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

Graduation with Honors

Associate and baccalaureate degree students who graduated with honors in August

J ȳ ȳ *
B.S., Computer Science

G ˊı ȳ Cˊı
B.S., Civil Engineering

A ▮ ▮. ▮ ▮
B.S., Mechanical Engineering

J ȳ ˊı ▮ ▮
B.S., Mechanical Engineering

College of Liberal Arts

D . B C e , I . e Dea

Associate Degrees

M M. M
Kuskokwim Campus, cum laude, A.A.S., Yup'ik Language Proficiency

Baccalaureate Degrees

K N A
B.A., Justice

K G y A d
B.A., Communication

E E z A d
B.A., English. *Golden Key Honor Society*

M . A d
B.A., Journalism: News-Editorial

M O A d
B.A., Political Science

A y N A z
B.A., Journalism: Photojournalism

A y N A z
B.A., Justice

K L A
B.A., Psychology

y L. A
B.A., Justice

K A z
cum laude, B.M., Music: Music Education K-12

A L. A
B.A., Theatre

C L y Ay
Kuskokwim Campus, B.A., Yup'ik Language and Culture

E z M B
B.A., History

y M. B *
B.A., English

D J. B *
B.A., Japanese Studies

J B
B.A., Justice

C M K B
B.A., Foreign Language: Single Language: Spanish

B A d B y
cum laude, B.A., History

M y E. B y
B.S., Home Economics

J dy . B z
B.S., Psychology

D J. B
B.A., Foreign Language: Single Language: Spanish. *Student Ambassador*

M M N B
B.A., Social Work

L K. B
cum laude, B.A., Justice

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

J M B **
B.A., Justice

* *Summer degree recipient*
** *December degree recipient*

[illegible]
B.A., Sociology

[illegible]
B.A., English

[illegible]
B.A., Political Science

[illegible]
B.A., Psychology

[illegible]
B.A., Anthropology

[illegible]
B.A., Foreign Language: Single Language: Spanish

[illegible]
B.A., English

[illegible]
cum laude, B.A., Journalism: Broadcast Journalism

[illegible]
B.A., Anthropology

[illegible]
B.A., Social Work. *Phi Kappa Phi Honor Society*

[illegible]
Kuskokwim Campus, B.A., Yup'ik Language and Culture

[illegible]
B.A., Sociology

[illegible]
B.A., English

[illegible]
B.A., Psychology

[illegible]
B.A., Journalism: Photojournalism

[illegible]
B.A., Psychology

[illegible]
B.A., Psychology

[illegible]
B.A., Sociology

[illegible]
cum laude, B.A., Communication

[illegible]
cum laude, B.A., Political Science. *Leadership Distinction*

[illegible]
B.A., Communication

[illegible]
B.A., Psychology

[illegible]
B.A., Russian Studies

[illegible]
B.A., Art

[illegible]
B.A., Philosophy

[illegible]
B.A., Social Work

[illegible]
B.A., Sociology

[illegible]
magna cum laude, B.F.A., Art: Painting

[illegible]
B.F.A., Art: Sculpture

[illegible]
B.A., Psychology

[illegible]

E M G
cum laude, B.A., Psychology

G M. G **
B.A., Anthropology

C A. L. G
cum laude, B.A., Social Work

C D. G
magna cum laude, B.A., Justice

K. G
B.A., Theatre: Design/Technical Theatre

M J G
B.A., Justice

P L. G
B.A., Justice

Ad J. G
B.A., Theatre: Design/Technical Theatre

C L. G
B.A., Justice

A P G
B.A., Japanese Studies

P G d
B.A., Psychology

G M. G d **
B.A., Political Science

A G -O
B.A., Foreign Language: Single Language: Spanish

E G *
B.A., Interdisciplinary Studies: General Studies

A G d *
magna cum laude, B.A., Theatre: Performance

A d G **
B.A., Yup'ik Eskimo

J L. H
B.A., Justice

K M H
magna cum laude, B.A., Psychology. *Golden Key Honor Society*

J. H
B.A., History

J H
B.A., Justice

H d J H *
B.A., Communication

L H
B.A., Art

D. H d d

A[illegible] B A[illegible]
B.A., Justice

M [illegible]d N [illegible] [illegible]d [illegible]*
cum laude, B.A., Foreign Language: Single

