

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 2012 we celebrate 95 years of progress in higher education in Alaska.

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

CONGRATULATIONS!

UA PRESIDENT PATRICK K. GAMBLE

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COMMENCEMENT EXERCISES: MAY 13, 2012

ANDREW CASSEL (CLASS OF 2012) AND LUCAS ELLIOTT (CLASS OF 2009) WILL READ GRADUATES' NAMES AS THEY CROSS THE STAGE

PROCESSIONAL

GRAND MARCH (MND) (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NN) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)

FACULTY

Regent Freitag; President Gamble; Chancellor Rogers;
Provost Henrichs

Jim Dixon, *Class of 1990 & 1991*

Kirsten Hutchinson, *Class of 2012*
Walter Fourie, *Class of 2005 & 2012*

ENSEMBLE 64.8 (UAF PERCUSSION GROUP)
Director: Morris Palter

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

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.

Justin M. Cannon, College of Engineering
and Mines *orange and black chevron*
Sacha Dwyer, College of Liberal Arts *fuchsia and white*
Hailey Chacon, College of Natural Science
and Mathematics *golden yellow*
Ruth Osborne, College of Rural and

ACADEMIC DEGREE
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	Certificate
Gr. CERT	Graduate Certificate
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.	Master of Education
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.	Ph.D.

GRADUATION WITH HONORS

Associate and baccalaureate degree students who graduated with honors in August and December 2011 and candidates for graduation in May 2012 wear a gold honor cord. Cumulative grade point averages required for graduating with honors are:

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 graduation designation indicates completion of this program, which requires exceptional aptitude, academic performance and achievement in a challenging course of study. Honors students must complete 12 or 27 credits in specially designed courses and an honors capstone/senior thesis in their major. Students may also earn honors credits by studying abroad, through thesis credits, contracts, independent study agreements or through state, national or international internships. Graduating Honors Thesis Scholars have earned 12 honors credits and wear a long blue-trimmed and striped gold sash with a single blue and gold honor cord. University Honors Scholars have earned 27 honors credits and wear the same sash with a double blue and gold honor cord.

G

THE CLASS OF 2012

CERTIFICATES, ASSOCIATE, BACCALAUREATE AND MASTER'S DEGREES

BACCALAUREATE DEGREE

Lisa Mae Anders

B.S., Electrical Engineering: Computer
Engineering

David E. Apperson

B.S., Mechanical Engineering: Aerospace
Emphasis

Lyle Jordan Axelarris

magna cum laude, B.S., Civil Engineering

Jason William Bell

B.S., Electrical Engineering: Communications

Edward Charles Gabriel Bergeron

B.S., Mechanical Engineering

Patrizia Bolz

magna cum laude, B.S., Geological Engineering.

Steven M. Gieryic

cum laude, B.S., Petroleum Engineering

Amanda L. Green

cum laude, B.S., Civil Engineering

Russell W. Grieve **

B.S., Civil Engineering

Lin Gu

B.S., Petroleum Engineering

Kelsey Rose Hallford ,r (E)186)8@350256)76)146)5040104-256)8@JT11_1 Tf0.028 Tc -0.028 Tw 8 0

B.S., Mechanical Engineering

Justin Harvey

B.S., Computer Engineering

Jennifer Christine Holland **

summa cum laude, B.S., Civil Engineering

Adele Frances Hople

cum laude, B.S., Civil Engineering. Golden K(e)b7 0 0 2A(e)-12(r61 Tfl 490.007 Tc -0.007(, B)-*)30439(,)-3G8(e)-2(e r)18(e)-5(

* Summer degree recipient
** December degree recipient

Amy L. Steiner

B.S., Civil Engineering

Kyle Robert Teegardin

B.S., Electrical Engineering

Tadeusz Casimir Tomasic

BACCALAUREATE DEGREE

Aaron Albert Acevedo

B.A., History

Antonio D. Adlesperger **

B.A., Justice

Jessica Lynn Adlesperger

cum laude, B.A., Social Work

Keva Gay Alexander

B.A., Communication

Laverne L. Alexander

B.A., Social Work

Jessica Lynn Allard

B.A., English

Chloe Susanne Allen **

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

Taylor Marie Altenburg

B.A., Psychology

Ali Daniel Amhaz-Strickland **

magna cum laude, B.A., Philosophy; Political
Science.

* Summer degree recipient

** December degree recipient

Kelsey Ace Bearden

magna cum laude, B.A., Foreign Language:
Single Language: Spanish; Biological Sciences.
University Honors Scholar

Christopher Ray Behnke

B.A., Northern Studies

Sarah Jean Belmont

cum laude, B.A., Journalism: Broadcast
Journalism

Adeline Maria Bernal *

B.A., Psychology

Michael Stephanie Berrie

B.A., Art

Kendall Christine Bethune

B.A., Justice

Veronica Dale Bjorkman

B.A., English

Emily R. Blurton

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

Angelina Isabel Bolton

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

Jon-Kiefer Bowne **

B.A., Theatre: Design/Technical Theatre

Steven P. Bridwell **

B.A., English

Kimrah Nicha Brotherson **

B.A., Journalism: Broadcast Journalism

Abigail Darden Brown **

B.A., Linguistics

Heather Marie Bryant

Chelsea Rae Fillingim

B.A., Social Work. *Student Ambassador*

Carlo Emilio Finucci

B.A., Communication

William Morris Forsko

B.A., Philosophy

Kaitlan Elizabeth Fournier **

B.A., Justice

Rachel Marie Frame

magna cum laude, B.A., History; Foreign

Language: Single Language: German. *University*

Honors Scholar

Caleb Joseph Frazier

magna cum laude, B.A., English. *ROTC*

Commissioned Cadet

Matt Ray Freel **

B.A., Japanese Studies

Danah Elizabeth Frey

B.A., Social Work

Kathleen Anne Frost **

cum laude, B.A., Psychology

Raymond Escobar Ganacias

B.A., Communication. *ROTC Commissioned Cadet*

* *Summer degree recipient*

** *December degree recipient*

Joel D. Isaak

B.F.A., Art: Sculpture

Yasunari Izaki

summa cum laude, B.F.A., Art: Sculpture. *Golden Key Honor Society. Phi Kappa Phi Honor Society*

