Texas), 1990

Shivalingappa Hullavarad *

M.B.A., General Management. B.S., Karnatak University (India), 1990. M.S., Karnatak University (India), 1993. Ph.D., University of Pune (India), 2000

Tabitha Johnson

M.B.A., General Management. Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2007

Justin James Koestler

M.B.A., General Management. B.S., Northland College (Wisconsin), 2004

Marius Korthauer **

M.B.A., Capital Markets. Golden Key Honor Society. B.B.A., University of Alaska Fairbanks, 2008

Fan Liu **

M.B.A., General Management. B.B.A., Guangdong University of Foreign Studies (People's Republic of China), 2005

Megan M. Lugg *

M.B.A., General Management. B.B.A., University of Central Florida, 2006

Einar Melander Often

M.S., Resource and Applied Economics. B.S., University of Life Sciences (Norway), 2008

Jordan J. Omstead

M.B.A., General Management. B.O., United States Air Force Academy (Colorado), 2006

Michael D. Panfil

M.B.A., General Management. B.S., University of Redlands (California), 2002

Jason Rissler

M.B.A., General Management. B.A., University of Florida, 1993

Rachel Darlene Roy **

M.B.A., General Management. B.A., Sheldon Jackson College (Alaska), 2008

Michael C. Russell **

M.S., Resource and Applied Economics. B.B.A., McKendree University (Illinois), 2001

Erin M. Scott **

M.B.A., General Management. B.A., University of Alaska Fairbanks, 2007

Christopher Taylor **

M.B.A., General Management. B.B.A., University of Alaska Fairbanks, 2005

Jason Edward Turo

M.B.A., Capital Markets. B.B.A., University of Alaska Fairbanks, 2009

Adam Farrest Walker **

M.B.A., General Management. B.B.A., Northeastern State University (Oklahoma), 2007

Elizabeth Ann Walton

M.B.A., Capital Markets. B.B.A., University of Alaska Fairbanks, 2009

Kelly Brianne Ward **

M.B.A., General Management. B.O., Mississippi State University, 2005

^{*} Summer degree recipient



School of Natural Resources and Agricultural Sciences

Dr. Carol E. Lewis, Dean

BACCALAUREATE DEGREES

Matthew S. Balazs

cum laude, B.S., Geography: Geographic Information Science and Technology; Landscape Analysis and Climate Change Studies. Golden Key Honor Society

Matthew S. Balazs

cum laude, B.A., Geography. Golden Key Honor

Kasey Lynne Brovold

B.S., Geography

David Dunbar

B.A., Geography

Hannah Lee Vancouver Harrison

B.S., Natural Resources Management: Resources

Ellen Walford Hatch

magna cum laude, B.S., Natural Resources Management: Plant, Animal and Soil Sciences. Honors Program. Golden Key Honor Society

Daniel Hazen

B.S., Geography: Landscape Analysis and Climate Change Studies

Heidi L. Isernhagen

B.A., Geography

Joseph C. Kendall **

B.S., Natural Resources Management: Resources

Cori May Kindred

B.A., Geography

Tamara S. Lozano

B.S., Natural Resources Management: Plant, Animal and Soil Sciences

Christine A. McLean

B.S., Geography: Environmental Studies

Robert Michael Mikol **

B.S., Geography: Landscape Analysis and Climate Change Studies

Anne Marie Miller

B.S., Natural Resources Management: Plant, Animal and Soil Sciences

Amanda J. Peacock **

B.S., Natural Resources Management: Plant, Animal and Soil Sciences

Amy Rath

B.S., Geography: Landscape Analysis and Climate Change Studies

Katherine Elizabeth Riffey

B.S., Natural Resources Management: Geographic Information Science and Technology; Landscape Analysis and Climate Change Studies

Matthew H. Sprau

B.S., Natural Resources Management: Forestry

Nicole Lynn Swensgard

B.S., Natural Resources Management: Plant, Animal and Soil Sciences

Molly Ann Timm

cum laude, B.A., Geography. Golden Key Honor Society

Vincent Lee Waters

B.S., Natural Resources Management: Resources

Master's Degrees

David Randolph Hite Jr.

M.N.R.M.G., Natural Resources Management and Geography. B.B.A, Cleveland State University (Ohio), 1997

Jennifer Lynn Jenkins **

M.S., Natural Resources Management. B.S., Adams State College (Colorado), 1998

Jill Erin Maynard

M.S., Natural Resources Management. B.S., Oregon State University, 2001

Ellen Trainor

M.S., Natural Resources Management. Golden Key Honor Society. B.S., University of Prince Edward Island (Canada), 2001

THE CLASS OF 2010

DOCTOR OF PHILOSOPHY DEGREES



College of Engineering and Mines

Dr. Douglas J. Goering, Dean

Winston Starr Burbank, Jr. *

Engineering: Mechanical Engineering

B.S., Oregon State University, 2004. M.S., University of Alaska Fairbanks, 2006

Thesis: Modeling of a Novel Triple Turbine Solid Oxide Fuel Cell Gas Turbine Hybrid Engine with a 5:1 Turndown Ratio

A novel solid oxide fuel cell/gas turbine (SOFC-GT) hybrid modeled over a 5:1 turndown ratio. Utilizing two control variables allows the hybrid to maintain the SOFC stack exit temperature at 1000°C. The inexpensive turbomachinery contributes half the rated power and is expected to lower system costs compared to previous hybrids.