Certificates

L M Ed d
Community and Technical College, CERT, Medical/ Dental Reception

G d y. E
Interior-Aleutians Campus, CERT, Rural Human Services

F d
Interior-Aleutians Campus, CERT, Construction Trades Technology

Ad P. F
Interior-Aleutians Campus, CERT, Tribal Management

C E F
Interior-Aleutians Campus, CERT, Rural Human Services

B d Ly F **
Community and Technical College, CERT, Medical Assistant

J G
Community and Technical College, CERT, Medical Assistant

J G
Community and Technical College, CERT, Medical/ Dental Reception

A d M G d
Interior-Aleutians Campus, CERT, Rural Human Services

K G
Community and Technical College, CERT, Accounting Technician

J A. G
Interior-Aleutians Campus, CERT, Rural Human Services

E G z
Community and Technical College, CERT, Applied Business Management

E H
Community and Technical College, CERT, Medical Assistant

D E z H *
Community and Technical College, CERT, Instrumentation Technology

J Od H
Community and Technical College, CERT, Medical Assistant

H d J H *
Community and Technical College, CERT, Medical Assistant

H H
Interior-Aleutians Campus, CERT, Rural Human Services

A M H *
Community and Technical College, CERT, Medical Assistant

A M H *
Community and Technical College, CERT, Medical/ Dental Reception

E. H **
Community and Technical College, CERT, Drafting Technology. *Golden Key Honor Society*

E. H **
Community and Technical College, CERT, Instrumentation Technology. *Golden Key Honor Society*

C y M Hy
Community and Technical College, CERT, Automotive Technology

K M I **
Bristol Bay Campus, CERT, Accounting Technician

A J
Community and Technical College, CERT, Medical Assistant

B A J
Interior-Aleutians Campus, CERT, Construction Trades Technology

N J
Interior-Aleutians Campus, CERT, Construction Trades Technology

y A. J
Kuskokwim Campus, CERT, Community Health

M A. K
Community and Technical College, CERT, Medical

M B A M I y **
Community and Technical College, CERT, Airframe and Powerplant

D d E. M K *
Community and Technical College, CERT, Safety, Health and Environmental Awareness Technology

M y L M P **
Northwest Campus, CERT, Accounting Technician

N E z M
Community and Technical College, CERT, Medical Assistant

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

J Q M dd
Community and Technical College, CERT, Applied Business Management

M M dd *
Community and Technical College, CERT, Accounting Technician

J A M **
Community and Technical College, CERT, Airframe and Powerplant. *Phi Kappa Phi Honor Society*

L M
Community and Technical College, CERT, Power Generation

B y N
Community and Technical College, CERT, Automotive Technology

d y D N
Bristol Bay Campus, CERT, Environmental Studies

P N
Kuskokwim Campus, CERT, Community Health

I O z
Community and Technical College, CERT, Medical Assistant

B D. P
Community and Technical College, CERT, Power Generation

H M. P
Community and Technical College, CERT, Airframe and Powerplant

B. P
Kuskokwim Campus, CERT, Early Childhood Education

K P J .*
Interior-Aleutians Campus, CERT, Construction Trades Technology

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

L **H**
Community and Technical College, cum laude, A.A.S., Emergency Services: Municipal Fire Control

C **H** **d** **
Community and Technical College, A.A.S., Emergency Services: Municipal Fire Control

K **J** **H** **d** **
Bristol Bay Campus, cum laude, A.A.

A **H** *
Community and Technical College, A.A.S., Early Childhood Education

D **Ez** **H** *
Community and Technical College, A.A.S., Process Technology

J **Od** **H**
Community and Technical College, A.A.S., Medical Assistant

G **H**
Community and Technical College, A.A.

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

A **H** **d**
Kuskokwim Campus, magna cum laude, A.A.S., Human Services: Addictions Counseling

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

G **H** *
Community and Technical College, A.A.S., Medical Assistant

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

E. H **
Community and Technical College, A.A.S., Process Technology. *Golden Key Honor Society*

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

M **H** **
Interior-Aleutians Campus, A.S.

E **C** **H**
Community and Technical College, A.A.S., Information Technology Specialist

F **H**
Community and Technical College, magna cum laude, A.A.S., Information Technology Specialist

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

M. H **
Community and Technical College, A.A.S., Applied Business

H **J** **
Community and Technical College, cum laude, A.A.

Ly **J** **
Community and Technical College, A.A.

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

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

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

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

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

L **K** **
Community and Technical College, A.A.S., Medical Assistant

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

D **K**
Community and Technical College, A.A.S., Dental Assistant

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

B C. L
Community and Technical College, A.A.S., Process Technology

C yE L d
Community and Technical College, A.A.

