

## **COMMENCEMENT**

Saturday, May 1, 2021

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### Congratulations!

**UA INTERIM PRESIDENT PAT PITNEY** 

Dear UAF Class of 2021,

Congratulations, graduates! Today you join the ranks of more than 100,000 University of Alaska alumni.

We are so proud of you and your accomplishments. Graduation is a milestone worth celebrating in any year. And it's even more important to celebrate given the challenges and unique experience we've shared this past year. You did it despite COVID, despite being away from campus and your colleagues over the past year, and at a time when the university and the world underwent unprecedented change.

Now, allow your experience and knowledge to pave your path forward. Your hard work and resilience has prepared you to write the next chapter in your personal story. I hope you will continue to remain inquisitive and be courageous in the midst of unceren-USr31ren-USnin to PÖrNM&ncw, aive a T\*10.

# UAF CHANCELLOR DANIEL M. WHITE Dear Graduate,

is was a year to remember, the year of the COVID-19 pandemic and all of the challenges it threw at you. But you did it. Congratulations on your accomplishments and earning your degree!

Today you are joining a distinguished group of University of Alaska Fairbanks alumni, and although your journey has proved to be a little more memorable, to include taking part in our most creative commencement, I hope you will take a moment to re ect on your time at UAF, the lessons learned, and the friends you have made. Your UAF experiences will last a lifetime.

On behalf of the UAF community, I wish you success and

TABLE OF	CONTENTS	



Grand Marshal Kenneth Coyle

Grand marshal is a title given to the emeritus faculty member who has had the longest tenure at UAF and typically leads the

processional.

PROCESSIONAL UAF Inu-Yupiaq Student Dance Group

National Anthem Jenna Dreydoppel, Class of 2021

WELCOME Daniel M. White, Chancellor, University of Alaska Fairbanks

REMARK (MM) (20 (2) M22R(2) (2) M32 (2) DE (3) A 6 M3 M34 (4) EMC B(2) M34 (2) D 221 (2) C B(2) 1 (2) M34 (2) M34 (2) C D T1\_3 -0.03 Tf 00.03 Tc 0 Tw T22)-14 C4)-1674 (h)-10.9 (a)-3529 (n)-0.6 c4)-16.5 (e)85.9 (l)340.6 I5

Academic Degree
Arreviations

A.A. . . . . . . . . . . . Associate of Arts A.A.S. . . . . . . . . . Associate of Applied Science A.S. . . . . . . Associate of Science B.A. . . . . . . Bachelor of Arts B.A.A.S. ..... Bachelor of Applied Arts and Sciences B.A.M..... Bachelor of Applied Management 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.S.E.M. ..... Bachelor of Security and Emergency Management B.S.R.B. . . . . . . . . . Bachelor of Sport and Recreation Business B.T. . . . . . . Bachelor of Technology Cert. ..... Certi cate Gr. Cert. . . . . . . . Graduate Certi cate M.A. ..... Master of Arts MBA ..... Master of Business Administration M.Ed. . . . . . . . . . . . Master of Education M.F.A. . . . . . . Master of Fine Arts M.N.R.E. . . . . . . . . Master of Natural Resources and Environment M.S. . . . . . . Master of Science M.S.D.M. . . . . . . . . Master of Security and Disaster Management

Honorary Degrees and Meritorious

Honorary degrees recognize people of extraordinary accomplishment, and service awards express our appreciation for the university's most dedicated advocates.

O.H.M.....One Health Master's Ph.D.....Doctor of Philosophy

#### Degree Confirmation

SERVICE AWARDS

Con rmation of degrees and honors for the May 2021 degree candidates whose names are listed in this program will be made when nal grades are received. Information presented in this program is accurate as of 9 a.m. April 26, 2021. Every e ort has been made to ensure the accuracy of graduates' names, degrees and other information. We sincerely regret any errors and omissions.

<sup>\*</sup> Denotes summer degree recipient

<sup>\*\*</sup> Denotes fall degree recipient



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<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

₽₽.D. Ocea . g\angle a, \bar{\mathbb{L}} : C\bar{\mathbb{L}}e, ca B.S., Humboldt State University, 2016.