Major Professor: Dr. Dennis E. Witmer

Agota Horel *

Engineering: Environmental Engineering Ph.D.

B.S., Szechenyi Istvan Foiskola (Hungary), 1998. B.S., University of Alaska Anchorage, 2005

Thesis: Biodegradation of Petroleum and Alternative Fuel Hydrocarbons in

Moderate to Cold Climates

This thesis focuses on the investigation of the physical and chemical parameters and environmental effects on biodegradation by naturally occurring microorganisms for hydrocarbon fuels in terrestrial subsurface, and determining the overall fate of hydrocarbons in soil, including degradation by fungi and bacteria, volatilization, and transport in the soil.

Major Professor: Dr. Silke Schiewer

^{*} Summer degree recipient

Yu Zhang **

Ph.D. **Engineering: Civil Engineering**

B.S., Zhejiang University of Technology (People's Republic of China), 2000. M.S., Southeastern University (People's Republic of China), 2003

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 freezethaw cycles can improve soil's stiffness, reduce settlement and lessen risk of liquefaction.

Major Professors: Dr. J. Leroy Hulsey and Dr. Kenan Hazirbaba



College of Liberal Arts

Dr. Eric Heyne, Interim Dean

Jennifer Carroll

Ph.D. Anthropology

B.A., Harvard-Radcliffe College (Massachusetts), 1990. M.A., University of Alaska Fairbanks, 1995

Thesis: Maybe an Answer is in There: Life Story in Dialogue

This dissertation explores the ways Gwich'in women's lives have changed through the life story and historical and cultural reflections of Vera Englishoe, a Neets'aji Gwich'in woman from Venetie and Fort Yukon. It uses a dialogic approach to explore how meaning is negotiated between the storyteller and multiple audiences.

Major Professor: Dr. William S. Schneider

Medea Csoba DeHass **

Ph.D. Anthropology

B.A., Eotvos Lorand University (Hungary), 2002

Thesis: Sugpiaq Russian Orthodoxy — Conceptual Analogy in Religious Syncretism in Nanwalek, Alaska

This dissertation focuses on Sugpiaq Russian Orthodoxy, as it is formulated in culture-specific analogies and conceptualized through the process of religious synthesis. It explores how people interpret certain aspects of their religion according to their own ontological reality, in order to integrate foreign religious ideas into the local cultural context.

Major Professor: Dr. Peter P. Schweitzer

Theresa John

Indigenous Studies Ph.D.

B.A., University of Alaska Fairbanks, 1983. M.Ed., University of Alaska Fairbanks, 1992

Thesis: Yuraryararput Kangiit-llu: 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

B.A., University of Alaska Fairbanks, 1999. M.A., Washington University (Missouri), 2000

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

Indigenous Studies Ph.D.

B.A., Florida Atlantic University, 2005. M.A., University of Alaska Fairbanks, 2007

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 cultural transitions in Alaska's rural and urban communities, covering topics like methylmercury contamination and the impacts of environmental change on subsistence and commercial activities.

Major Professor: Dr. S. Craig Gerlach

Shannon Michele McNeeley *

Ph.D. **Environmental Change and Sustainability Science: Interdisciplinary** Program

B.A., Bowling Green State University (Ohio), 1991. M.A., Monterey Institute of International Studies (California), 1998

Thesis: Seasons Out of Balance: Climate Change Impacts, Vulnerability, and Sustainable Adaptation in Interior Alaska

Native communities in the Koyukuk-Middle Yukon region report an inability to satisfy their needs for harvesting moose before the hunting season closes, citing warmer falls, changing water levels, and the regulatory framework as primary causes. By combining indigenous observations and western social-natural sciences, this study examines the complex, multi-scaled interaction of climate change and subsistence livelihoods.

Major Professors: Dr. S. Craig Gerlach and Dr. F. Stuart "Terry" Chapin III

^{*} Summer degree recipient

Jody J. Patterson

Ph.D. Anthropology

B.A., New Mexico Highlands University, 1994. M.A., New Mexico Highlands University, 1996

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. Significant correlations between landscape structure and chipped stone tools indicate multiple hunting strategies occurred in the region.

Major Professor: Dr. Maribeth S. Murray

Lianne Williamson *

Women's Studies: An Interdisciplinary Program

B.A., American University (Washington, D.C.), 1988. M.A., Johns Hopkins University (Maryland), 1996

Thesis: Inconsistent Endeavors: The Elusiveness of the Anti-Heroine

This project was to find the markers and signifiers for the character of the antiheroine. Research has shown that she is an extremely elusive character and is quite different from the anti-hero. She defies stereotyping, is a complex creation, may or may not be beautiful and acts rather than reacts.

Major Professors: Dr. Derick W. Burleson and Dr. Roy K. Bird



College of Natural Science and **M**ATHEMATICS

Dr. Paul W. Layer, Interim Dean

Jason A. Addison **

Ph.D. Geology

B.S., University of Washington, 2004. B.S., University of Washington, 2004

Thesis: High-Resolution Paleoceanography of the Gulf of Alaska, Subarctic Northeast Pacific Ocean, Since the Last Glacial Maximum: Insights Into a Dynamic Atmosphere-Ocean-Ecosystem Linkage at Decadal to Millennial Timescales

> Marine sediment cores from the continental margin of the Gulf of Alaska were analyzed to reconstruct environmental changes over the last 18,000 years. Biogeochemical proxies document marine ecosystem variability linked to highlatitude climate change, including the Pacific Decadal Oscillation, and abrupt climate events during the transition into modern Holocene conditions.