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

Jd M K z M
Community and Technical College, A.A.S., Paralegal Studies

G K M A *
Community and Technical College, A.A.S., Process Technology. *Golden Key Honor Society*

y C M G
Community and Technical College, A.A.S., Dental Hygiene

C N M K
Community and Technical College, A.A.S., Emergency Services: Municipal Fire Control

d A M z -M **
Community and Technical College, A.A.S., Applied Business: Management

A M M L
Community and Technical College, A.A.

M A. M L -
Bristol Bay Campus, magna cum laude, A.A.

N E z M
Community and Technical College, A.A.S., Medical Assistant

J M
Community and Technical College, A.A.S., Information Technology Specialist

M M
Community and Technical College, A.A.

N M
Community and Technical College, A.A.

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

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

D d J. M
Community and Technical College, A.A.S., Process Technology

N J M dN
Community and Technical College, cum laude, A.A.S., Emergency Services

D N M
Community and Technical College, A.A.

K L M **
Community and Technical College, A.A.

JA M **
Community and Technical College, A.A.S., Information Technology Specialist

N L. N
Community and Technical College, magna cum laude, A.A.

N D N
Kuskokwim Campus, A.A.

A d N
Kuskokwim Campus, A.A.

C M N d *
Community and Technical College, cum laude, A.A.S., Process Technology

M J N
Bristol Bay Campus, A.A.

M dy L N
Bristol Bay Campus, cum laude, A.A.

C J N **
Community and Technical College, cum laude, A.A.S., Information Technology Specialist

M E z O C
Interior-Aleutians Campus, A.A.

M J. O
Community and Technical College, A.A.S., Process Technology

L OK -A **
Community and Technical College, A.A.S., Information Technology Specialist

D N O
Northwest Campus, A.A.

I O z
Community and Technical College, A.A.S., Medical Assistant

K L O
Community and Technical College, cum laude, A.A.S., Process Technology

Q P d
Community and Technical College, A.A.

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

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

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

E M P
Community and Technical College, A.A.S., Process Technology

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

M P d
Community and Technical College, A.A.S., Information Technology Specialist

J M P
Community and Technical College, A.A.S., Human Services

M P **
Community and Technical College, A.A.S., Emergency Services: Public Safety

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

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

** Summer degree recipient*
*** December degree recipient*

D D. d **
Community and Technical College, A.A.S., Community Health

H M.
Community and Technical College, magna cum laude, A.A.

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

C L -M
Community and Technical College, A.A.

A E d **
Community and Technical College, A.A.S., Apprenticeship Technology

A C
Bristol Bay Campus, magna cum laude, A.A.S., Early Childhood Education

Ad D. **
Community and Technical College, cum laude, A.A.S., Process Technology

D E.
Community and Technical College, A.A.S., Applied Business: Human Resources

J C d J .
Community and Technical College, A.A.S., Construction Management

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

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

C ỳ A F
M.A., Rural Development.

A ý G
B.A.S., Arts and Sciences

ý E H
B.A., Elementary Education

H d M H
summa cum laude, B.A., Elementary Education

K. H d
magna cum laude, B.A., Elementary Education

N Hý
B.A., Elementary Education

K C H
magna cum laude, B.A., Elementary Education

C ý N d I
magna cum laude, B.A., Elementary Education

L M Kz
cum laude, B.A., Elementary Education. *Golden Key Honor Society*

N A L
B.A., Elementary Education

A K ý L
magna cum laude, B.A., Elementary Education. *Golden Key Honor Society. Phi Kappa Phi Honor Society*

C ý C M
B.A., Elementary Education

M d E. M D
B.A., Elementary Education

A ý K M d
cum laude, B.A., Elementary Education

E. N
B.A., Elementary Education

A M ý N
B.A., Elementary Education

J J. O
magna cum laude, B.A., Elementary Education

M ý
cum laude, B.A., Elementary Education. *Golden Key Honor Society. Phi Kappa Phi Honor Society*

K
B.A., Elementary Education

E C.
B.A., Elementary Education

J Ly
cum laude, B.A., Elementary Education

Master's Degrees

C A **
M.Ed., Guidance and Counseling. *B.A., Humboldt State University (California), 2003*

J
M.Ed., Education: Secondary Education. *B.S., University of Washington, 2001*

C . B
M.Ed., Education: Curriculum and Instruction. *B.S., University of Alaska Fairbanks, 2007*

Ly M. B
M.Ed., Education: Secondary Education. *B.A., Vanguard University of Southern California, 2001*

Ly B
M.Ed., Education: Elementary Education. *Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2006*