Dustin Earl James

B.T., Interdisciplinary Studies: General Studies

Lora Lee Janneck **

B.A., Art

Eric C. Johnson **

B.A., Japanese Studies. *Golden Key Honor Society*

Gabrielle Monique Johnson **

B.A., Art

Leif William Johnson **

B.A., Sociology

Max J. Johnson

B.A., Political Science

Erica Joyce

magna cum laude, B.A., English

Jared K. Karr

B.A., Justice

Brianne Alessandra Kimberlin

B.A., History

Rajeeyah Lashawn King

B.A., Psychology

Robert Charles Kinnard III

B.A., Justice. *Leadership Distinction*

John Taylor Kirkland **

B.A., English

Joseph Klecka

B.A., Journalism: Broadcast Journalism

Lindsey Lorene Jane Kline

B.A., History of Art: Interdisciplinary Program

Amy Elizabeth Knight

B.A., Anthropology

James Michael Koepfel

B.A., English

Kathryn C. Koerner *

B.A., Psychology

Monica Elzbieta Kunat

B.A., Political Science

Emily Renee Kurpuweit

B.A., Art

JoAnna Marie LaBelle **

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

Danielle Franesca Lafon *

B.A., Social Work

Molly Maqpee Lane

B.A., Journalism: News-Editorial

Wendy Jo Langton

cum laude, B.A., Psychology

Steven Alexander Laszloffy

B.A., Art

Qian Li

B.A., Journalism: Broadcast Journalism

Amanda Kay Lindholm

B.A., Social Work

Kelly Allison Lowry **

summa cum laude, B.A., Art

Aftan LeeAnn Lynch

B.A., Interdisciplinary Studies: General Studies

Klara Roselynn Maisch

cum laude, B.F.A., Art: Printmaking

Jesse William Manchester **

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

Jacob Albert Mannix

B.A., Justice

Arthur Ivan Martin

B.A., Political Science

David P. Matheny

B.A., Political Science

Kelly Rose McCarthy

B.F.A., Art: Painting

Ben J. McDaniel

B.A., History; Communication

Kayley E. McDevitt **

B.A., Justice

Andrea Christine McLaughlin

B.A., Psychology

Jennie Lynn McLean **

B.A., Interdisciplinary Studies: General Studies

Alfred D. Mendoza Jr *

B.A., Art

Victoria Lane Middelstadt

cum laude, B.A., Journalism: Photojournalism

Lindsey Raven Miller

cum laude, B.A., Foreign Language: Single Language: Spanish

Bruce Anthony Benjamin Molnia

B.A., Philosophy

Jordyn Elizabeth Montgomery

summa cum laude, B.A., Psychology

Peter James Moore **

B.A., Justice

Kathleen S. Nava

B.A., Women and Gender Studies: Interdisciplinary Program

Holly Nicole Neal **

B.A., Social Work

Catelyn Amanda Neason

B.A., Psychology

Joshua Thomas OBrien *

B.A., Political Science

Erik Gardiner Ofelt *

B.A., English

Emma Irene Olanna

cum laude, B.A., Social Work

Heather Marie Olson

cum laude

Travis M. Payton

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

Mackenzie Renee Jung Ah Peeler

B.A., Psychology

William Robert Pendleton

B.A., History; Political Science

Lisa Jo Pennoyer

B.A., Social Work

Jessica Anne Peterson

B.A., Social Work

Kimberly A. Plante

cum laude, B.A., Social Work. *Phi Kappa Phi Honor Society*

Melishsa Ann Prine

B.A., Rural Behavior Health: Interdisciplinary Program

Cory Hamilton Pringle

B.A., Interdisciplinary Studies: General Studies

Eric Dean Prowker

B.F.A., Art: Sculpture

John Eric Fronias Quiliza

magna cum laude, B.A., Journalism: Broadcast Journalism

Carol M. Randall

B.A., Interdisciplinary Studies: General Studies

Derick Allen Rhodes

B.A., Psychology

Keane Sky Richards

B.A., Political Science. *University Honors Scholar*

Michelle Bernadette Risse *

magna cum laude, B.A., Psychology

Matthew Johnson Robinson

cum laude, B.A., History. *Golden Key Honor Society*

Jordan E. Rodgers **

B.A., Social Work

Angelo Norberto Rolando **

B.S., Anthropology

Mindy Mae Ruehling

B.A., East Asian Studies: Interdisciplinary Program

Omar Rutledge

cum laude, B.S., Psychology

Ginger L. Ryan **

B.A., Interdisciplinary Studies: General Studies

Katia Victoria Salazar

B.A., Justice

Jonathan Clark Sallows

cum laude, B.A., English

Veronica Angelica Samaniego *

B.A., Psychology

Larina Marie Santos

B.A., Social Work

Dustin James Sather **

B.A., Communication

Rachel Gertrude Saylor *

B.A., Journalism: Photojournalism

Eric W. Schaetzle

B.A., Philosophy

Madeline Amber Scholl **

B.A., Music

Shalom K. Schrader *

cum laude, B.A., English

Jeremia Lucas Schrock

B.A., History

* Summer degree recipient

** December degree recipient

Tonya Louise Uptegraft

B.A., English

Carly J. Varness

magna cum laude, B.A., Anthropology

Amber J. Vinegar

Miriam L. Braun **

B.S., Geology

Kyra Ann Brown

B.S., Chemistry: Forensic Chemistry

Kelcy Noelle Brunner

B.S., Applied Physics: Atmospheric Physics

Alesha Mae Castner

cum laude, B.S., Chemistry

Kayla Michelle Chardon

B.S., Wildlife Biology and Conservation

Mark T. Chase

magna cum laude, B.A., Mathematics. *Golden Key
Honor Society*

Alyssa Luvena Crawford

B.S., Biological Sciences

John Joseph Curran **

B.S., Mathematics

Jayne Sue Currie **

cum laude, B.A., Biological Sciences

Samantha Kelsey Davis

cum laude, B.S., Geology

Kit Dalton Dawson **

magna cum laude, B.S., Applied Physics. *Phi Kappa*

Megan G. Richards

cum laude, B.S., Physics; Mathematics. *University Honors Scholar. Golden Key Honor Society*