Major Professors: Dr. Bruce P. Finney and Dr. James E. Begét

Leslie Deanne Almberg

Ph.D. Geology

B.S., University of Washington, 2001. M.S. University of Alaska Fairbanks, 2003

Thesis: Temporal-Spatial Micro-Scale Investigations of Shallow Silicic Conduits: Late-Stage Degassing, Crystallization, and Alteration Investigations of four dome-forming volcanoes, Bezymianny, Unzen, Mount St. Helens and Obsidian Dome, elucidate processes of magma transport, postemplacement 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

B.S., University of Minnesota, Twin Cities, 2003. M.S., University of Alaska Fairbanks, 2006

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 *

Biochemistry and Molecular Biology: Neuroscience Option

B.S., Colorado State University, 2004

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 **

Biological Sciences: Wildlife Biology

B.A., University of Alaska Fairbanks, 1998

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 (*Somateria spectabilis*) 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

^{*} Summer degree recipient

Todd J. Brinkman *

Biological Sciences: Wildlife Biology Ph.D.

B.S., Minnesota State University Mankato, 2000. M.S., South Dakota State University, 2003

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 (Odocoileus hemionus sitkensis) 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

Biological Sciences: Biology

B.S., Colorado State University, 2004. M.S., University of Alaska Fairbanks, 2008

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

Developmental exposure to nicotine or ethanol may contribute to sudden infant death syndrome by impairing control of breathing. This research quantified central responses to breathing stressors following nicotine or ethanol exposure. Impairments were seen in responses to low oxygen or high carbon dioxide supporting the possible link to SIDS.

Major Professor: Dr. Barbara E. Taylor

Anna S. Bulanova *

Ph.D. **Mathematics**

B.S., St. Petersburg State University (Russia), 2002

Thesis: Control Theoretic Approach to Sampling and Approximation Problems The overall theme of the thesis is the application of methods of control theory to problems in signal processing and numerical integration. The project demonstrated how control theoretical ideas can be applied to the problem of sampling and interpolation, the spectral estimation problem, and non-standard approximation problems.

Major Professor: Dr. Sergei A. Avdonin

Andrea E. Corcoran **

Ph.D. Biological Sciences: Zoology

B.S., University of British Columbia (Canada), 2003

Thesis: Serotonergic and Hypocretinergic Systems Modulate Ventilation and Hyercapnic Ventilatory Responses

The involvement of 5-HT neurons in CO, chemosensitivity was investigated. This is of interest as a number of SIDS cases report dysfunction in the 5-HT system. Since SIDS occurs primarily during sleep, the project focused on the interaction between 5-HT and hypocretinergic systems, as hypocretins play roles in arousal and chemosensitivity.

Major Professor: Dr. Michael B. Harris

Michel dos Santos Mesquita **

Atmospheric Sciences Ph.D.

B.A., Federal University of Pelotas (Brazil), 1999. M.A., University of Bergen (Norway), 2006

Thesis: Characteristics and Variability of Storm Tracks in the North Pacific.

Bering Sea and Alaska

Storm activity in the North Pacific, Bering Sea and Alaska regions was investigated using automated storm-tracking algorithms. Climatological details of storm activity and sea ice variability are presented. A synoptic-scale severe storm event is considered in the context of how different algorithms depict it.

Major Professor: Dr. David E. Atkinson

Christopher Thomas Fallen

Ph.D. **Space Physics**

B.S., Fort Lewis College (Colorado), 2000. M.A., University of Kansas, 2004

Thesis: Applications of a Time-Dependent Polar Ionosphere Model for Radio **Modification Experiments**

Experiments were conducted with high-power radio-waves to heat the electrons in the Earth's ionosphere. Heating changes the ionospheric structure and induces optical emissions. A numerical computer simulation was developed that incorporates the physics and chemistry of the atmosphere to understand the observed effects and to predict new phenomena.

Major Professor: Dr. Brenton J. Watkins

Peter Paul Flaig

Ph.D. Geology

B.S., University of Wisconsin Milwaukee, 2002

Thesis: Depositional Environments of the Late Cretaceous (Maastrichtian) Dinosaur-Bearing Prince Creek Formation: Colville River Region, North Slope, Alaska

> The Prince Creek Formation contains meandering trunk channels, meandering and anastomosed distributary channels, splays, levees, lakes, ponds, swamps, paleosols and ash. Most deposition occurred on crevasse splay-complexes. Inclined hetrolithic stratification suggests tidal-influence. Cumulative/compound soils are similar to Entisols, Inceptisols, and acid sulfate soils. Dinosaur bones are preserved in hyperconcentrated flows.

Major Professor: Dr. Paul J. McCarthy

Matthew D. Gardine

Ph.D. Geophysics

B.S., Colorado School of Mines, 2005

Thesis: Tracing the Movement and Storage of Magma in the Crust Through Seismology: Examples from Alaska and Western Mexico

This study looked at the deep crustal velocity structure at Colima Volcano, Mexico, using seismic tomography; analyzed temporal seismic and stress regimes at Paricutin Volcano, Mexico, and studied the seismic and gas emissions at Fourpeaked Volcano, Alaska, to gain insight into interaction of magma with the crust beneath different volcanic systems.