J B
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2004*

K L B ý *
M.A., Digital Media Training and Development: Interdisciplinary Program. *B.A., Louisiana College, 2002*

M M C
M.Ed., Education: Secondary Education. *B.A., Zurich University of Applied Sciences (Switzerland), 2009*

J Hý C **
M.Ed., Education: Elementary Education. *B.S., Sogang University (South Korea), 2000*

N. C
M.Ed., Education: Secondary Education. *B.A., Oklahoma Baptist University, 2001*

E z C
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2004*

M. C ý
M.Ed., Counseling. *Golden Key Honor Society. Phi Kappa Phi Honor Society. B.A., University of Alaska Fairbanks, 2009*

C D *
M.Ed., Education: Elementary Education. *B.A., Santa Clara University (California), 2004*

K ý F z
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2006*

H d M F
M.Ed., Education: Reading. *B.S., Cascade College (Oregon), 2002*

J F **
M.Ed., Counseling. *B.Ed., Midland Lutheran College (Nebraska), 2006*

E E. G ý
M.Ed., Education: Secondary Education. *B.S., University of Alaska Fairbanks, 2005*

G ý C. K **
M.Ed., Education: Curriculum and Instruction. *B.S., New Mexico Institute of Mining & Technology, 1984*

C M K **
M.Ed., Education: Curriculum and Instruction. *B.A., Mount Holyoke College (Massachusetts), 1988*

B ý K **
M.Ed., Education: Language and Literacy. *B.Ed., University of Alaska Fairbanks, 1992*

E z J K
M.Ed., Education. *B.Ed., University of Wyoming, 1983*

Ly M
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2005*

A ý Ly M D d
M.Ed., Counseling. *B.A., University of Alaska Fairbanks, 1994*

[illegible] C. M[illegible] [illegible] **
M.Ed., Education: Secondary Education. *B.F.A., Washington University in St. Louis (Missouri), 2001*

M [illegible]d F M[illegible]
M.Ed., Guidance and Counseling. *B.A., University of Alaska Fairbanks, 2002*

[illegible] B[illegible] O [illegible]
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2006*

J [illegible] My P d [illegible]
M.Ed., Counseling. *B.A., Willamette University (Oregon), 1999*

A Ar d [illegible]
M.Ed., Education: Secondary Education. *Golden Key Honor Society. B.A., University of Alaska Fairbanks, 2008*

[illegible] [illegible] J .
M.Ed., Education: Secondary Education. *B.A., Life Pacific College (California), 2001. B.S., California State Polytechnic University, 2007*

[illegible] C[illegible] [illegible] *
M.Ed., Education: Secondary Education. *B.A., University of Alaska Fairbanks, 2005*

J [illegible] A31 J0 7 45 502.360[illegible]

Az [illegible] L [illegible]
B.B.A., Accounting

E [illegible] A. [illegible] d **
B.B.A., Business Administration: General Business

K [illegible] . [illegible] d [illegible]
B.B.A., Accounting

[illegible]
B.B.A., Business Administration: Finance

C [illegible] E d[illegible] [illegible] [illegible] **
B.B.A., Accounting

H [illegible] **
B.B.A., Business Administration: Management and Organizations

M A[illegible] [illegible]
B.B.A., Business Administration: Marketing

M M [illegible]
cum laude, B.B.A., Business Administration: Finance. *Student Leadership Honors. Golden Key Honor Society*

A[illegible] A [illegible] d
B.B.A., Accounting

Baccalaureate Degrees

Ad
B.A., Geography

Ad
B.S., Geography: Environmental Studies

L -M B d **
cum laude, B.S., Natural Resources Management: Plant, Animal and Soil Sciences. *Golden Key Honor Society*

B Ly B **
cum laude, B.A., Geography

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

C D d C
magna cum laude, B.S., Natural Resources Management: Resources

D P C
B.S., Natural Resources Management: Forestry

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

B D
B.S., Geography

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

B M. G
B.S., Natural Resources Management

D D d H z *
B.S., Geography: Landscape Analysis and Climate Change Studies

Q M. H **
B.S., Natural Resources Management: Plant, Animal and Soil Sciences

H d L. I
B.A., Geography

J B. M. MCID 4459 DC B 1 6 7 0 0 7

* *Summer degree recipient*
** *December degree recipient*

A L d **
cum laude, B.S., Geography: Environmental Studies

K M. d
magna cum laude, B.S., Natural Resources Management: Plant, Animal and Soil Sciences