C

esis: Utility of Trace Element Studies for Improving our Understanding of Geochemical Processes within the Arctic Ocean Environment

\*

PA.D. F A € e

B.S., Oregon State University, 2012.

esis: Sea Otters in Southeast Alaska: Subsistence Harvest and Ecological E ects

\*

PM.D

P[.D. A [. . g.

B.A., University of Montana, 2008; M.A., University of Alaska Fairbanks, 2012.

. . C

esis: Ethnoarchaeology of the Middle Tanana Valley, Alaska

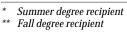
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1,000 1,800

Summer degree recipient Fall degree recipient

PA.D. Re e Se g Dec Ma g: I a d c , a S d e B.S., University of Maine, 1997; M.S., University of Alaska Fairbanks, 2007.

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient



#### Dr. Amy Vinlove, Director

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PA.D. C. , B.A., University o	e gado	$C_{ij} = i \boxtimes E_{ij}$	$d_{\iota} ca : I$	e⊠d c j	a⊠ ∞ 200	$S_i de$	
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Major Professo	r. Dr. Suca	n Dance					

## $\mathsf{C}$

# CERTIFICATES AND ASSOCIATE, BACCALAUREATE AND MASTER'S DEGREES

### C E

Dr. William E. Schnabel, Dean

r'Dr	S **
** M.S., Mechanical Engineering	M.S., Electrical Engineering  **  M.S., Petroleum Engineering
M.S., Geological Engineering	M.S., Petroleum Engineering
M.S., Computer Science	M.S., Civil Engineering: Water Resources Engineering
M.S., Petroleum Engineering	ss M.S., Electrical Engineering
M.S., Environmental Engineering: Environmental Contaminants	M.S., Petroleum Engineering
M.S., Petroleum Engineering	<b>s</b> M.S., Civil Engineering: Transportation Engineering
M.S., Computer Science	M.S., Mechanical Engineering
M.S., Mining Engineering	M.S., Electrical Engineering
M.S., Mechanical Engineering	M.S., Computer Science
M.S., Computer Science  * M.S., Petroleum Engineering	M.S., Electrical Engineering
s s * * * M.S., Electrical Engineering	M.S., Electrical Engineering
s; ** M.S., Civil Engineering: Water Resources	B r Dr
Engineering S. H. F. L.	magna cum laude, B.S., Mechanical Engineering Aerospace
M.S., Petroleum Engineering  S  M.S., Civil Engineering	s magna cum laude, B.S., Petroleum Engineering; Mining Engineering

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient



r'Dr

M.S., Fisheries

## C L A

Dr. Ellen D. S. Lopez, Dean

	1	
	r'Dr	M.F.A., Creative Writing. Phi Kappa Phi Honor
,	M.A., English	Society  ** M.F.A., Art: Sculpture, Native Art
	M.A., Applied Linguistics: Second Language Acquisition Teacher Education	M.F.A., Creative Writing
	M.A., Justice Administration	M.F.A., Art: Painting
	M.A., Arctic and Northern Studies: Arctic Politics and Policy	-Br Gr Crf
	M.A., Applied Linguistics: General	* Gr. Cert., Resilience Adaptation Studies
,	M.F.A., Art: Ceramics	B r D r
ĸ	. <b>S</b>	B.A., Justice
	M.A., Applied Linguistics: Second Language Acquisition Teacher Education  *  *	B.A., Justice
	M.A., Administration of Justice	S B.A., Foreign Language: Spanish
	M.A., Justice Administration	B.A., English
	M.F.Á., Creative Writing  S  M.A., Applied Linguistics: Second Language	B.A., Japanese Studies
	Acquisition Teacher Education	B.A., Linguistics  B.A., Political Science
ĸ	M.F.A., Creative Writing  M.A., Professional Communication	B.A., History
	ss * M.A., Administration of Justice	summa cum laude, B.A., Justice
	M.F.Á./M.A., Creative Writing and Literature	summa cum laude, B.A., Social Work
ĸ	M.A., Justice Administration	B.A., Justice
	M.A., Justice Administration	B.A., Psychology
ĸ	M.A., Professional Communication	cum laude, B.A., Justice magna cum laude, B.A., Social Work
,	M.A., Professional Communication M.A., Professional Communication	cum laude, B.A., Japanese Studies
	M.A., Justice Administration	B.A., Film and Performing Arts: Film
	M.A., Arctic and Northern Studies:	ميد الميد الميد

