

College of Engineering and Mines

Degree Candidates

J. Richard Williams, Dean

BACCALAUREATE

Nelson Kenneth Alger

cum laude, B.S., Mechanical Engineering

Kimberly Balster

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

Elizabeth Ann Binning

B.S., Civil Engineering

Larre G. Brouhard, Jr.

B.S., Electrical Engineering: Power and Control

Daniel M. Brusehaber

B.S., Civil Engineering

Gwendolyn Rae Bryson

B.S., Electrical Engineering: Communications

E. Douglas Campbell

B.S., Electrical Engineering: Power and Control. *Honors Program*

Marvin Charles Casanova

B.S., Electrical Engineering: Computer Engineering

Robert A. Casey**

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

Adam James Caswell

B.S., Civil Engineering

Joshua Marcus Colin Chaney

B.S., Civil Engineering

Sarah Mae Croteau

magna cum laude, B.S., Mining Engineering

Carolyn Anderson Curley

cum laude, B.S., Mining Engineering. *Golden Key Honor Society, Student Leadership Honors*

Monica Anne Dale

B.S., Electrical Engineering: Power and Control

Alicia Joslyn Dehmlow

B.S., Mechanical Engineering

Lindsey Leigh Dewhurst

B.S., Civil Engineering

Adrian D. deZeeuw

B.S., Electrical Engineering: Power and Control

Jeremiah D. Dobberpuhl

B.S., Civil Engineering

Nathaniel Earls

cum laude, B.S., Mechanical Engineering

Ryan Ellison**

B.S., Civil Engineering

Anne Marie Ervice

cum laude, B.S., Civil Engineering

Aaron S. Francis

cum laude, B.S., Electrical Engineering: Power and Control

Leon Russell Galbraith

B.S., Civil Engineering

David Giessel**

B.S., Electrical Engineering: Computer Engineering

Wesley A. Gregory**

magna cum laude, B.S., Electrical Engineering: Power and Control

Ivet Hall

B.S., Civil Engineering

David Hepler**

B.S., Mechanical Engineering

Andrew M. Horazdovsky

cum laude, B.S., Civil Engineering

Daniel D. Hutchinson

cum laude, B.S., Civil Engineering

Rebecca Elaine Jensen

B.S., Civil Engineering

Gregory T. Jernstrom

B.S., Mechanical Engineering

Brian Paul Johnson**

B.S., Civil Engineering

Matthew A. Kampen

B.S., Mechanical Engineering

Kristina Heather Knorr

B.S., Civil Engineering

Brian Krzykowski

cum laude, B.S., Mechanical Engineering

Craig D. Langman**

B.S., Electrical Engineering: Computer Engineering

David Leetch

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

Brandon E. Locke

B.S., Mechanical Engineering: Petroleum Emphasis

Jason Michael Lopez

B.S., Mechanical Engineering

Brian James Marsh

B.S., Civil Engineering

Craig William McMullen

B.S., Civil Engineering

Jason Moore

B.S., Mechanical Engineering

Adam Morse

B.S., Civil Engineering

Justin M. Northrup**

B.S., Mechanical Engineering

Dustin Olson

B.S., Computer Engineering

Dustin Olson

B.S., Electrical Engineering: Computer Engineering

Daniel Christian Peterson

B.S., Mechanical Engineering

Dariusz Pietrak

B.S., Electrical Engineering: Power and Control

Andrew J. Posma

B.S., Mechanical Engineering

Kevin Puustinen

B.S., Civil Engineering

Erwin S. Samuelson

B.S., Electrical Engineering: Power and Control

Shawna Lee Sastamoinen

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

Adam Saunders**

B.S., Mechanical Engineering

Matt Shawcroft

B.S., Civil Engineering

Kristina Anne Smith

B.S., Civil Engineering

Garret J. Staudinger

cum laude, B.S., Mechanical Engineering

Mark I. Staudinger

B.S., Mechanical Engineering

Brooklyn T. Stine

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

Christopher Swaim*

B.S., Electrical Engineering: Computer Engineering

Brian J. Sweeney

B.S., Civil Engineering

Kelly James Thompson

B.S., Electrical Engineering: Computer Engineering

Benjamin William Townsend

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

Timothy A. Van Hagen

B.S., Mechanical Engineering

Sharon Tangca Villanueva

B.S., Mining Engineering

Christopher A. Wadeson

B.S., Electrical Engineering: Computer Engineering

Erik N. Weflen**

magna cum laude, B.S., Mechanical Engineering. *Phi Kappa Phi Honor Society*

Rodney Wehr

B.S., Civil Engineering

Hans R. Weiland

B.S., Mechanical Engineering

Benjamin Graham Wichman

magna cum laude, B.S., Mechanical Engineering

MASTER'S

Hrishikesh Adhikari*

M.S., Environmental Engineering. *B.T., Kakatiya University (India), 1999*

Chinedu Agbalaka

M.S., Petroleum Engineering. *B.T., Rivers State University (Nigeria), 2000*

Kerkar Prasad B.*

M.S., Petroleum Engineering. *B.E., University of Mumbai (India), 2002*

Ankit Balaria

M.S., Environmental Engineering. *B.T., Banaras Hindu University (India), 2003*

Sudiptya Banerjee*

M.S., Petroleum Engineering. *B.S., Case Western Reserve University (Ohio), 2003; B.S., Case Western Reserve University (Ohio), 2005*