Master's Degrees

M. B
M.S., Natural Resources Management. *B.S., University of Alaska Fairbanks, 2003*

J C d F **
M.S., Natural Resources Management. *B.S., University of Alaska Fairbanks, 2006. B.A., University of Alaska Fairbanks, 2007. B.S., University of Alaska Fairbanks, 2007*

M E z H d **
M.N.R.M.G., Natural Resources Management and Geography. *B.S., University of Iowa, 2005*

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

M
M.S., Natural Resources Management. *B.S., University of Alaska Fairbanks, 1995*

P **
M.S., Natural Resources Management. *B.S., Kentucky Wesleyan College, 2008*

C [illegible] C[illegible]

P .D. C E : I P

B.A., Wh[illegible] a C[illegible]ege (Wa h g[illegible]), 1991. M.S., We[illegible]e Wa h g[illegible] U[illegible]e[illegible], 1993

Thesis: Exploring the Challenges of School Counseling: Voices from Rural Alaska

This research investigated the challenges experienced by rural school counselors in the state of Alaska, and provides a glimpse into the specific resources these counselors utilize to help them address concerns in their communities. Recommendations are made for school counselors, school districts, state organizations and counselor education training institutes.

Major Professor: Dr. Raymond Barnhardt

J[illegible] A[illegible] C[illegible]

P .D. S E , A , C : I P

B.A., U[illegible]e[illegible]f S[illegible]h Ca[illegible]a-C[illegible]b a, 1995. M.S., U[illegible]e[illegible]f Ka a , 1998

Thesis: Reading Comprehension Strategies in Children with High Functioning Autism: A Social Constructivist Perspective

This study evaluated reading comprehension abilities of students with autism using a strength-based approach. Students with this disorder can and do learn to read and need to for life success. A social constructivist lens was used as a foundation for understanding communication and reading-comprehension skills in students with autism.

Major Professor: Dr. Jean Richey

Ap L [illegible] C[illegible] **

P .D. L P I K w S : I P

B.A., B U[illegible]e[illegible](Rh de I[illegible]a d), 2002. M.A., U[illegible]e[illegible]f A[illegible]a a Fa ba , 2005

Thesis: Niugneliyukut (We Are Making New Words): A Community Philosophy of Language Revitalization

This study investigates Alutiiq terminological development as a strategy for language revitalization. It contextualizes the Kodiak Alutiiq New Words Council within wider heritage efforts, investigates the value and meaning of the NWC to participants and communities, and uses these findings to critically evaluate the claims of "invention of tradition" scholarship.

Major Professor: Dr. Patrick Marlow

Ly D [illegible] *

P .D. C -C P

B.A., Wa h g. S.a.e U[illegible]e[illegible], 1991. M.A., U[illegible]e[illegible]f A[illegible]a a A ch age, 1998

Thesis: Alaskan Physicians' Knowledge, Attitudes, and Behaviors Related to Fetal Alcohol Spectrum Disorders

Alaskan physicians' knowledge, attitudes and practices related to fetal alcohol spectrum disorders were examined via 243 survey and 24 interview respondents. Findings revealed physicians are knowledgeable about risks of prenatal alcohol exposure, but they need more comprehensive training opportunities

N **M**

P .D. ***C*** ***C*** ***P*** ***: I*** ***P***

B.A., C ad C ege, 1999. M.F.A., S.. Ma ' C ege f C f a, 2004

Thesis: *Sh dde* : Poems and Essay on Cancer, Care, and Healing

Sh dde chronicles a son's experience with his father's chronic lymphocytic leukemia. The introduction describes receiving cancer care at the MD Anderson Cancer Center in Houston, Texas. The poems weave together the MD Anderson trip and life after the father's death with a variety of images, memories, characters and spirits.

Major Professor: Dr. Derick Burleson

J

P .D. ***A***

B.A., U e f A a a A ch age, 2002. M.A., U e f A a a A ch age, 2005

Thesis: Come On Ugzruk, Let Me Win: Experience, Relationality and Knowing in Kigiqtaamiut Hunting and Ethnography

This ethnography of marine mammal hunting explores linkages between

A y Ly B *

P .D. B S : B

B.A., C ege f he A a c (Ma e), 1994. M.A., U e f M -C b a, 2000

Thesis: From Forest to Tundra: Historical Biogeography, Floristic Diversity and Nucleotide Variation in Balsam Poplar

Climate fluctuations drove major migrations in the history of the boreal forest. The paleobotanical record supports the presence of a balsam poplar refugium within Beringia. The genetic consequences of this refugium, however, were minimal due to a massive migration following deglaciation that swamped standing variation in balsam poplar populations today.