Major Professor: Dr. Michael E. West

^{*} Summer degree recipient

John Craighhead George **

Ph.D. Biological Sciences: Wildlife Biology

B.S., Utah State University, 1976

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

B.S., University of Alaska Fairbanks, 2007

Thesis: Natural Compounds Isolated from Wild Alaska Bog Blueberries Intervene with Molecular Targets in Neuroinflammation

NADPH Oxidase (NOX) is a mediator of inflammation associated with pathologies of the nervous, cardiovascular and immune systems. Pharmaceutical interventions for NOX remain non-existent. These investigations revealed natural compounds in wild Alaska bog blueberries that inhibit NOX-mediated oxidative stress and protect neuronal health.

Major Professor: Dr. Thomas B. Kuhn

Max P. Kullberg

Ph.D. Biochemistry with an emphasis on Drug Delivery: Interdisciplinary Program

B.S., California Institute of Technology, 2000

Thesis: Targeting of Her-2 Overexpressing Breast Tumor Cells with Immunoliposomes

Overexpression of the growth receptor Her-2 occurs in 20 - 25 percent of breast tumors and is associated with an aggressive cancer. The goal of this research was to target Her-2 overexpressing tumor cells using immunoliposomes that encapsulate a cytotoxin. Selective delivery and killing of the breast tumor cells were demonstrated in vitro.

Major Professors: Dr. Jesse Owens Jr. and Dr. Thomas B. Kuhn

Hayley Christine Stover Lanier

Ph.D. Biological Sciences: Biology

B.S., University of Kansas, 2004

Thesis: Phylogeography, Ecogeographic Variation, and Evolutionary History of the Collared Pika (*Ochotona collaris*)

This project examined the evolutionary history, ecogeographic variation, and phylogeographic history (single species and comparative) of collared pikas (*Ochotona collaris*; Lagomorpha). Collared pikas exhibit lower within-species divergences, genetic variation, and morphological variation than other congeneric or codistributed mammals. They also show chronoecogeographic variation related to latitude, temperature and differential seasonal selection.

Major Professor: Dr. Link E. Olson

Dawn Robin Magness *

Biological Sciences: Wildlife Biology Ph.D.

B.S., University of Montana, 1995. M.S., Texas A&M University, 2003

Thesis: Managing the National Wildlife Refuge System with Climate Change:

The Interaction of Policy, Perceptions, and Ecological Knowledge The National Wildlife Refuge System is committed to conserving fish, wildlife and plants for current and future generations of Americans. This project explored how ecological context, policy, perceptions and available ecological knowledge inform climate change adaptation strategies on refuge lands.

Major Professor: Dr. Falk Huettmann

Colin Michael McGill

Biochemistry and Molecular Biology

B.S., University of Alaska Fairbanks, 2001. M.S., University of Alaska Fairbanks, 2005

Thesis: Biologically Relevant Secondary Metabolites of Vaccinium uliginosum: Bioassay-Directed Natural Products Identification of Anti-

Neuroinflammatory Agents in the Alaska Bog Blueberry

Dietary blueberry supplementation has demonstrated numerous health benefits including improved learning and memory in neurodegenerative models, neuroprotection from ischemic events, and anti-diabetic properties. Five antineuroinflammatory secondary metabolites of Vaccinium uliginosum, the Alaska bog blueberry, were isolated. The identification of these compounds provides insight as to the benefits of blueberry consumption.

Major Professor: Dr. Thomas P. Clausen

Victor S. Mikhailov **

Ph.D. Mathematics

B.S., St. Petersburg State University (Russia), 2000

Thesis: Control and Inverse Problems for One Dimensional Systems

The boundary controllability for the wave, heat and Schrodinger equations on a metric tree was proved. The inverse boundary problem for the in-plane motion of a tree-like network of elastic strings was solved. Inverse dynamical and spectral problems for the Schrodinger operator on the half line were also studied.

Major Professor: Dr. Sergei A. Avdonin

Anshul Pandya **

Biochemistry and Molecular Biology: Neuroscience Option

B.O., University of Pune (India), 1999

Thesis: Pharmacology of a Novel Class of Allosteric Modulators for the Alpha4 Beta2 Sub-Type of Neuronal Nicotinic Acetylcholine Receptors

This thesis describes the actions of synthetic Desformylfustrabromine on neuronal nicotinic acetylcholine receptors. Desformylflustrabromine and three of its chemical analogues are selective positive allosteric modulator of alpha4 beta2 receptors subtype versus the alpha7 receptors subtype. Desformylflustrabromine represents a new class of positive allosteric modulator for neuronal nicotinic acetylcholine receptors.

Major Professor: Dr. Marvin K. Schulte

^{*} Summer degree recipient

Daniel J. Rinella

Ph.D. **Biological Sciences: Biology**

B.S., Lake Superior State University (Michigan), 1996. M.S., Auburn University (Alabama), 2002

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. Optimizing measurements of MDN assimilation and effects will foster ecologically based resource management. This dissertation examines relationships among spawning salmon abundance, biochemical measures of MDN assimilation, and the fitness of stream-dwelling fishes.

Major Professor: Dr. Mark S. Wipfli

Debasmita Samaddar

Ph.D. Physics

B.S., University of Calcutta (India), 2001. M.S., University of Madras (India), 2003. M.S., University of Delaware, 2005

Thesis: Improved Modeling of Turbulent Transport: From Noise in Transport Models to the Parareal Algorithm Applied to Full Turbulence Codes In addition to improving the performance of a 1D transport model by the addition of noise, a new way of simulating turbulence has been presented, namely time-parallelization. Although counter-intuitive, time-parallelization, or the parareal algorithm, works successfully for such systems and ushers numerous opportunities for turbulence simulations.

