Professors

PETER AAEN, 2019-B.S., M.S., University of Toronto; Ph.D., Arizona State University; Professor and Department Head of Electrical Engineering

SUMIT AGARWAL, 2005-B.S., Banaras Hindu University, India; M.S., University of New Mexico; Ph.D., University of California, Santa Barbara; Professor of Chemical Engineering

THOMAS ALBRECHT-SCHOENZART, 2022-B.S., Southwest State University; M.S., Ph.D., Northwestern University; Professor of Chemistry

HUSSEIN A. AMERY, 1997-B.A., University of Calgary; M.A., Wilfrid Laurier University; Ph.D., McMaster University; Professor of Humanities, Arts, and Social Sciences

MOHSEN ASLE-ZAEEM, 2018-B.S., M.S., Shiraz University; Ph.D., Washington State University; Professor of Mechanical Engineering

IRIS BAHAR, 2022-B.S., M.S., University of Illinois, Urbana; Ph.D., University of Colorado, Boulder; Professor and Department Head of Computer Science

TIMOTHY BARBARI, 2020-B.S., Colorado School of Mines; M.S., University of California, Berkeley; Ph.D., University of Texas, Austin; Professor of Chemical and Biological Engineering

DAVID A. BENSON, 2005-B.S., New Mexico State University; M.S., San Diego State University; Ph.D., University of Nevada, Reno; Professor of Geology and Geological Engineering

JOHN R. BERGER, 1994-B.S., M.S., Ph.D., University of Maryland; Professor of Mechanical Engineering and Dean of Energy and Materials Programs

WENDY BOHRSON, 2019-B.S., Stanford University; Ph.D., University of California, Los Angeles; Professor of Geology and Geological Engineering and Department Head

JOHN H. BRADFORD, 2017-B.S., M.S., University of Kansas; Ph.D., Rice University; Professor of Geophysics

ROBERT J. BRAUN, 2007-B.S., M.S., Marquette University; Ph.D., University of Wisconsin, Madison; Professor of Mechanical Engineering

JARED C. CARBONE, 2014-B.A., Wesleyan University; M.A., Ph.D., University of Colorado; Associate Professor of Economics and Business

LINCOLN D. CARR, 2005-B.A., University of California, Berkeley; M.S., Ph.D., University of Washington; Professor of Physics

MOISES A. CARREON, 2014-B.S, M.S., Universidad Michoacana de San Nicolas de Hidalgo; Ph.D., University of Cincinnati; Professor of Chemical and Biological Engineering

TZAHI Y. CATH, 2006-B.S., Tel Aviv University; M.S., Ph.D., University of Nevada; Professor of Civil and Environmental Engineering

ZHAOSHAN CHANG, 2018-B.S., Ph.D., Peking University; Ph.D., Washington State University; Professor of Geology and Geological Engineering

ANUJ CHAUHAN, 2018-B.S., Indian Institute of Technology; Ph.D., City College of New York, Levich Institute; Professor of Chemical and Biological Engineering

CRISTIAN CIOBANU, 2004-B.S., University of Bucharest; M.S., Ph.D., Ohio State University; Professor of Mechanical Engineering

AMY J. CLARKE, 2016-B.S., Michigan Technological University; M.S., Ph.D., Colorado School of Mines; Professor of Metallurgical & Materials Engineering

KADRI DAGDELEN, 1992-B.S., M.S., Ph.D., Colorado School of Mines; Professor of Mining Engineering

ELIZABETH VAN WIE DAVIS, 2009-B.A., Shimer College; M.A., Ph.D., University of Virginia; Professor of Humanities, Arts, and Social Sciences

BRANDON E. DUGAN, 2016-B.GeoE., University of Minnesota; Ph.D., Pennsylvania State University; Baker Hughes Chair in Petrophysics and Borehole Geophysics and Associate Professor of Geophysics

CHARLES G. DURFEE, III, 1999-B.S., Yale University; Ph.D., University of Maryland; Professor of Physics

H. SEBNEM DUZGUN, 2017-B.S., M.S., Ph.D, Middle East Technical University of Turkey; Professor of Mining Engineering

RODERICK G. EGGERT, 1986-A.B., Dartmouth College; M.S., Ph.D., The Pennsylvania State University; Professor of Economics and Business

ATEF Z. ELSHERBENI, 2013-B.S., M.S., Cairo University; Ph.D., University of Manitoba; Professor of Electrical Engineering

GREGORY E. FASSHAUER, 2016-M.A., Ph.D., Vanderbilt University; Professor of Applied Mathematics and Statistics

LINDA A. FIGUEROA, 1990-B.S., University of Southern California; M.S., Ph.D., University of Colorado; Professor of Civil and Environmental Engineering, P.E.