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

**Environmental Politics and Policy** 

B.A., English

B.A., Justice

B.S., Psychology; Biological Sciences: Physiology

B.A., Justice

magna cum laude, B.A., Psychology

cum laude, B.A., Anthropology

B.A., Psychology

B.A., Communication

B.A., English

R A Art

B.A., Justice

B.A., Psychology

B.A., Psychology

B.M., Music Education: Music Education K-12; Music Performance

B.A., Justice. Golden Key Honour Society

B.A., Justice; Art

B.A., Japanese Studies

B.A., English

s B.A., Justice magna cum laude, B.A., Social Work

B.A., Social Work

B.A., Communication

••

B.A., Social Work

cum laude, B.A., Justice

B.A., Psychology

B.A., Digital Journalism; Website Design and IT Consulting: Interdisciplinary Studies

B.A., History

B.A., Justice

B.A., Social Work

s B.A., Justice

B.A., English

B.A., Justice

cum laude, B.A., Social Work

cum laude, B.A., Art

B.A., Communication

cum laude, B.S., Psychology

B.A., Social Work

summa cum laude

<sup>\*</sup> Summer degree recipient

B.A., History

magna cum laude, B.A., English

B.A., Communication

cum laude, B.A., Psychology

B.A., Art; Japanese Studies

cum laude, B.A., Social Work

B.S., Psychology

B.Ă., Justice

s s cum laude, B.A., Art

magna cum laude, B.M., Music Education: Music

Education K-12

magna cum laude, B.M., Music Performance

cum laude, B.A., Psychology

B.A., History

B.A., Justice

summa cum laude, B.A., English

B.S., Psychology

magna cum laude, B.A., Justice

B.A., Justice

magna cum laude, B.A., Psychology

s B.S., Physics

B.S., Biological Sciences

B.S., Mathematics

B.S., Geoscience: Geophysics

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

B.A., Earth Science: Earth Systems Science

B.S., Biological Sciences: Cell and Molecular Biology

summa cum laude, B.S., Biological Sciences: Cell and Molecular Biology , T

B.S., Biological Sciences: Cell and Molecular Biology

magna cum laude, B.S., Natural Resources and Environment

B.S., Biological Sciences: Physiology

B.S., Biological Sciences: Cell and Molecular Biology

B.S., Wildlife Biology and Conservation

B.S., Wildlife Biology and Conservation

**B.S.**, Biological Sciences

**B.S.**, Mathematics

B.S., Natural Resources Management. University Honors Scholar

B.S., Geology

cum laude, B.S., Biological Sciences

**B.S.**, Biological Sciences

**B.S.**, Biological Sciences

magna cum laude, B.S., Biological Sciences: Physiology. Golden Key Honour Society

B.S., Biological Sciences: Ecology and Evolutionary Biology

magna cum laude, B.S., Geoscience: Geophysics

magna cum laude, B.S., Chemistry: Biochemistry

cum laude, B.S., Mathematics

B.S., Biological Sciences: Cell and Molecular Biology

cum laude, B.S., Biological SciencecidY() rla 438.1[B)21.1 ().6 [6]

#### r'Dr

M.A., Rural Development. Phi Kappa Phi Honor Society

M.A., Rural Development بَر ,

M.A., Rural Development

cum laude, B.A., Child Development and Family Studies: Family Support

B.A., Child Development and Family Studies: Family Support

s · s \*\* B.A., Child Development and Family Studies: Curriculum and Teaching

٦ . . <sub>s</sub>٦ \*\* B.A., Child Development and Family Studies: Curriculum and Teaching, Administration Within Early Childhood Field

B.A., Alaska Native Studies: Indigenous Peoples in Law, Governance and Politics

B.A., Child Development and Family Studies: Curriculum and Teaching

B.A., Child Development and Family Studies: Administration Within the Early Childhood