Major Professor: Dr. David E. Newman

Todd Sformo **

Ph.D. **Biological Sciences: Biology**

B.A., John Carroll University (Ohio), 1986. M.A., State University New York at Buffalo, 1993. M.F.A., University of Alaska Fairbanks, 1995. M.S., University of Alaska Fairbanks, 2003

Thesis: Overwintering Physiology of Arctic and Subarctic Insects from Interior Alaska

> This dissertation focuses on the overwintering of insects from Interior Alaska: Elasmostethus interstinctus and Cucujus clavipes puniceus are freeze-avoiding and Exechia nugatoria is simultaneously freeze-avoiding and freeze-tolerant. The variability within the freeze-avoidance strategy itself is a key theme throughout this dissertation.

Major Professors: Dr. Brian M. Barnes and Dr. John Duman

Kalb Stevenson *

Ph.D. Biological Sciences: Zoology

B.S., University of Arizona, 2000. M.S., University of Arizona, 2003

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

B.E., University of Madras (India), 2001. M.S., Montana State University, 2004

Thesis: Role of Waves on the Circulation of the Arctic Middle Atmosphere:

Rayleigh Lidar Measurements and Analysis

Rayleigh lidar measurements have provided high-resolution temperature and density profiles of the stratosphere and mesosphere (~40-80 km) over Poker Flat Research Range, Chatanika, Alaska (65°N, 147°W). Using these measurements, the thermal structure of the stratosphere and mesosphere was documented and the role of small-scale gravity waves on the large scale meridional circulation was analyzed.

Major Professor: Dr. Richard L. Collins

Elizabeth Veenstra **

Ph.D. Geophysics

 $B.S., Wayne\ State\ University\ (Michigan),\ 1993.\ M.S.,\ University\ of\ Michigan\ -\ Ann\ Arbor,\ 1996$

Thesis: Crustal Thickness Variation in South Central Alaska: Results from Broadband Experiment Across the Alaska Range

Receiver function analysis of teleseismic waveforms reveal thin, less dense crust north of the Alaska Range (~26 km; 2700 kg/m³), thicker crust beneath the mountains (~35-45 km; 2830 kg/m³), sufficient root to isostatically support the topography, and evidence that the Denali and Hines Creek faults extend through the entire crust.

Major Professor: Dr. Douglas H. Christensen

^{*} Summer degree recipient



Gail Kazuko Kawakami-Schwarber

Counselor Education: Interdisciplinary Program

B.A., University of British Columbia (Canada), 1993. M.A., Alaska Pacific University, 2002

Thesis: Protective Factors Promoting Psychosocial Resilience in Biracial Youths This research conducted in Alaska explored psychosocial resilience in the rapidly growing biracial youth population. Specific protective factors promoting a healthy biracial identity development and resolution were identified. Results from this cutting-edge research may be integrated into appropriate prevention and intervention techniques for application by counselors, educators and

Major Professor: Dr. Allan A. Morotti

Roy F. Roehl II

Ph.D. **Education and Mathematics Standardized Test Scores: Interdisciplinary** Program

B.Ed., University of Alaska Fairbanks, 1993. M.Ed., University of Alaska Fairbanks, 1996 Thesis: Correlation Between Teacher Turnover Rates in the State of Alaska and

Standardized Test Scores in the Area of Mathematics on the Standards

Based Assessment/High School Qualifying Exam

This study utilized bivariate correlations, partial correlations, multivariate analysis including Hotelling-T, and observed power to investigate the possible correlations and connections of teacher turnover in Alaska's public school system to performance on the standards-based assessment of the Alaska High School Qualifying Exam.

Major Professor: Dr. Bryan Brayboy



SCHOOL OF FISHERIES AND OCEAN SCIENCES

Dr. Denis Wiesenburg, Dean

David C. Caroffino *

Ph.D. Fisheries

B.S., Lake Superior State University (Michigan), 2004. M.S., University of Minnesota - Twin Cities. 2006

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

B.S., University of Hamburg (Germany), 2003

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

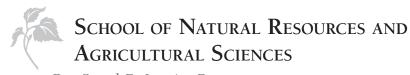
B.A., Ocean University of China, 1997. M.S., Ocean University of China, 2000

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

This thesis examined walleye pollock distribution in the eastern Bering Sea related to the fishery and physical environment at different temporal and spatial scales using fisheries acoustic data and observer data in the winter fishing season during 2002 – 2006.

Major Professor: Dr. Terrance J. Quinn II

Summer degree recipientDecember degree recipient



Dr. Carol E. Lewis, Dean

Chanda Leah Meek *

Ph.D. Natural Resources and Sustainability

B.S., Western Washington University, 1996. M.S., York University (Canada), 1999

Thesis: Comparing Marine Mammal Co-Management Regimes in Alaska: Three Aspects of Institutional Performance

This study compares the policy implementation process for managing bowhead whale and polar bear subsistence hunting in Alaska, focusing on how and why agency approaches to conservation differ. The analysis centers on three aspects of institutional performance that drive policy outcomes: historical events, organizational culture and relationships with stakeholders.

Major Professor: Dr. Gary P. Kofinas

Martha K. Raynolds *

Ph.D. Geobotany: Interdisciplinary Program

B.A., Dartmouth College (New Hampshire), 1978. M.S., Virginia Polytech State University, 1980

Thesis: A Geobotanical Analysis of Circumpolar Arctic Vegetation, Climate, and Substrate

Analysis of the circumpolar Arctic vegetation map (CAVM) with circumpolar data sets of a satellite vegetation index (NDVI) and environmental characteristics showed the importance of summer temperatures and landscape age in controlling the distribution of arctic vegetation. Results include maps and tables including original GIS layers of environmental characteristics (www.arcticatlas.org).