Sayde Kay Ridling

cum laude, B.S., Biological Sciences

Jordan Charles Ross

B.S., Chemistry: Biochemistry/Molecular Biology

Catherine Elizabeth Rubin

magna cum laude, B.S., Wildlife Biology. *Honors Thesis Scholar*

Jenna Celine Schmidt

cum laude, B.S., Biological Sciences. *University Honors Scholar. Leadership Distinction*

Timothy Paul Sharp **

cum laude, B.S., Wildlife Biology

Shona R. Snater

B.S., Wildlife Biology

Kristen Michelle Sparling **

B.A., Biological Sciences

Ethan Stewart Stephens

B.A., Biological Sciences

Elias Sanford Sturm

B.S., Biological Sciences

Nicholas Bryant Traxler **

B.S., Geology

James Riley Ward

B.S., Biological Sciences

Levi J. Wegner **

B.S., Biological Sciences

Enzo Erik Wendler

cum laude, B.S., Physics; Mathematics

Andrew Thomas Winkelman

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

Grant McCoy Wright **

B.S., Chemistry: Biochemistry/Molecular Biology

Carrie Lynn Yardley

B.S., Geology

GRADUATE CERTIFICATE

Jennifer K. Roach **

Gr. CERT, Statistics

APRIL DEGREE

Spencer D. Audie

M.S., Biology. *Golden Key Honor Society.*

* Summer degree recipient

** December degree recipient

Jozef Alexander Slowik *

M.S., Biology. *B.S., Metro State College of Denver (Colorado), 2001.*

Lisa K. Smith

M.S., Molecular Mechanisms of Infectious Disease: Interdisciplinary Program. *B.S., University of Alaska Fairbanks, 2008.*

Srikamal Jaganraj Soundararajan

M.S., Physics. *B.S., University of Madras (India), 2003; M.S., Bharathidasan University (India), 2005.*

Kevin P. Stack

M.S., Geology: General Geology. *B.S., University of Wisconsin Oshkosh, 2008.*

Jean Kirsten Karns Talbot **

M.S., Atmospheric Sciences. *B.A.S., Lewis and Clark College (Oregon), 2007.*

Joel D. Vonnahme **

M.A., Chemistry. *B.S., University of Alaska Fairbanks, 2008.*

Ashley N. Wallace

M.S., Environmental Chemistry. *B.S., Millersville University (Pennsylvania), 2008.*

Patrick Dylan Wallace

M.S., Physics.

Tamara Lynn Grass **

Community and Technical College, CERT, Health Care Reimbursement

Sugar Ray Greist

Interior-Aleutians Campus, CERT, Construction Trades Technology

Crystal Ann Gumlickpuk

Bristol Bay Campus, CERT, Community Health

Melissa Gayle Hacker

Community and Technical College, CERT, Diesel/Heavy Equipment

Lorna C. Hale

Interior-Aleutians Campus, CERT, Rural Human Services

Rachel Vivian Hanft **

Interior-Aleutians Campus, CERT, Rural Human Services

Shannon Elyse Haywood *

Community and Technical College, CERT, Applied Business Management

Nicole Dawn Hoblet

Interior-Aleutians Campus, CERT, Rural Human Services

Kendra C. Hoffman

Kuskokwim Campus, CERT, Rural Human Services

Tracy M. Horn

Kuskokwim Campus, CERT, Rural Human Services

Constance Lee Huizenga

Community and Technical College, CERT, Safety, Health and Environmental Awareness Technology

Angela Loretta Hutwagner

Community and Technical College, CERT, Pre-Nursing Qualifications

Ruth B. Ingalrea

Kuskokwim Campus, CERT, Rural Human Services

Leanna Kaligtok Isaac

Kuskokwim Campus, CERT, Rural Human Services

Anthony J. Jackson

Community and Technical College, CERT, Power Generation

Michael B. Jackson

Kuskokwim Campus, CERT, Rural Human Services

Jon L. James

Interior-Aleutians Campus, CERT, Rural Human Services

Jeremy W. Jeffries

Bristol Bay Campus, CERT, Community Health

George Alexander Jensen

Community and Technical College, CERT, Diesel/Heavy Equipment

Lee Joe Jr **

Interior-Aleutians Campus, CERT, Construction Trades Technology

Amy J. Johnson **

Community and Technical College, CERT, Safety, Health and Environmental Awareness Technology