Field

B.A., Alaska Native Studies: Alaska Native Knowledge, & celum(1)1.3 62484 gC4 (iE(A)42x(A)5 (n205.8 h E)19.ss)19.4 € E)1210]-12.4 nEMC /Span Æang (n)MCID 2

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

magna cum laude, B.A., Child Development and Family Studies: Curriculum and Teaching, Administration Within Early Childhood Field

B.A., Alaska Native Studies: Indigenous Peoples in Law, Governance and Politics

s B.A., Child Development and Family Studies: Administration Within the Early Childhood Admine4indAdminitrdo651/Span Æ.3 195.2 (p)31.3 (e)23 19-32.2 9A2A19 (e)29.

University of Alaska Fairbanks

A.A.S., Applied Business: Entrepreneurship

summa cum laude,Jn/2S 004.5 ()4.9 (TjtFEFF 351.0.029 TF)4.1(c)12 (d)(e)12.3/GS1viKiol4.7 (-5.1 em K)BT8 3.4 (d)10.B

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

A.A.S., Construction Management

A.A.S., Human Services

\*\* summa cum laude, A.A.S., Early Childhood Education

S A.A.S., Applied Business: Management

A.A.S., Construction Management

A.A.S., Fire Science: Municipal Fire Control

A.A.S., Applied Accounting

A.A.S., Process Technology

magna cum laude, A.A.

A.A.S., Medical Assistant

A.A.S., Applied Business: Administrative Management

cum laude, A.A.S., Applied Business: Management

A.A.S., Dra ing Technology

SS \* A.A.S., Tribal Management

magna cum laude, A.A.S., Fire Science: Municipal Fire Control

magna cum laude, A.A.

A.A.S., Applied Business: Management

A.A.



\*\* A.A.S., Early Childhood Education

summa cum laude, A.A.

A.A.S., Tribal Management

magna cum laude, A.A.. Golden Key Honour Society

A.A.S., Fire Science: Municipal Fire Control

A.A.

magna cum laude, A.A.S., Paramedicine

A.A.

A.S.

#### Cr f

Cert., High Latitude Range Management. Phi Kappa Phi Honor Society

s S S S S S Cert., Baking and Pastry Arts

Cert., Culinary Arts

Cert., Pre-Nursing Quali cations

Cert., Rural Human Services

Cert., Rural Human Services

\*\*\*
Cert., Airframe and Powerplant

<sup>\*</sup> Summer degree recipient



# D

## Dr. Alexandra Fitts, Dean of General Studies

B r D r					
<b>X</b>					
B.A., Interdisciplinary Studies: General Studies					
ss s** B.A.A.S., Interdisciplinary Studies: General Studies					
B.S., Interdisciplinary Studies: General Studies					
B.A., Interdisciplinary Studies: General Studies  **					
B.S., Interdisciplinary Studies: General Studies					
B.A.A.S., Interdisciplinary Studies: General Studies					
s ** summa cum laude, B.S., Climate Resilience and Adaptation: Interdisciplinary Studies. University Honors Scholar					
B.A.A.S., Interdisciplinary Studies: General Studies					
B.A., Interdisciplinary Studies: General Studies					
B.S., Interdisciplinary Studies: General Studies					
B.A., Interdisciplinary Studies: General Studies					
B.A., Interdisciplinary Studies: General Studies					
B.S., Interdisciplinary Studies: General Studies					
ss * B.A., Russian Studies: Interdisciplinary Studies -2 🔯 2 🗵 0 🔯 2. 🔯	₫ -	0 🛛 ,	<b>⊠1</b> ⊠1	00	6 2 . 001 4

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

- B.A.A.S., Healthcare Administration: Interdisciplinary Studies
- B.A.A.S., Interdisciplinary Studies: General Studies
- B.S., Interdisciplinary Studies: General Studies
- B.S., Interdisciplinary Studies: General Studies
- B.A., Interdisciplinary Studies: General Studies
- B.A., Interdisciplinary Studies: General Studies
- B.A., Interdisciplinary Studies: General Studies
- s ss v s \*\*
  B.A.A.S., Corporate Resource Management and Allocation: Interdisciplinary Studies