Major Professor: Dr. Matthew Olson

E B **

P .D. B M B

B.S., U e f Cd f a-Be e , 1974

Thesis: ATP-Dependent Chromatin Remodeling Complexes in Xenopus Development

A central question in the study of vertebrate development is how genes direct the creation of the organs of the vertebrate embryo during development. I demonstrate a role for the protein CHRAC17 in development by visualizing its expression and by ablating its function in *Xe ae* embryos.

Major Professors: Dr. Kelly Drew and Dr. Jocelyn Krebs

M B **

P .D. B S : B

B.S., U e dad Nac d de a Pa. ag a Sa J a (A ge a), 2004

Thesis: Ecogeographical, Adaptive and Phylogenetic Variation in the Crested Duck (*L h e a ec la i ide*) and their Hemoglobins in the Andes

I investigated genetic differentiation between highland and lowland populations of Crested Duck (*L h e. a ec a de*) using molecular markers, evaluated morphological differences between the two subspecies to better understand the forces shaping morphology in the different environments, and provided information on the taxonomic relationships and natural history of the Crested Duck.

Major Professor: Dr. Kevin McCracken

F d J C III *

P .D. G

B.S., U e f Ma ach e.. B , 1992. M.S., Oh U e , 1998

Thesis: Investigating the Retention of Bright and Dark Ejecta from Small Rayed Craters on Mars

Small rayed impact craters form across the surface of Mars. Ejecta retention, the time span and ability of excavated material to remain around a crater rim, records a lineage of recent surface activity. SRC ejecta morphology and spatial distribution were examined to estimate retention age and evaluate dominant surface processes.

Major Professor: Dr. Robert Herrick

A **G** **H** *P .D. E H : I P*

B.S., U e f A a a Fa ba , 1996. M.A., U e f A a a Fa ba , 2003

Thesis: The Northway Wild Food and Health Project: Confronting the Legacy of Toxic Waste along the ALCAN

Collective local knowledge in Northway makes important implications regarding endocrine disruption via multiple historic and unquantifiable exposure pathways. Community-based participatory research has significant capacity to improve local and scientific understanding of the repercussions of chronic low-dose exposures to toxic waste in rural communities, despite deep complexity and inherent uncertainty.

Major Professor: Dr. Lawrence Duffy

D d D. G **

P .D. B S : B

B.A., U e f Q ah a, 1994. B.S., C ad S.a.e U e , 2000. M.S., U e f N he B h C b a (Ca ada), 2005

Thesis: Protein Status of Muskoxen and Caribou in Late Winter

Nitrogen isotopes were used to assess the protein status of muskoxen and caribou. Foraging constraints decreased the amount of body proteins available for reproduction. Although challenges remain to applying isotopic proxies as a monitoring tool, nitrogen isotopes may be used to evaluate environmental constraints for northern ungulates at small scales.

Major Professor: Dr. Peregrine Barboza

y M H *

P .D. B S : B

B.S., U e f M a a, 1999. M.S., U e f C ga (Ca ada), 2004

Thesis: Spatio-Temporal Recruitment Dynamics of Mountain-Dwelling Caribou in the Yukon Territory, Canada

Factors influencing recruitment were investigated for mountain-dwelling woodland caribou in Yukon Territory, Canada. Recruitment was influenced by Pacific-based climate during the winter and calving seasons, and the interaction between climatic conditions and wolf density. By assessing spatial synchrony of recruitment, it was determined terrain factors also play a role in recruitment.

Major Professor: Dr. Falk Huettmann

D M. H **

P .D. E C

B.S., M ch ga Tech g cd U e , 1996

Thesis: The Role of Ice Surfaces in Affecting Nighttime Removal of Nitrogen Oxides in High Latitude Plumes

Nitrogen oxide removal from the atmosphere occurs via nitric acid formation, which leads to acidification and nitrogen fertilization. In this work, we measured the deposition velocity of N_2O_5, a first-time measurement. Our studies demonstrated higher mixing ratios and longer lifetimes of N_2O_5 aloft than near the Earth's surface.

Major Professor: Dr. William Simpson

A **G. I** **

P .D. E C

M.S., Ka cha. a S.a.e Tech c U e . (R a), 2001

Thesis: Controls on Antimony and Arsenic Speciation Via Sorption and Redox Chemistry at the Clay Mineral – Water Interface in Natural and Laboratory Settings

This study details the sorption and redox behavior of arsenic and antimony in clay-rich natural and laboratory systems. The role of clay, structural iron and aqueous iron (II) in redox transformations of arsenic and antimony is determined. Antimony inner-sphere sorption complexes on amorphous aluminum oxide and clay minerals are described.