Maronda Sue Johnson *

Community and Technical College, CERT, Dental Assistant

Ulyius L. Johnson

Interior-Aleutians Campus, CERT, Rural Human Services

Megan Ann Jones

Community and Technical College, CERT, Accounting Technician

Mitchell Andrew Jones **

Community and Technical College, CERT, Airframe and Powerplant

Stacey Chong Jones

Community and Technical College, CERT, Health Care Reimbursement

Sarah Iris Jowers

Community and Technical College, CERT, Accounting Technician

Toni Marie Kadish *

Community and Technical College, CERT, Medical Assistant

Julie Marie Kaiser

Interior-Aleutians Campus, CERT, Rural Human Services

Marie Teresa Katcheak **

Northwest Campus, CERT, High Latitude Range Management

Adina Maria Keirn

Community and Technical College, CERT, Drafting Technology: Civil Drafting

Virginia Pearl Kelly

Kuskokwim Campus, CERT, Rural Human Services

Noel Analese Kitselman

Community and Technical College, CERT, Medical Assistant

Justine Jason Klein **

Community and Technical College, CERT, Pre-Nursing Qualifications

Scott Richard Kranenburg **

Interior-Aleutians Campus, CERT, Construction Trades Technology

Johanna Rose Kukes

Interior-Aleutians Campus, CERT, Community Health

Sherry Ann Kulukhon

Interior-Aleutians Campus, CERT, Rural Human Services

Jessica Lynn Martin

*Community and Technical College, CERT,
Accounting Technician*

Kathleen Migan Mathers **

*Community and Technical College, CERT, Applied
Business Management: Computer Applications*

Maureen A. Mayo

*Community and Technical College, CERT, Applied
Business Management: Human Resources*

Janet Elaine McDaris

*Community and Technical College, CERT, Applied
Business Management: Office Administration*

John D. McDermott **

*Community and Technical College, CERT, Airframe
and Powerplant*

Jessica Yvonne McGinty **

*Interior-Aleutians Campus, CERT, Community
Health*

Michele A. McLean-Rose *

Bristol Bay Campus, CERT, Environmental Studies

Nicole Elizabeth McWhirter

*Community and Technical College, CERT, Medical/
Dental Reception*

Danielle Angilaq Mendenhall

Kuskokwim Campus, CERT, Rural Human Services

Kyle William Miller

*Community and Technical College, CERT, Diesel/
Heavy Equipment*

Franklin P. Murphy

Kuskokwim Campus, CERT, Rural Human Services

Lisa Mary Murray

*Community and Technical College, CERT,
Accounting Technician*

Chad Brett Nanouk

*Community and Technical College, CERT, Diesel/
Heavy Equipment*

Paula M. Napoka

Kuskokwim Campus, CERT, Community Health

Thomas Neil Nayokpuk

Bristol Bay Campus, CERT, Community Health

Sidney Daniel Nelson **

Bristol Bay Campus, CERT, Environmental Studies

Amanda Joline Nethken

*Community and Technical College, CERT, Health
Care Reimbursement*

Amanda Joline Nethken

*Community and Technical College, CERT, Medical/
Dental Reception*

Amanda Joline Nethken

*Community and Technical College, CERT, Medical
Assistant*

Suzann R. Nicolai

*Community and Technical College, CERT,
Accounting Technician*

Natasha Monique Nielsen

*Community and Technical College, CERT, Pre-
Nursing Qualifications*

Antonio Norsworthy **

*Community and Technical College, CERT, Drafting
Technology: Architectural Drafting*

Donna Marie Northway **

*Interior-Aleutians Campus, CERT, Educator: Para-
Professional*

Jessica June Nottingham

*Community and Technical College, CERT, Health
Care Reimbursement*

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* Summer degree recipient

** December degree recipient

Garrett Joseph Burgett

*Community and Technical College, A.A.S., Process
Technology*

Agrita Butterfoss *

Community and Technical College, cum laude, A.A.

Nathan Allen Carey

*Community and Technical College, A.A.S.,
Emergency Services*

Norman C. Carlo Jr **

*Community and Technical College, A.A.S., Process
Technology*

Carolyn Lucy Cason

*Community and Technical College, A.A.S., Human
Services: Behavioral Health*

Tod Alan Chambers

*Community and Technical College, cum laude,
A.A.S., Emergency Services*

Amber Dawn Champagne **

*Community and Technical College, A.A.S., Applied
Business: Computer Applications*

Eric Wayne Chandler **

*Community and Technical College, A.A.S., Process
Technology*

William E. Fox

Community and Technical College, A.A.S., Drafting Technology

Tisheena Katie Frank

Community and Technical College, A.A.

Karesa Louise Fraser

Community and Technical College, A.A.S., Applied Accounting

Savanna Lee Frederick

Community and Technical College, A.A.S., Medical Assistant

Courtney Danae Freel

Community and Technical College, A.A.S., Applied Business: Finance

Travis Luc Fricks-Culbreath

Community and Technical College, cum laude, A.A.S., Culinary Arts

Joshua J. Fritts *

Community and Technical College, A.A.S., Emergency Services: Emergency Medical Services

Jay Michael Fulk *

Community and Technical College, A.A.S., Applied Business: Finance

Marilyn Kathryn Fye

Community and Technical College, cum laude, A.A.S., Construction Management. Golden Key Honor Society

Jennifer Marie Gamerdinger

Community and Technical College, A.A.S., Paralegal Studies

Christina Lynn Gasparini

Community and Technical College, A.A.S., Medical Assistant

Desiree Erika Gauges

Community and Technical College, A.A.S., Paralegal Studies

Audre Marie Gifford

Kuskokwim Campus, A.A.S., Human Services with Rural Health Services Certificate: Addictions Counseling

Derek Rene Gilbertson *

Community and Technical College, A.A.S., Construction Management

Carmill Ann Goldsberry

Community and Technical College, A.A.S., Applied Business: Management

Wilson Sam Green

Kuskokwim Campus, A.A.S., Human Services with Rural Health Services Certificate: Addictions Counseling

Barrie J. Greenfield

Community and Technical College, cum laude, A.A.

Kelsey Lynn Greenup

Community and Technical College, A.A.

Delores Jane Gregory

Community and Technical College, A.A.

Marlies Nicole Guest **

Community and Technical College, A.A.S., Paralegal Studies

Christie Brock Hampton

Community and Technical College, magna cum laude, A.A.S., Paralegal Studies

Elona Hanson **

Community and Technical College, A.A.S., Medical Assistant

Vernon P. Harling

Community and Technical College, A.A.S., Human Services: Interdisciplinary Concentration

Ada L. Hawkins **

Community and Technical College, magna cum laude, A.A.S., Applied Accounting

Courtney Goins Hawks

Community and Technical College, A.A.