Major Professors: Dr. David L. Verblya and Dr. Donald A. Walker

DR. MARK A. BOX

PROFESSOR OF ENGLISH, EMERITUS

Dr. Mark A. Box has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1990 to 2010.

He has guided with grace and equanimity his students' inquiry into human understanding through careful study and consideration of literature and philosophy such that they reject sophistry and illusion for principled and rigorous thinking; and has been thrice rewarded for his classroom endeavors with the College of Liberal Arts Excellence in Teaching Award.

He has focused his research efforts on the eighteenth-century philosopher David Hume, and has become a leading authority on him; and whose book on Hume is highly regarded by scholars throughout the world, and has been quoted or cited in an impressive array of publications centered on Hume; and who has made further contributions to divers studies in religion, aesthetics and language in the seventeenth- and eighteenth-century context.

He has been a valued servant of his profession and the University; and whose careful analysis and collegial temper have benefited a range of individuals and organizations throughout the Department of English, the College of Liberal Arts, and the University; and has applied his intellect both formally and informally to editing or reviewing papers, articles and other scholarly works.

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

DR. GODWIN A. CHUKWU

PROFESSOR OF PETROLEUM ENGINEERING, EMERITUS

Dr. Godwin A. Chukwu has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1990 to 2010.

He has had a wide-ranging impact on two decades of students, introducing or developing no less than eight petroleum engineering courses; has shared his extensive expertise by mentoring and guiding dozens of graduate students; and was recognized by his students thrice as the Outstanding Faculty of the Year.

He has contributed significantly to the body of knowledge in a broad range of engineering and geological applications to hydrocarbon exploration, production and transportation, authoring scores of publications, papers and abstracts; and is internationally reputed for his innovative research in the area of non-Newtonian fluid hydraulics applied to oil-well drilling and production technology and hydrodynamics of gas-to-liquids transportation in pipes.

He has made significant contributions to the University as Chair of the Petroleum Engineering Department, and member and President of the Faculty Senate; by establishing the Petroleum Advisory Board to enhance interaction between the Department and industry; and his active involvement in professional organizations and conferences.

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

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.

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 advances in the University's biomedical research enterprise by creating and leading the National Science Foundation's Alaska EPSCoR program in 2000 and the National Institutes of Health's Alaska BRIN/INBRE program in 2001; and, after facilitating new faculty hires for these programs, continued to mentor them by helping them obtain funding for research, providing informal advice and showing an interest in their careers.

He is greatly admired as an accomplished scientist who led an ambitious research program to monitor avian influenza in waterfowl transiting the circumpolar North; and in so doing has directly mentored graduate and postdoctoral students; and has published numerous papers spanning cellular biology, insect physiology, immunology and disease ecology.

He has increased the University's outreach through EPSCoR's unique opportunity for rural high school students to participate in cutting-edge genetics research without leaving their high schools; and has further encouraged the efforts of talented rural high school students through an intensive summer course in which they conducted original genetics research in University labs, working directly with faculty.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. George M. Happ for his contributions to the State of Alaska and the University.

DR. WILLIAM D. HIBLER III

RESEARCH PROFESSOR OF SEA ICE PHYSICS, EMERITUS

Dr. William D. Hibler III has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1999 to 2009.

He has, through his example and encouragement of scientific rigor, mentored scores of students as they advanced to research careers; and has motivated and influenced a new generation of geophysical scientists of the highest caliber who are now engaged with significant and influential research programs of their own.

He is one of the world's pre-eminent sea ice scientists; and who has conducted pioneering research in the fields of ice dynamics modeling and observation which continues both to guide and challenge the international research community; and whose willingness to express honest and open opinions has furthered scientific growth in his field.

Dr. Hibler, as one of the original faculty members at the International Arctic Research Center, played a key role in engaging the scientists who provide the Center's intellectual substance and worldwide credibility; and whose service on search and promotion committees has helped shape the Center and related departments into a world-renowned research institution.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. William D. Hibler III for his contributions to the State of Alaska and the University.

MR. RONALD D. ILLINGWORTH

PROFESSOR OF ENGLISH AND DEVELOPMENTAL EDUCATION, EMERITUS

Mr. Ronald D. Illingworth has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1980 to 2010.

His commitment to higher education is marked by innovation and devotion to student success as evidenced by advising hundreds of students, many of whom were nontraditional, at-risk or on academic probation; and has received the Carol Feist Outstanding Advisor Award; and has taught thirty-six individual courses ranging from developmental courses to upper level postgraduate.

He has extensively researched the subject of developmental studies, including taking a sabbatical to acquire formal training to help at-risk students; and played a significant role in the formation of the Developmental Studies Department; and whose advocacy of and passion for distance education has resulted in the development of numerous academic programs that serve statewide interests.

He has served many years on the College of Rural and Community Development's academic council, where he was instrumental in developing six associate degree, seven certificate and several occupational endorsement programs; and has advocated strongly for access, fairness and consistency in academic programming; and, as a long-time member of the Faculty Senate, received the Faculty Senate Outstanding Senator of the Year Award.