- B.S., Interdisciplinary Studies: General Studies
- B.A., Pedagogical Methods of Secondary Education with an Emphasis in Humanities and Social Sciences: Interdisciplinary Studies
- B.A., e Pedagogy of Functional Anatomy: Interdisciplinary Studies

### A D

- A.A.S., Applied Environmental Education: Interdisciplinary Studies
- A.A.S., Cold-water Research Diving: Interdisciplinary Studies





MBA, Business Administration: General Management

MBA, Business Administration: STEM

MBA, Business Ádministration: General Management

MBA, Business Administration: General Management

MBÁ, Business Administration: General Management

MBA, Business Administration: General Management

s s MBA, Business Administration: General Management MBA, Business Administration: General Management

M.S.D.M., Security and Disaster Management

MBA, Business Administration: General Management

M.S.D.M., Security and Disaster Management: Business Continuity

MBA, Business Administration: General Management

M.S.D.M., Security and Disaster Management

MBA, Business Administration: General Management

MBA, Business Administration A3(a) (e) 222.1g (n,ETEMC /Span Management

M.S., Resource and Applied Economics

MBA, Business Administration: General Management

M.S.D.M., Security and Disaster Management

<sup>\*</sup> Summer degree recipient \*\* Fall degree recipient

า ๆ cum laude, B.A.M., Applied Manageme		
cum laude, B.A.M., Applied Manageme	ent	

B.S.E.M., Homeland Security and Emergency Management: Emergency Management

B.A.M., Applied Management

B.E.M., Homeland Security and Emergency Management: Homeland Security

magna cum laude, B.S.E.M., Homeland Security and Emergency Management: Cybersecurity and Information Technology Management

B.S.E.M., Homeland Security and Emergency Management: Public Safety Management

B.B.A., Business Administration: Leadership

B.B.A., Accounting

B.E.M., Homeland Security and Emergency Management: Fire Administration

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

#### DR. KENNETH COYLE

RESEARCH ASSOCIATE PROFESSOR OF OCEANOGRAPHY, EMERITUS

Dr. Kenneth Coyle served the University of Alaska Fairbanks with distinction in research and public service from 1974 to 2020.

Dr. Coyle, despite his research faculty appointment, has served on sixteen doctoral student committees and nine master's student committees.

He has been lead author of thirty-one research publications and co-author on another forty-eight, with most articles appearing in well-respected rst-tier journals; and he has been principal investigator or co-principal investigator on forty-six projects; and he has worked as a talented eld ecologist and an accomplished numerical modeler; and his e orts made UAF su ciently competitive to be awarded a new National Science Foundation Long-Term Ecological Research site in 2017.

Dr. Coyle has worked with numerous other institutions, colleagues at the National Oceanic and Atmospheric Administration, and UAF faculty members outside the College of Fisheries and Ocean Sciences, service that exceeded the requirements of his research faculty assignment.

e University of Alaska Fairbanks expresses its deep appreciation to Dr. Kenneth Coyle for his extensive contributions to the State of Alaska and to the University.

#### DR. MARY F. EHRLANDER

Professor of History and Arctic and Northern Studies, Emeritus

Dr. Mary F. Ehrlander has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 2001 to 2020.

Her students praise her high standards, academic rigor and thorough teaching style, while noting her accessibility and willingness to assist; and she received the Emil Usibelli Distinguished Teaching Award in 2016; and she served as chair of twenty- ve graduate student committees and as a member of thirty-six others.

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MR. GARY FREITAG

### DR. DAVID KOESTER

PROFESSOR OF ANTHROPOLOGY, EMERITUS

### DR. CHARLES MAYER

Professor of Electrical Engineering and Associate Dean of the College of Engineering and Mines, Emeritus

Dr. Charles Mayer has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1989 to 2021.

He taught not only upper-division and graduate classes but also, more recently, the rst-year introductory course, where he shared insights from his career with more than two thousand aspiring engineers; and he served as committee chair for eleven graduate students.

Dr. Mayer pioneered research in the eld of millimeter radio wave holography, applying it to the metrology of large reector antennas to improve high-frequency performance; and he analyzed the high-speed radio transmission of data via NASA's groundbreaking Advanced Communications Technology Satellite.