Shannon Elyse Haywood *

Community and Technical College, magna cum laude, A.A.S., Applied Business

Christina Ann Elizabeth Heaps

Interior-Aleutians Campus, A.A.S., Human Services with Rural Health Services Certificate: Addictions Counseling

Alex Deputy Helsell *

Community and Technical College, A.A.S., Aviation Maintenance

Mary J. Hill *

Kuskokwim Campus, A.A.S., Human Services with Rural Health Services Certificate: Addictions Counseling

Jimi H. Hochstetler **

Community and Technical College, A.A.

Crystal Doreen Maver Hoffman

Kuskokwim Campus, A.A.

Nicholas David Hoffmann

Community and Technical College, A.A.

Steffanee Ann Holt *

Community and Technical College, A.A.

Jessica Jo Huf

A.A.S., Renewable Resources

Aimee Jeannette Hughes

Community and Technical College, A.A.S., Apprenticeship Technology

Tobias Humphrey **

Community and Technical College, magna cum laude, A.A.S., Applied Accounting

Violet M. Huntington **

Community and Technical College, A.A.S., Applied Business: Administrative Management

Joneva Krystal Huwe

Community and Technical College, A.A.

Kathryn Mary Ishnook **

Bristol Bay Campus, A.A.S., Applied Accounting

Anthony J. Jackson

Community and Technical College, magna cum laude, A.A.S., Process Technology

Jamie Teresa James

Community and Technical College, A.A.S., Applied Accounting

Jason DeVon Johnson

Chukchi Campus, A.A.

Pamela Lynn Jones

Community and Technical College, A.A.

* Summer degree recipient

** December degree recipient

Rebecka Anne Jones **

*Community and Technical College, A.A.S., Applied
Business: Applied Management*

Samantha Nicole Jones

Interior-Aleutians Campus, A.S.

Katrina Elizabeth Miller **

*Community and Technical College, cum laude,
A.A.S., Applied Business: Entrepreneurship*

Davin Clifford Mitchell

*Community and Technical College, A.A.S.,
Professional Piloting*

Benjamin R. Moore

*Community and Technical College, A.A.S.,
Emergency Services: Emergency Medical Services*

Melissa Susan Moore **

*Community and Technical College, A.A.S., Applied
Sociology*

Jason Stephen Morgan **

Interior-Aleutians Campus, A.S.

Patty E. Mulcare

*Community and Technical College, summa cum
laude, A.A.S., Applied Accounting*

Bruce Ryan Nelson

Interior-Aleutians Campus, A.A.S.) - 3 (93 / T 1 (i [(C 93 (, 2 2 (m) - 6 0 1 s)

Sarah N pple

* Summer degree recipient

** December degree recipient

Jeremy L. Wegner **

Community and Technical College, summa cum laude, A.A.S., Applied Business: Human Resources

Stefan Gabriel Weingarth

Community and Technical College, magna cum laude, A.A.S., Process Technology

Ian David Weir **

Community and Technical College, A.A.

Angela Dawn Wheeler

Community and Technical College, A.A.

James P. Williamson

Community and Technical College, A.A.S., Information Technology Specialist: Computer Technology Support

Amy Michele Hatfield Wilson **

Community and Technical College, A.A.

Mark Dennis Wojcinski

Community and Technical College, A.A.

Sarah Renee Wood

Community and Technical College, A.A.

Danielle Renee Woodard **

Interior-Aleutians Campus, A.S.

Kala Marie Workman

Community and Technical College, A.A.S., Emergency Services: Emergency Medical Services

Georgia Louisa Young **

Community and Technical College, cum laude, A.A.S., Paralegal Studies

Paul Donald Young Jr **

Community and Technical College, A.A.S., Emergency Services: Municipal Fire Control

Hongkai Zhang *

Community and Technical College, A.A.S., Applied Accounting

Donald Fredric Zigga **

Community and Technical College, A.A.S., Applied Business

William D. Zimmer

Community and Technical College, A.A.S., Paralegal Studies

BACCALA  E DEGREE

Virginia Ruth Baim

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* Summer degree recipient

** December degree recipient

SCHOOL OF E

Mia R. Peterburs

Gr. CERT, Elementary Education

Rafael Ramirez-Ruiz

Gr. CERT, Teaching Credential-Secondary Education

Peter James Leroy Reed

Gr. CERT, Secondary Education

Peter James Leroy Reed

Gr. CERT, Secondary Education

Leah Denise Sansone

Gr. CERT, Post-Baccalaureate K-12 Special Education Licensure

Sarah N. States

Gr. CERT, Secondary Education

Meagan Joy Sykes

Francine Renee Kazenoff

M.Ed., Education: Secondary Education. *Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2002.*

Elizabeth Ann Keech

M.Ed., Counseling: Community Counseling. *B.A., Colgate University (New York), 1998.*

Song Hui Kim

M.Ed., Education: Secondary Education. *B.A., University of Washington, 2009.*

Virginia Rose Tschanz Kinne

M.Ed., Counseling: School Counseling K-12. *B.A., University of Alaska Fairbanks, 2005.*

Alexandra Elizabeth Lower

M.Ed., Education: Secondary Education. *B.A., University of Alaska Anchorage, 2009.*

Kenneth J. Mach **

M.Ed., Education: Secondary Education. *B.A., Drake University (Iowa), 2000.*

Eugenia Alejandra Merrifield *

M.Ed., Education: Secondary Education. *B.A., University of California Berkeley, 1991.*

Kalea Marie Myers

M.Ed., Education: Secondary Education. *B.A., University of Alaska Anchorage, 2006.*