The University of Alaska Fairbanks expresses its deep appreciation to Mr. Ronald D. Illingworth for his contributions to the State of Alaska and the University. 🙈

MR. STEVEN A. JACOBSON

PROFESSOR OF YUPIK ESKIMO, EMERITUS

Mr. Steven A. Jacobson has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1972 to 2010.

He has applied his vast knowledge of Eskimo linguistics to the teaching of countless students at the University of Alaska Fairbanks; and has through his enthusiasm and example inspired many of those students to undertake professional careers of their own, teaching Yupik or working with the language in other fields.

He is respected worldwide for his exemplary research; and has made significant contributions through the quality of his work in producing dictionaries and publications such as the *Yup'ik Eskimo Dictionary*, and *A Practical Grammar of the Central Alaskan Yup'ik Eskimo Language*; and has presented numerous papers and lectures at national and international conferences.

He is recognized for his invaluable contributions to the future and to the shared heritage of all Alaskans and for his dedication to the study and documentation of Eskimo linguistics, of which several languages are considered endangered; and has provided his expertise on several University committees; and whose prestigious work will long serve as invaluable records of Yupik languages.

The University of Alaska Fairbanks expresses its deep appreciation to Mr. Steven A. Jacobson for his contributions to the State of Alaska and the University.

DR. RONALD A. JOHNSON

PROFESSOR OF MECHANICAL AND ENVIRONMENTAL ENGINEERING, EMERITUS

Dr. Ronald A. Johnson has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1976 to 2009.

He taught numerous courses in mechanical and environmental engineering, developed instructional laboratories, and mentored many undergraduate and graduate students; and was well liked and respected by his students for his rigorous teaching and grading policies; and involved his students in conducting innovative research.

He has authored or co-authored more than seventy research articles in books, journals and conference proceedings covering a broad range of basic and applied engineering research, including fundamental fluid mechanics, fuel cells and indoor air quality; and whose excellent contributions to cold-regions research are well known and involve important northern issues such as water use and pollution.

His outstanding service record includes ten years as Chair of the Mechanical Engineering Department, two years as Director of the University's Energy Center and participation on many College and University committees and in professional societies; and has applied his expertise as an outside reviewer to many organizations throughout the Country.

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

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.

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 her contributions to the State of Alaska and the University.

DR. DIRK LUMMERZHEIM

RESEARCH PROFESSOR OF GEOPHYSICS, EMERITUS

Dr. Dirk Lummerzheim has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1989 to 2010.

He has been a vital member of the University's scientific community for more than two decades, as a graduate student, postdoctoral fellow and research professor; and has mentored ten doctoral students as their Committee Chair; and has further served on committees for no less than sixty-two doctoral students and twenty-two master's degree students.

He is acclaimed as a world leader in the study of the precipitation into the Earth's atmosphere of energetic particles, which manifest visibly as the aurora; and is recognized throughout the space physics research community for increasing understanding of auroral processes in the high-latitude ionosphere; and has authored or co-authored more than eighty-five publications and has presented his work at numerous national and international conferences.

He has received three National Aeronautics and Space Administration Group Achievement Awards for his contributions to major investigations; and has collaborated in experimental programs and theory investigations on a national and international level; and has served as Assistant Leader of the Geophysical Institute's Space Physics Research Group and served on a number of NASA working groups and advisory panels.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Dirk Lummerzheim for his contributions to the State of Alaska and the University.

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 research in Alaska history, which resulted in numerous published articles and conference presentations; and was co-editor for the publications An Alaskan Anthology: Interpreting the Past; and Interpreting Alaska's History: An Anthology.

She has served both the University and the community through her valued participation on numerous committees including the Alaska Historical Commission, the Alaska Historical Society and the Tanana-Yukon Historical Society; and served as a consultant on projects including those sponsored by the Alaska Humanities Forum and Alaska Native Foundation, Alaska Public Radio and Television, History Day, Tanana-Yukon Historical Society.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Mary Childers Mangusso for her contributions to the State of Alaska and the University.

DR. F. JOSEPH MARGRAF

Professor of Fisheries, Emeritus

Dr. F. Joseph Margraf has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1999 to 2010.

He has been a supportive and inspiring mentor to the University's students, shepherding twelve graduate students to completion of their degrees, with an additional eleven students currently in progress.

He is respected nationally as a perspicacious and prolific scientist in the study of freshwater and anadromous fishes, having spent portions of his career leading investigations at prominent research and academic organizations across the United States; and whose findings have been presented in more than forty-five peer-reviewed publications.

He has, during the course of his career, accumulated an outstanding record of service at the University, State and National levels, most notably serving in leadership roles with the American Fisheries Society, for which he has been awarded the prestigious American Fisheries Society's Meritorious Service Award.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. F. Joseph Margraf for his contributions to the State of Alaska and the University. 🗳

DR. HANS NIELSEN

PROFESSOR OF GEOPHYSICS, EMERITUS

Dr. Hans Nielsen has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1967 to 2010.

He has influenced three generations of atmospheric scientists by mentoring master's and doctoral degree students; and has spent thousands of hours in and out of the classroom enlightening proto-physicists of all ages and learning levels; and demonstrated a strong passion for teaching by helping reinvigorate the University's undergraduate astronomy program.

He has significantly advanced human understanding about the workings of the aurora borealis; and revolutionized the technology used to study atmospheric phenomena; and has designed instrumentation used in several space probes; and has since 1971 published on average four articles per year about his revolutionary atmospheric studies.