Major Professor: Dr. Thomas Trainor

**J ** **

P .D. V N A R C :

I P

B.S., Acha a N.G. Ra ga Ag c . U e . (I d a), 2000

Thesis: Central Nervous System Regulation of Metabolic Suppression in Arctic Ground Squirrels

My dissertation reports that sensitization to the effects of endogenous adenosine serves as a seasonally regulated switch facilitating A1AR mediated torpor in arctic ground squirrels (*U c .*

H -L M. B * *

P .D. R E L : I P

B.A., Ed b U e f Pe a a, 1996. M.Ed., Ed b U e f Pe a a, 2001

Thesis: The Influence of Positive Mother-Child Verbal Interactions On Adolescent Mothers' Literacy

This study examined the influences a family literacy program based on mother-child verbal interactions would have on the participating adolescent mothers' literacy skills. The participants' reading levels improved, there was a relationship between the participants' attitude and motivation scores and their participation, and environmental factors may have influenced participant participation.

Major Professor: Dr. Melissa Rickey

M M * *

P .D. C E : I P

B.A., S g A b C ege (M ch ga), 2004. M.Ed., U e f A a a Fa ba , 2006

Thesis: Alaska Elementary School Counseling: Current Practices And Future

D[illegible] H. D[illegible] **

P .D. E[illegible] S : I P[illegible]

B.S., M[illegible]a a S.a.e U[illegible]e[illegible]-B[illegible]e a , 1975. M.S., Te a Tech U[illegible]e[illegible], 1979

Thesis: Development and Application of a Methodology to Estimate Regional Natural Conditions for Trace Metals in Marine Sediments of Southcentral Alaska's Coastal Region

Responsible environmental management of resource activities along Alaska's Southcentral coastline requires statistical methodologies for assessing spatial distribution of sediment trace metals and their background conditions. The statistical methodologies applied in the dissertation show that overall sediment trace metals along this coastline reflect background rather than human inputs.

Major Professor: Dr. John Kelley

L G[illegible] **

P .D. M B

Emeriti Recognition

Emeriti Recognition

DR. THOMAS P. CLAUSEN

Professor of Chemistry, Emeritus

Dr. Thomas P. Clausen has served the University of Alaska Fairbanks with distinction in

Emeriti Recognition

DR. JOHN D. FOX JR.

Associate Professor of Land Resources Management, Emeritus

Dr. John D. Fox Jr. has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1973 to 2011.

He has developed and offered pioneering courses that expanded the breadth and depth of the natural resources management program; and was among the first at the University to offer classes in computer simulation, watershed management and environmental ethics; and has challenged his students to think clearly and critically, such that he has been awarded for his pedagogical skills with three prestigious teaching awards at the University and National levels.

His interests have encompassed a breathtaking variety of disciplines, from physical and
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Emeriti Recognition

MS. MARJORIE L. ILLINGWORTH

Associate Professor of Developmental Studies, Emerita

Ms. Marjorie L. Illingworth served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1990 to 2010.

She devoted her career at the University in the area of developmental education before there was a formal program; and was a primary force behind the formation of the Developmental Education Department in 2003.

She made significant contributions to her profession through her dedication to improving student success for the University's at-risk students by creating and teaching courses and programs in the developmental and early-childhood program areas, including the very successful Project College and Career Program at UAF's Community and Technical College.

Her tireless advocacy for underprepared students was exemplified through her passion for teaching, advising and research; and whose dedication in those areas greatly benefited countless students and the University community in general; and contributed her professional expertise to numerous UAF, community and national committees which she variously and successfully chaired and served.

The University of Alaska Fairbanks expresses its deep appreciation to Ms. Marjorie L. Illingworth for her contributions to the State of Alaska and the University.

DR. DOUGLAS L. KANE

Emeriti Recognition

DR. JOHN LEHMAN

Professor of Business Administration, Emeritus

Dr. John Lehman has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1987 to 2011.

He has used his extensive international background and knowledge of different cultures and languages to enrich his teaching; and has with great intellectual vigor addressed challenging subject matter such as ethics, international business and Eastern philosophy; and has introduced innovative technologies to achieve pedagogical goals.

He has successfully competed for more than two million dollars in corporate and government

Emeriti R

Emeriti Recognition

MR. RICHARD D. SEIFERT

Professor of Engineering Extension, Emeritus

Mr. Richard D. Seifert served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1973 to 2010.