Misty Dawn Nelson

M.Ed., Education: Cross-Cultural Education. *Phi Kappa Phi Honor Soci2 1 Tf 1 Tf 1 Tf 1 2T1-6(1 2T1-6(1 2) -6(f A)-19(l)-14(a)-36(sk)-23(a F)7(a)-13(i)5(r)-10(b)-8(a)-13(n)-10*

University of Alaska Anchorage, 2006.
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University of Alaska Anchorage, 2006.
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SCHOOL OF FISHERIES AND OCEAN SCIENCES

Dr. Michael A. Castellini, Dean

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SCHOOL



SCHOOL OF NATURAL RESOURCES AND AGRICULTURAL SCIENCES

Dr. Carol E. Lewis, Dean

THE CLASS OF 2012

DOCTOR OF PHILOSOPHY DEGREES



COLLEGE OF ENGINEERING AND MINES

Dr. Douglas J. Goering, Dean

Walter Johannes Fourie **

Zhenhua Rui **

Ph.D. Energy and Mineral Engineering Management: Interdisciplinary Program

B.S., Nanjing Normal University (People's Republic of China), 2004; M.S., University of Alaska Fairbanks, 2009; M.B.A. University of Alaska Fairbanks, 2011.

This study analyzes historical cost data of 412 pipelines and 220 compressor stations in terms of various parameters to provide a reference for the pipeline industry. On the basis of this analysis, the study also evaluates the feasibility of an Alaska in-state gas pipeline using Monte Carlo simulation techniques.



COLLEGE OF LIBERAL ARTS

r. Anita Hartmann, Acting Dean

* Summer degree recipient

** December degree recipient

Valerie M. Gifford

Ph.D. Clinical-Community Psychology

*(Awarded jointly by the University of Alaska Fairbanks and the University of Alaska Anchorage)
B.A., University of Alaska Fairbanks, 1997; M.S.W., Yeshiva University (New York), 2001.*

C

Jessica Anne Coltrane

Ph.D. Biological Sciences: Wildlife Biology

B.S., Davidson College (North Carolina), 1994; M.S., University of Florida, 1998.

Thesis Title: *Energy Allocation and Life History of the North American Porcupine*

Advisor: *Al*

Captive and field studies were conducted to determine the physiological and ecological adaptations of the North American porcupine (*Erethizon dorsatum*) to winter in Alaska. Porcupines were able to efficiently digest low quality forage and conserve energy by maintaining low field metabolic rates, while utilizing fat stores to conserve lean tissue.

Keywords: *Energy Allocation, B, z, Life History, Alaska*

Maegan M. Daniello-Weltzin *

Ph.D. Biochemistry/Molecular Biology

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

Thesis Title: *Allosteric Modulation of Neuronal Nicotinic Acetylcholine Receptors*

Advisor: *Allison L. Mattson*

Dysregulation of neuronal nicotinic acetylcholine receptors (nAChRs) can lead to pathologies including Alzheimer's disease, autism and nicotine addiction. New therapeutic avenues are positive allosteric modulators (PAMs). This thesis investigates the PAMs desformylflustrabromine and 4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid (HEPES) interactions with alpha7 and alpha4beta2 nAChRs. Discoveries will facilitate the development of therapeutic ligands.

Keywords: *Allosteric Modulation, nAChRs, PAMs, HEPES, desformylflustrabromine*

Matthew Langdon Drucshcshcs81p82895s 10€ 36(d29cs)T850(1030 9 5.940.4 348 702

Lola Kay Oliver

Ph.D. Geology

B.A., University of Alaska Fairbanks, 1969; M.S., University of Alaska Fairbanks, 1971.

Alaska Fairbanks, 1969; M.S., University of Alaska Fairbanks, 1971. Alaska Fairbanks, 1969; M.S., University of Alaska Fairbanks, 1971.

Chemical and isotopic analyses of pore water from permafrost cores taken from the dry lake bed of ancient Lake Atna in the Copper River Basin and from an upland loess deposit northeast of Fairbanks, Alaska, reveal information about the local past environments not available by other means.

Santosh Kumar Panda **

Ph.D. Geology

B.S., Sambalpur University (India), 2001; M.S., Indian Institute of Technology Roorkee (India), 2003.

The study employed a combination of field data and remote sensing techniques to generate a near-surface permafrost map for a part of the Alaska Highway corridor. It also modeled the effects of past and future changes in air temperature and winter snow precipitation on permafrost temperature and active-layer thickness.

Peter G. Rinkleff

Ph.D. Geology

B.S., Bemidji State University (Minnesota), 1996; M.S., New Mexico Institute of Mining and Technology, 1999.

A study of the chemistry and morphology of airborne ash collected from three

* Summer degree recipient
** December degree recipient

Maciej G. Śliwiński
Ph.D. Geology

Leandra de Sousa *

Ph.D. Oceanography: Biological

B.S., University of Sao Paulo (Brazil), 1997.

I investigated seasonal changes in seabird abundance and zooplankton biomass in the Gulf of Alaska from 1998-2003. Furthermore I investigated the association of seabird foraging guilds with oceanic and coastal domains. Lastly, I investigated climate related variability of zooplankton abundance in relation to water mass properties during May from 1998-2009.

Jason R. Gasper **

Ph.D. Fisheries

B.S., University of Alaska Southeast, 2002; M.S., University of Washington, 2004.

Spiny dogfish is a valuable commodity on the world market and has a global capture distribution. Results indicate that the dogfish market is adulterated, supplied by both sustainable and non-sustainable sources. Overcoming the loss of market share may require eco-labeling to inform consumers about sustainable dogfish stocks.

Peter-John Frederick Hulson

Ph.D. Fisheries

B.A., University of Pennsylvania, 2004; M.S., University of Alaska Fairbanks, 2007.

Dealing with uncertainties in mathematical models to estimate fish abundance has become a central focus at all levels of fisheries stock assessment and management. My goal in this dissertation was to uncover the layers of uncertainty in fishery models and provide guidance on how to include and evaluate uncertainty.