Molly Chambers**

M.S., Environmental Quality Science. *B.S., Wheaton College (Illinois), 2004*

Raghavendar Chandalvala*

M.S., Electrical Engineering. *B.T., B.V.C. Engineering College (India), 2002*

Usha Choppali*

M.S., Civil Engineering. *B.E., UTKAL University (India), 2002*

Abhishek Choudhury**

M.S., Mining Engineering. *B.E., Karnataka Regional Engineering College (India), 2001*

Michele L. Desrochers**

M.S., Engineering Management. *B.S., University of Alaska Fairbanks, 1993*

Satish Dinakaran*

M.S., Mechanical Engineering. *B.E., Siddaganga Institute of Technology (India), 2000*

Abhijith Titus D'Souza**

M.S., Mining Engineering. *B.E., National Institute of Technology (India), 2003*

Walter Johannes Fourie**

M.S., Environmental Engineering. *B.S., University of Pretoria (South Africa), 2000*

Gaelen Hatfield**

M.S., Electrical Engineering. *B.S., University of Alaska Fairbanks, 2004*

Prathap Kodial**

M.S., Civil Engineering. *B.E., National Institute of Technology Karnataka (India), 2002*

Dinesh K. Malav*

M.S., Mining Engineering. *B.T., Indian Institute of Technology (India), 2002(India), 2004*

Dinesh K. Malav*

M.S., Mining Engineering. *B.T., Indian Institute of Technology (India), 2002(India), 2004*

Praveena R. Muthyala**

M.E.E., *B.T., Jawaharlal Nehru Technological University*

Mark A. Parrott**

M.S., Engineering Management. *B.S., University of Alaska Fairbanks, 1992*

Ameet John Pinto*

M.S., Environmental Engineering. *B.E., University of Mumbai (India), 2003*

Prasada Rao Raghupatruni

M.S., Mechanical Engineering. *B.E., Osmania University (India), 2002*

Bharath Raju Bhupathi Raju

M.S., Petroleum Engineering. *B.T., Jawaharlal Nehru Technical University (India), 2001*

Indrani Reddy**

M.S., Electrical Engineering. *B.E., Jawaharlal Nehru Technological University A. P. (India), 2002*

Patrick Jason Rider

M.S., Electrical Engineering. *B.S., Gustavus Adolphus College (Minnesota), 2001*

Kanthikiran Sastry**

M.S., Mechanical Engineering. *B.T., Jawaharlal Nehru Technological University (India), 2002*

Michael John Schmetzer**

M.C.E., *B.S., University of Alaska Anchorage, 1987*

Christopher Stone

M.S., Petroleum Engineering. *B.S., University of Minnesota, 2004*

Navin Aroop Kumar Thammadi*

M.S., Mechanical Engineering. *B.T., Jawaharlal Nehru Technological University (India), 2002*

Jakob M. Theurich

M.C.E., *B.S., University of Alaska Fairbanks, 2004*

Pavan K. Vajjha*

M.S., Petroleum Engineering. *B.T., Osmania University (India), 2003*

Sreenivas Vemula**

M.S., Electrical Engineering. *B.S., Osmania University (India), 2001*

Joseph T. Wingerter**

M.S., Arctic Engineering. *B.S., Montana State University, 2002*

DOCTORAL

Huayang Luo***Ph.D. Geomechanics Engineering: Interdisciplinary Program***

B.E., China University of Geosciences (China), 1982; M.S., Hohai University (China), 1987

Thesis: GIS-Based Approaches to the Slope Stability Analysis and Earthquake-Induced Landslide Hazard Zonation

The study has four major research components: (1) a GIS-based procedure developed based on one-, two-, and three-dimensional deterministic approaches to slope stability analysis; (2) the causative factors analysis of earthquake-induced landslides; (3) an evaluation of topographic effect of ground motion; (4) the landslide hazard zonation in Nueva San Salvador, El Salvador.

Major Professor: Dr. Wei Zhou

Pier Paul Overduin *****Ph.D. Soil Physics: Interdisciplinary Program***

B.S., Wilfrid Laurier University (Canada), 1988; M.S., York University (Canada), 1998

Thesis: The Physical Dynamics of Patterned Ground in the Foothills of the Brooks Range, Alaska

Permafrost landscapes are patterned by vegetation and soil type. Techniques for measuring the liquid water content of moss and in situ soil thermal conductivity are developed and applied to determine the effect of periglacial ground patterning on heat and mass transfer in the northern foothills of the Brooks Range, Alaska.

Major Professor: Dr. Douglas L. Kane