He served as department chair for fourteen years and associate dean for thirteen years; and he helped create the engineering doctorate and computer engineering undergraduate degree programs; and he served over four decades with the Institute of Electrical and Electronics Engineers, including een years overseeing student chapters across the northwestern U.S..

e University of Alaska Fairbanks expresses its deep appreciation for Dr. Charles Mayer's extensive contributions to the State of Alaska and to the University.

#### DR. PAUL METZ

PROFESSOR OF GEOLOGICAL ENGINEERING, EMERITUS

Dr. Paul Metz has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1975 to 2021.

He has taught a wide variety of geological and mining engineering courses, and his extensive experience equipped him to lead summer—eld and exploration courses that students have described as their most cherished memories of their education; and he served as chair for twenty graduate students and as a committee member or advisor for countless other graduate and unde? ()38 §11.8 §ve [TJETEM.01 Tw 8 0 0 1 Tw)17.5 §)14.6 ()31.5 ()28.2 ()1.7 ()28.3x15.6 3.8 §)16.1MCID 45

## DR. NICOLE MÖLDERS

PROFESSOR OF ATMOSPHERIC SCIENCES, EMERITUS

Dr. Nicole Mölders has served the University of Alaska Fairbanks with distinction in teaching, research and public service from 2001 to 2021.

She is an award-winning teacher who has advised twenty-one undergraduate and thirty graduate students, including the rst Alaska Native student to earn a doctorate in atmospheric sciences from UAF.

Dr. Mölders' research is well-known internationally, especially in the eld of air pollution, atmospheric chemistry, land-air interaction and mesoscale modeling; and she has published ninety-three papers in peer-reviewed journals and thirteen peer-reviewed book chapters; and she has co-authored a book on meteorology and authored another on land-use and land-cover changes.

She was the founding chair of UAF's Department of Atmospheric Sciences; and she edited several international, peer-reviewed scienti c journals, founded the journal Climate and served as a reviewer for almost y di erent journals; and she held national leadership positions in atmospheric research organizations; and she engaged in e orts to understand and nd solutions to Fairbanks' poor air quality.

e University of Alaska Fairbanks expresses its deep appreciation for Dr. Mölders' extensive contributions to the State of Alaska and to the University.

### DR. RAINER J. NEWBERRY

PROFESSOR OF GEOLOGY, EMERITUS

Dr. Rainer J. Newberry served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1982 to 2020.

He is an award-winning teacher who gave students a constant source of help in classes, research and training; and his courses were popular and well rated; and he chaired more than forty graduate committees and was a member for many more.

Dr. Newberry, whose specialty is economic geology, has authored or co-authored approximately one hundred eighty- ve book chapters, peer-reviewed journal articles, reports and maps; and he has worked internationally in studies of critical mineral resources.

His work with geology-related industries and state and federal agencies has contributed to the development of Alaska's resources and workforce; and his participation in the annual Science Potpourri and his visits to local schools have inspired and educated young people throughout the community; and he served twenty-one years with the Faculty Senate and on numerous university committees.

Dr. Newberry received the 2003 Emil Usibelli Distinguished Teaching Award, which recognized the creativity and enthusiasm he brought to his classes.

e University of Alaska Fairbanks expresses its deep appreciation to Dr. Rainer J. Newberry for his extensive contributions to the State of Alaska and to the University.

### DR. BRENDA NORCROSS

Professor of Fisheries, Emeritus

### DR. ROBERT PERKINS

PROFESSOR OF CIVIL ENGINEERING, EMERITUS

Dr. Robert Perkins served the University of Alaska Fairbanks with distinction in teaching, research and public service from 1999 to 2021.

He is an excellent and highly rated teacher who, a er joining the University following a successful professional career, developed four online courses in the elds of civil and environmental engineering; and he helped to create the engineering doctoral program and the engineering and science management master's program; and he mentored more than forty master's and ve doctoral students.

Dr. Perkins' research during his career has made signi cant contributions to understanding Arctic oil spill response options, safe remediation of hazardous materials, techniques of handling and processing transportation safety data, and alternative construction project management methods.