Mandy J. Keogh *

Ph.D. Marine Biology

B.S., Texas A&M University, 1999; M.S., San Diego State University (California), 2006.

There is increasing interest in the health of pinnipeds due to population declines and conservation concerns. This study assessed the "health" of animals by quantifying hormones associated with fat mass, lipid and water metabolism, and growth as well as leukocyte counts and in vitro proliferation of peripheral blood

* Summer degree recipient
** December degree recipient

Sara Elizabeth Miller *

Ph.D. Fisheries

B.A., University of Colorado Boulder, 2000; M.S., University of Alaska Fairbanks, 2007.

Ph.D. : 1 (Oncorhynchus gorbuscha) 1 11 1 ♣ 11 ♣

When stability was below average within Prince William Sound, the relationship between fish condition and survival was positive. Our findings were similar between the upwelling and downwelling domains, but differed by the distance offshore. Marine survival rates increased for pink salmon that experienced below-average stability on the inner shelf during early marine residence.

Ph.D. : ♣ 1 ♣ A

Dion Seth Oxman

Ph.D. Fisheries

B.S., California State University Long Beach, 1987; M.S., California State University Stanislaus, 1995.

Ph.D. : E 1 E ♣ 1 1 , 1 F , 11 ♣ 1 1 A , Al

The influences of incubation temperature and genetics on hatching time and development of otoliths and gill rakers were examined in native and hybrid pink salmon. Their development was influenced by temperature. Hatching had weak genetic influences. Otolith development was canalized. Hybridization prolonged development times but did not alter gill raker development.

Ph.D. : ♣ A

Tania Marie Spurkland **

Ph.D. Marine Biology

B.A., Western Washington State University, 1971; M.S., University of Alaska Anchorage, 1988.

Ph.D. : E 1 1 ♣ 1 B Al E

This study determined how changing environmental conditions due to glacial melting affect subarctic nearshore kelp bed community structure and organism fitness. Kelps showed some resilience to glacial melt stressors through phenotypic plasticity within a genetically fixed seasonal growth cycle, but overall community composition declined.

Ph.D. : ♣

Ashwin Sreenivasan **

Ph.D. Fisheries

B.S., Bangalore University (India), 1997; B.S., Florida Atlantic University, 2002.

... : I A (Gadus macrocephalus), II II (Theragra chalcogramma), (Clupea pallasii)

Nucleic acid ratios (RNA/DNA) were used to compare growth between fed and starved Pacific herring, and Pacific cod and walleye pollock larvae. Changes in herring RNA/DNA indicated terminal starvation and resource allocation. Colder temperatures increased RNA/DNA in cod and pollock. Cod nucleic acid patterns were used to identify growth stanzas.

... : * B II

Nathan Lord Stewart **

Ph.D. Marine Biology

B.A., Carleton College (Minnesota), 1996.

... : A I , I , I AI

Sea otters forage selectively in a variety of nearshore habitat types in Alaska. The focus of this dissertation was to examine the influence of benthic habitat complexity, prey quality, and predator avoidance on sea otter foraging site selection in populations inhabiting the Aleutian Islands and Lower Cook Inlet.

... : * B



SCHOOL OF NATURAL RESOURCES AND AGRICULTURAL SCIENCES

Dr. Carol E. Lewis, Dean

* Summer degree recipient

** December degree recipient

James Edward Powell

Ph.D. Natural Resources and Sustainability

B.A., Rochester Institute of Technology (New York), 1973; M.P.A., University of Alaska Southeast, 1994.

... : E l
A l

This study sought to identify the conditions for facilitating implementation and use of community sustainability indicator programs. Through an analysis of sustainability activities in sample cities across the United States and a case study of Juneau, Alaska, conditions for effective sustainability indicator implementation and use were discovered.

... : 4 .

Aiqin Zhao *

Ph.D. High Latitude Agriculture: Interdisciplinary Program

B.S., Shanxi Agricultural University (People's Republic of China), 2002; M.S., China Agricultural University, 2005.

... : A ... l z l
Al l

The study was to find suitable methods to predict potentially mineralizable organic N (PMN) for subarctic Alaska soils. Results showed that PMN in these soils can be estimated by a double exponential model with fixed rate constants and unknown pool size, hot (80° C) water extractable or 1 M NaOH hydrolysable organic N.

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EMERITI RECOGNITION

. L A A . A  E

DIRECTOR OF INTERIOR-ALEUTIANS CAMPUS, EMERITUS

Ms. Clara R. Anderson has served the University of Alaska Fairbanks with distinction from 1983 to 2012.

She has consistently provided high-quality educational service evidenced by exemplary connection and engagement with rural Alaska communities. With extraordinary dedication, she has championed educational success for Alaska Native students at UAF for nearly 30 years

She has been described by her colleagues as a visionary who dedicated heart and soul to the development of the Interior-Aleutians Campus. Under her leadership the campus developed numerous place-based, rural-focused degree programs to meet the needs of the students and communities IAC serves. She has demonstrated faithfulness to the University mission by successfully pursuing and receiving grant funding for several student-support projects such as the TRIO Upward Bound program.

She, throughout her career, has always believed strongly in the value of higher education to improve the lives of others, working indefatigably to fulfill her vision of self-sustaining and healthy rural communities.

EMERITI RECOGNITION

 . A. J. A. E
PROFESSOR OF FISHERIES, EMERITUS

Dr. A.J. Gharrett has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1976 to 2012.

He is an internationally recognized leader in his field of genetics, whose more than thirty years of research helped bring distinction to the University. His work has focused primarily on Alaska salmon and rockfish, and genetic markers within their populations. The results of these studies help guide fisheries management practices. In 2006 his excellence in research was recognized by the University when he received the prestigious Emil Usibelli Award for Research.