He has contributed to the University through faculty positions and roles in governance; and has also contributed to the Fairbanks community as a whole by readily communicating with media and taking part in many middle and secondary school science fairs; and has made further contributions to the scientific community by reviewing journal publications and evaluating the internal operations of national research programs.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Hans Nielsen for his contributions to the State of Alaska and the University.

DR. HENRY WICHMANN IR.

Professor of Accounting, Emeritus

Dr. Henry Wichmann Jr. has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1986 to 2009.

He ably taught nearly two dozen courses in key areas of the University's accounting program at both the undergraduate and graduate levels; and was known as a rigorous teacher who expected of his students a thorough mastery of often difficult subjects; and served as a valued advisor to student organizations within the School of Management.

Dr. Wichmann, over the course of his distinguished and prolific career, published many dozens of articles and papers; and gave presentations throughout the Nation and around the World; and has had his work recognized by several national research awards as well as an Outstanding Researcher of the Year Award from the School of Management; and as an advocate of the importance of research strongly encouraged other faculty members to pursue their own research opportunities.

He helped guide the development of junior faculty members through his well-considered mentorship; and was active at the University and within the greater Fairbanks community, serving variously as member, Chair or advisor to a variety of individuals, committees and organizations.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. Henry Wichmann Jr. for his contributions to the State of Alaska and the University.

HONORARY DOCTOR OF SCIENCE



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 in the field of mining, he likewise distinguishes his alma mater.

HONORARY DOCTOR OF SCIENCE



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 formation and implementation. He was similarly keen on reciprocating by sharing with Native communities the data and findings of the research to which they had contributed.

Dr. Brown has assembled an impressive number of professional papers and reports, and he is widely acknowledged as a scientist of the first order. His willingness to assume managerial responsibilities of scientific development deserves equal praise, and his zeal in bringing together experts in seemingly disparate fields to create new and highly successful endeavors has been warmly admired by many. Over nearly half a century of dedication, he has never lost sight of his own professional goals to conduct and support meaningful research, and to encourage others to take part in that work.

HONORARY DOCTOR OF HUMANE LETTERS



HONORED CULTURAL LEADER AND WISDOM BEARER

KANGRILNGUQ PAUL JOHN

Kangrilnguq Paul John is a cingumailria — 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 gasgiq, 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.

ACADEMIC TRADITIONS

GOWNS, HOODS AND MORTARBOARDS

Three types of black gowns may be distinguished in UAF's academic procession. Certificate, associate and baccalaureate gowns have long, pointed sleeves. Master's gowns have oblong sleeves with an arc cut away in the front. Doctoral gowns are faced with velvet and have bell-shaped sleeves with three bars of velvet.

UAF's master's and doctoral degree candidates will receive their hoods today, signifying they have gone beyond the bachelor's degree to a higher level of academic achievement. UAF's colors are blue and gold, and these colors line the inside of each hood. The velvet trim signifies the scholar's field of study: Master of Arts, white; Master of Business Administration, drab; Master of Education, light blue; Master of Engineering, orange; Master of Fine Arts, brown; Master of Science, yellow; and Doctor of Philosophy, dark blue.

The square Oxford cap, or mortarboard, is black and has a long tassel fastened to the middle of the top. Some colleges and universities use the soft beret, but the prevailing style of cap is the traditional mortarboard. For undergraduates receiving their first degree, the tassel is customarily worn on the right side and shifted to the left after receiving the diploma. At UAF, the black tassel is worn on the cap for all certificate, associate, baccalaureate and master's degrees, and gold tassels are worn for all doctoral degrees.

CHANCELLOR'S MEDALLION

The UAF chancellor's medallion signifies the authority vested in the chancellor. Fabricated in bronze by Judie Gumm of Ester, Alaska, in 1991, the chancellor's medallion depicts the University of Alaska seal featuring Mount McKinley, with the addition of a cluster of forget-me-nots — the state flower — at the bottom and a ribbon of aurora borealis across the sky. The medallion is held by a beaded neckpiece in a forget-me-not pattern made by Selina Alexander in the Koyukon Athabascan style.

University Mace

The grand marshal carries the University of Alaska mace in the commencement procession and places it in a stand on the stage during commencement ceremonies to signify the importance of the occasion. The mace was commissioned by the University of Alaska Alumni Association in honor of the university's 1967 Golden Anniversary and was created by UAF Professor Ron Senungetuk using silver, jade and rosewood. At the top of the mace, a disk in the center of two open orbs depicts the University of Alaska seal on one side and the Alaska state seal on the other.

Alaska Flag Song

Music by Elinor Dusenbury • Words by Marie Drake and Carol Beery Davis

(with a martial air)

Eight stars of gold on a field of blue, Alaska's flag
May it mean to you the blue of the sea, the ev'ning sky
The mountain lakes and the flow'rs nearby
The gold of the early sourdough's dreams
The precious gold of the hills and streams
The brilliant stars in the northern sky
The "Bear," the "Dipper" and shining high
The great North star with its steady light
O'er land and sea a beacon bright
Alaska's flag to Alaskans dear
The simple flag of a last frontier

A Native lad chose the Dipper's stars
For Alaska's flag that there be no bars
Among our culture. Let it be known
Through years the Native's past has grown.
To share life's treasures, hand in hand,
To keep Alaska our Great-Land;
We love the northern midnight sky,
The mountains, lakes, and streams nearby.
The great North Star with its steady light
Will guide all cultures, clear and bright,
With Alaska's flag to Alaskans dear,
The simple flag of the last frontier.



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UAF Marketing and Communications, May 2010