He helped educate thousands of Alaskans about safe and efficient home-building practices through his many public lectures and workshops; and developed and taught courses designed for the general public and for the professional development of colleagues in his and related fields; and exemplified the qualities of the Extension professional's belief in the power of individuals to learn and to apply that learning to the betterment of their own lives.

He codified his extensive knowledge of home construction in the North in the publication of an array of books, articles, manuals and web-based materials, all of them intended either to assist homeowners or to increase the knowledge of experts; and frequently updated and amended many of those publications to reflect new technologies and techniques.

He energetically contributed much of his time to a variety of organizations, from faculty committees and student-led efforts to community organizations; and who is remarked upon for his enthusiasm and earnestness in translating technical material so that it can be used by all Alaskans to improve the quality and safety of their homes and communities.

The University of Alaska Fairbanks expresses its deep appreciation to Mr. Richard D. Seifert for his contributions to the State of Alaska and the University.rr

Emeriti Recognition

DR. ROGER W. SMITH

Professor of Physics and Director, Emeritus

Dr. Roger W. Smith has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1984 to 2011.

His outstanding research career, centered around the dynamics of the upper atmosphere, has led to significant advances in understanding these phenomena; and is highly regarded nationally and internationally as an expert in the field, which resulted in a leading role in several national and international research committees.

Dr. Smith, a respected member of the University of Alaska Fairbanks, has demonstrated great commitment and dedication to the University and its students through his teaching at the undergraduate and graduate levels and the successful mentoring of ten graduate students; and has served as the Director of the Geophysical Institute from gr833(a)-34(s s)-2s sntute fron t1g these

E

Social services leader, advocate and mentor

Banarsi Lal

For nearly four decades, Banarsi Lal has been a strong, steady and passionate voice advocating on behalf of thousands of Alaskans to local and state government officials and policymakers. He has labored tirelessly to improve social services, education programs and the overall quality of life for many of Alaska's most vulnerable citizens, including the elderly and people with developmental disabilities, mental health issues and substance abuse problems.

Mr. Lal has been respected as director of a variety of social-services programs in the Fairbanks area and as a member of many statewide commissions and boards. Through conscientious professionalism and with a broad network of colleagues and policymakers, Mr. Lal developed a thorough understanding of government regulations and of programs that could best serve the neediest citizens. His emphasis on establishing partnerships and pursuing opportunities for collaboration make him particularly effective at identifying and implementing solutions to multilayered problems.

Through his strong leadership and his ability to clearly articulate a vision of the future with well-defined goals, Mr. Lal motivates others to take positive action, and mentors those who would follow his example. He is an effective communicator, able to bring together divergent groups by emphasizing their similarities as opposed to their differences, and challenging them to work together with a common purpose. Mr. Lal exhibits tremendous originality, creativity and dedication in the pursuit of compassionate, effective care for vulnerable Alaskans. In so doing, he improves the quality of life for all.

Oceanographer and navigator of the Navy

David William Titley

David William Titley has brought his extensive training as a scientist and as a naval officer to bear on a host of issues related to climate change and national security. As the Director of the U.S. Navy's Task Force Climate Change, established in 2009 to address the implications of climate change on national security and naval operations, Rear Adm. Titley has overseen the creation of the U.S. Navy Arctic Roadmap, a five-year plan to guide Navy policy and action in responding to climate change in the Arctic. He has also guided the development of the Navy's Climate Change Roadmap, which outlines the Navy's approach to assessing, predicting and adapting to climate change in regions other than the Arctic.

Recognizing the prodigious and varied complexities in comprehending the effects of climate change on the social, physical, and political structures of countries throughout the world, and their potential impact on the national security of the United States, Rear Adm. Titley has sought out and established collaborative partnerships with organizations around the world. He has consulted with scientists at the University of Alaska Fairbanks and other academic and research institutions, incorporating their expertise into an ever-growing body of knowledge to better understand changing environments and their attendant challenges for human populations.

Rear Adm. Titley has spent more than ten years at sea as a U.S. Navy officer, in locations as diverse as the Mediterranean Sea, the Indian Ocean and the Bering Sea. He has likewise had under his command a diverse population of United States seamen. Such multinational, multicultural experiences are reflected in his leadership as he works cooperatively across professional disciplines and political boundaries in service to the United States of America.

Academic Traditions

Alaska Flag Song

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

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Produced by UAF Marketing and Communications and printed by UAF Printing Services, May 2011.