He has an exemplary record of producing well-prepared graduate students. He has been an integral member of the School of Fisheries and Ocean Sciences fisheries program since its inception, and has led an incredibly strong research and graduate mentoring program. His classes are demanding but invaluable to the students taking them, and his teaching is considered excellent by students and peers alike.

The culmination of one of the most outstanding service activities of his career was the construction of the UAF Lena Point Fisheries Facility in Juneau. Dr. Gharrett spent more than a decade working on various aspects of the project, serving as lead faculty member on the design and construction of the facility.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. A.J. Gharrett for his extensive contributions to both the State of Alaska and the University.

EMERITI RECOGNITION

DR. JOHN W. KELLER
PROFESSOR OF CHEMISTRY, EMERITUS

Dr. John W. Keller has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1979 to 2012.

He is an accomplished teacher and researcher. He was a founding member of the biochemistry and molecular biology program at the University, a program that has grown significantly since its inception in 1985. He has taught a broad range of classes, and his research program has attracted student participants from all levels, including high school students, undergraduate chemistry majors and graduate students.

His work as a researcher is revered. He has authored or co-authored twenty-four research articles related to organic chemistry in books and journals. His ability to combine the disciplines of organic chemistry and molecular biology was unique to the Department for many years.

He has a strong record of service to his Department, College and the University. He has served as Department Chair and made significant contributions to the promotion and tenure process at all levels of the University. He has been a shining example of professional leadership for many years. His commitment to high standards while maintaining a friendly and enthusiastic approach to science is highly valued by his colleagues and students alike.

The University of Alaska Fairbanks expresses its deep appreciation to Dr. John W. Keller for his extensive contributions to both the State of Alaska and the University. 🏆

EMERITI RECOGNITION

. DEBRA A E

ASSOCIATE PROFESSOR OF DEVELOPMENTAL MATHEMATICS, EMERITUS (POSTHUMOUS)

Ms. Debra Moses served the University of Alaska Fairbanks with distinction from 1997 to 2012.

She was an exceptional instructor, a knowledgeable advisor, and a generous and intellectual colleague. She was known as a strong and gentle soul whose kindness toward others, particularly students, will always be a part of her legacy at the University.

As an instructor, she was in turns demanding of and nurturing to her students. She was responsive to their individual needs while helping them understand the mathematical concepts they needed in order to advance. She had a love of her subject that motivated even the most reluctant student. She was not only a tireless instructor but a wise advisor, who took the time and attention to understand students' stories and help them identify and reach their goals. Her undergraduate advising twice earned her the Feist-Schamel Outstanding Faculty Advisor Award in 2007 and again in 2010.

She was also a professor of service. She served on multiple committees, giving her sage input and offering her voice of reason. She was outspoken in her support of students, especially of the underserved population at UAF, including nontraditional and developmental students.

The University of Alaska Fairbanks expresses its deep appreciation to Ms. Debra Moses for her extensive contributions to both the State of Alaska and the University.

EMERITI RECOGNITION

. LA . BE

ASSOCIATE PROFESSOR OF JUSTICE, EMERIT

CHAIR, NATIONAL ENDOWMENT FOR THE
HUMANITIES

JAMES A. LEACH

ARTIST AND EDUCATOR

DANIEL P. PIERCE

ADVOCATE, VISIONARY AND LEADER

H. ROBIN SAMUELSEN, JR.

Through his leadership and vision, H. Robin Samuelsen, Jr., has committed his personal life and career to

PATTY KASTELIC

Patty Kastelic has been an innovative and inspiring leader as a strong advocate and supporter of women's rights and causes, higher education, public broadcasting, and the arts. Over the years her numerous contributions to the University, the community of Fairbanks and the State of Alaska have been unparalleled.

Ms. Kastelic has devoted many hours working for women's rights and causes, including her involvement with the National Organization of Women and the Alaska Women's Lobby Steering Committee. She was the founding director of Women in Crisis Counseling-Assistance in Fairbanks, an organization that offers counseling and support for women who have encountered a variety of difficulties, including physical abuse.

Ms. Kastelic has worked in a variety of positions within the statewide University system, including as coordinator of student affairs at the University of Alaska Fairbanks, director of the UAF Women's Center, and executive director of human resources at UA statewide. She has remained dedicated to the University after her retirement. She championed the Ruth Lister Scholarship Fund, which provides financial assistance to single mothers attending UAF's Community and Technical College, and serves on the KUAC Leadership Council, the board of directors of the Georgeson Botanical Garden, and as a member of the UAF College of Fellows.

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ACADEMIC TRADITIONS

For centuries, pomp and circumstance have added color and dignity to the recognition of scholastic achievement. Modern academic dress evolved from caps and gowns worn in medieval universities, which were agencies of the church. Academic gowns distinguished university personnel from townspeople who also wore gowns for daily dress during that time. The costumes of doctors and lesser clerics were not as elaborate as those prescribed for officials, but they were distinctive nonetheless. Through the centuries, the traditional pageantry has not changed much. In ancient times, each individual scholar wore special colors, fur and fabrics, as did his students. Since the traditions began, however, official standards have been documented that allow the observer to identify more about the scholar.

GOWNS

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.

HOODS

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.

MORTARBOARDS

While you may not be able to identify the origins of each specific academic robe and hood appearing in today's commencement ceremony, you can reflect that from the certificate recipient in a simple black gown to the Doctor of Philosophy in a velvet trimmed robe and colorful hood, students and professors alike are paying homage to more than 700 years of academic tradition.

An academic legend tells of a wise old Greek who dressed his students in mason's sackcloth robes and mortarboards because "Their destiny is to build. Some will build cities; some will build lives — perhaps one of them will build an empire; but all will be builders on the solid foundation of knowledge."

CHANCELLOR'S MEDALLION

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



Alaska Flag Song © 1985 UA Foundation.

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