He has served the engineering profession and the engineering and construction industry in Alaska through numerous activities recognized by his peers in those elds; and he has lectured and coordinated many outreach programs in Alaska and lectured nationwide and in Russia.

e University of Alaska Fairbanks expresses its deep appreciation to Dr. Robert Perkins for his extensive contributions to the State of Alaska and to the University.

#### DR. TODD RADENBAUGH

PROFESSOR OF ENVIRONMENTAL SCIENCE, EMERITUS

Dr. Todd Radenbaugh served the University of Alaska Fairbanks with distinction in teaching, research and public service from 2006 until his death in 2020.

He was a dynamic, highly rated teacher who developed and taught a variety of geography, geoscience, environmental and biology classes at the Bristol Bay Campus; and the only class he missed in 15 years of teaching was on the day of his passing.

Dr. Radenbaugh built the only environmental science lab in the Bristol Bay region; and he studied and published research on isopods and the sea-bottom habitat of Bristol Bay; and he made dozens of presentations at scienties conferences.

He founded the Western Alaska Interdisciplinary Science Association and organized its annual conferences; and he frequently organized and presented at several other science and science education conferences; and he organized educational events for youths, such as the Bristol Bay Salmon Camp on Lake Aleknagik; and he consulted for Bristol Bay organizations and served on the board of the Nushagak Electric and Telephone Cooperative.

e University of Alaska Fairbanks expresses its deep appreciation to Dr. Todd Radenbaugh for his extensive contributions to the State of Alaska and to the University.

### MS. JULIE RILEY

Professor of Horticulture, Emeritus

Ms. Julie Riley served the University of Alaska Fairbanks with distinction in teaching and public service from 1984 to 2020.

She is known for her engaging presentations, use of humor, generosity and openness; and as an agent with the Cooperative Extension Service, she developed, taught for and managed volunteers in the master gardener programs, rst in Anchorage and then in Fairbanks; and she helped develop an advanced master gardener curriculum and program.

Ms. Riley worked diligently to serve her communities through support of commercial endeavors, organization of food security coalitions and consultations with individuals experiencing plant or pest problems; and she is known across Alaska for her support of home gardening, local food production and agricultural business development; and her e orts have been vital to the Alaska peony industry and the establishment of Alaska as a world player in the international cut ower market.

She received numerous awards from local, state and national organizations.

e University of Alaska Fairbanks expresses its deep appreciation to Ms. Julie Riley for her extensive contributions to the State of Alaska and to the University.

DR. CURM. MAN DE LBTL

## HONORARY DOCTOR OF HUMANE LETTERS



Writer, HISTORIAN, COMMENTATOR

## D LT.O'N LL

Mr. O Neill hiddhhiked to Ala ka in 1972; the Kear he earned a bachelor degree and the Uni er in of California, Berkele Three Kear lader, he mo ed north and to Ked. Hi r Indecade in Ala ka, he orked on the Man -Ala ka oil pipeline and began b ilding log cabin for a li ing. He and Sarah Campbell married in 1977. Trning to riding and re earch in the 1980, he orked for the Ra m on Librar Oral Hi Indecade of e or Program, here he in the rid ed do Ben of Ala kan d ring a decade of e or He al or But Mul He or and por riding and jo rnali m.

Mr. O Neill p bli hed The Firecracker Box in 1994 a er e en sear of re earch and rizing. The book de cribed the federal go ernment p h to e ca and a harbor in north e tern Ala ka ing n clear de to mand on the di mi al of Ala ka Nata e people concern and the Uni er its of Ala ka initial role in the b eq en to abandoned plan. Mr. O Neill follo ed thi ma terpiece the The La te Giants of Beringia, abo to cients to aid Hopkin, and A Land Gone Lone ome, abo to be depop lation of Ala ka pper Y kon Ri er region. Mr. O Neill al o prod ced more than 80 opinion col mn, primaril feats ring anals i of Ala ka c to re and politic, for the Fairbank Dail Ne - Miner beta een 1998 and 2002.

On hi jo rne M. Mr. O Neill immer ed him elf in the niq e life the o ered ball Ala ka h mang for moo e, hing for almon and m hing a dog than Nome.

# E, G

FOR HER SUCCESSFUL ADVOCACY OF BILINGUAL EDUCATION, AND FOR HER CONTRIBUTIONS TO SOCIAL SERVICE TRAINING AT UAF'S KUSKOKWIM CAMPUS

# Meritorious Service Award



# S , , R , L

FOR HIS DEDICATED EFFORTS IN BUILDING THE UAF HOCKEY PROGRAM, AND FOR HIS TIRELESS ADVOCACY OF ITS SUCCESS

Mr. Scollano eli a a member of the UAF hocked tham from 1978 to 1981 b that ne er topped plating for the Ala ka Nanook. He ha helped en retaine hocked program cce better the la organiting and promoting proportion the train, notion among all mni b tal o in the broader comm nite.

Mr. Ro eli came from Anchorage LUAF, here he follo ed hi pa ion for por in the pha ical ed canon degree program. When he arri ed, hocke one of the ni er the earlie of port, had the red to nothing. Mr. Ro eli helped re rrecta cl beram, and he trele la promote the game. Within a fe the ni er the once again had an NCAA Di i ion II program, hich e entre allaro entre Di i ion I. A er grad and mr. Ro eli joined the Athletic Department here he ro entre become port media relation director. While there, he parked the creation of the Face-O Cl b. Mr. Ro eli le UAF in 1999 for a career in radio and the i ion, be the common ed to promote the Nanook . He helped organite a 2005 re nion that alled to the formation of the Ala ka Nanook Hocke Al mni A ociation, hich rai e mone of the program and pro ide cholar hip . In 2016, Mr. Ro eli a ind the land of Fame.

## MERITORIOUS SERVICE AWARD

## K ı W

FOR HIS ACADEMIC AND ARTISTIC CONTRIBUTIONS To Uaf And Alaska, And For His Philanthropic ADVOCACY

Mr. Ke ler Wood ard i nœ onl vone of Ala ka be kno n a know b kno a de 'okked ad ocake for kne ard and the ni er to role in thining them. A er coming I nea in 1977, he joined UAF Department of Ardin 1981 and Maghafor 20 Dear before redring in 2000.

Toda¶ all of Ala ka major p blic ar Mcollec Mon, a ell a man Mpri a Me, m e'm and p blic collection acro The United State, feating re Mr. Wood ard di **☑**nc**☑** e pain**☑**ng . He ha r **፴**cn i book and n mero ar⊠cle on Ala ka ar⊠ ha c raæd major m e me hibi⊠ on Ala ka mo ⊠ igni can Mhi Morical pain Mer, and ha lec M red e Men i el Mon Mhe an Mof Mhe circ mpolar North. He i a pa Mpre iden Mof The Ala ka A M and C M re Fo nda on and a former chairman of the We Wern S A F Federa on. In 2004, Mr. Wood ard recei ed the r MAla ka Go ernor A ard for Life me Achie emen Min Mhe Ar M. and in 2012 he recei ed Mhe Ram on Fo nda Mon Di **A**ng i hed Ala kan A **A A**Fello hip. Mr. Wood ard leader hip ha engaged man Mob belie e in The po er of The at in o r comm ni Me. Hi abil 18 mobili le philan 18 propie propie propie important aca e ha creased oppor ni m⊠e for Ala kan Mana o ld no Monther i e ha e manariali Bed.

## THE ALASKA FLAG SONG

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

Eight stars of gold on a eld of blue,
Alaska's ag, may it mean to you;
e blue of the sea, the ev'ning sky,
e mountain lakes, and the ow'rs nearby;
e gold of the early sourdough's dreams,
e precious gold of the hills and streams;
e brilliant stars in the northern sky,
e "Bear," the "Dipper," and shining high,
e great North Star with its steady light,
O'er land and sea a beacon bright,
Alaska's ag to Alaskans dear,
e simple ag of a last frontier.

A Native lad chose our Dipper's stars for Alaska's ag that there be no bars among our cultures. Be it known through years our Natives' past has grown to share our treasures, hand in hand, to keep Alaska our Great Land.

We love the northern midnight sky, our mountains, lakes and the streams nearby; Our great North Star with its steady light will guide our cultures clear and bright with Nature's ag to Alaskans dear, e simple ag of a last frontier.