KIP FINDLEY, 2008-B.S., Colorado School of Mines; Ph.D., Georgia Institute of Technology; Professor of Metallurgical and Materials Engineering

CARL FRICK, 2021-B.S., Ph.D., University of Colorado, Boulder; Professor and Department Head of Mechanical Engineering

PATRICE GENEVET, 2023-M.S. University of Cote d'Azur, Ph.D. University of Nice Sophia Antipolis; Professor of Physics

THOMAS GENNETT, 2017-B.A., State University College of New York; Ph.D., University of Vermont; Professor and Department Head of Chemistry

BRIAN P. GORMAN, 2008-B.S., M.S., Ph.D., University of Missouri-Rolla; Professor of Metallurgical and Materials Engineering

UWE GREIFE, 1999-M.S., University of Munster; Ph.D., University of Bochum; Professor of Physics

D. VAUGHAN GRIFFITHS, 1994-B.Sc., Ph.D., D.Sc., P.E., University of Manchester; M.S., University of California Berkeley; Professor of Civil and Environmental Engineering

MARTE GUTIERREZ, 2008-B.S., Saint Mary's University; M.S., University of the Philippines; Ph.D., University of Tokyo; James R.

Paden Distinguished Chair and Professor of Civil and Environmental Engineering

DORIT HAMMERLING, 2019-B.S., Universitaet fuer Bodenkultur; M.A., Ph.D., University of Michigan; Associate Professor of Applied Mathematics and Statistics

QI HAN, 2005-B.S., Yanshan University of China; M.S., Huazhong University of Science and Technology China; Ph.D., University of California, Irvine; Professor of Computer Science

ANDREW M. HERRING, 2006-B.S., Ph.D., University of Leeds; Professor of Chemical Engineering

CHRISTOPHER P. HIGGINS, 2008-A.B. Harvard University; M.S. Stanford University; Ph.D. Stanford University; Professor of Civil and Environmental Engineering

TERRI S. HOGUE, 2012-B.S., University of Wisconsin; M.S., Ph.D., University of Arizona; Professor of Civil and Environmental Engineering and Dean of Earth and Society Programs

RICHARD C. HOLZ, 2019-B.S., Bemidji State University; M.S., University of Minnesota-Duluth; Ph.D., The Pennsylvania State University; Professor of Chemistry and Provost

GREG S. JACKSON, 2013-B.S., Rice University; M.S., Ph.D., Cornell University; Professor of Mechanical Engineering

MARK P. JENSEN, 2015-B.S., Bethel College; Ph.D., Florida State University; Professor of Chemistry

KATHRYN JOHNSON, 2005-B.S., Clarkson University; M.S., Ph.D., University of Colorado; Professor of Electrical Engineering

HOSSEIN KAZEMI, 2004-B.S., University of Texas at Austin; Ph.D., University of Texas at Austin; Chesebro' Distinguished Chair in Petroleum Engineering; Co-Director of Marathon Center of Excellence for Reservoir Studies and Professor of Petroleum Engineering

ROBERT J. KEE, 1996-B.S., University of Idaho; M.S., Stanford University; Ph.D., University of California at Davis; George R. Brown Distinguished Professor of Mechanical Engineering

JEFFREY C. KING, 2009-B.S., New Mexico Institute of Technology; M.S., Ph.D., University of New Mexico; Professor of Metallurgical and Materials Engineering

DANIEL M. KNAUSS, 1996-B.S., The Pennsylvania State University; Ph.D., Virginia Polytechnic Institute and State University; Associate Dean of Energy and Materials and Professor of Chemistry

CAROLYN KOH, 2006-B.S., Ph.D., University of West London, Brunel; Professor of Chemical and Biological Engineering

MICHAEL J. KAUFMAN, 2007-B.S., Ph.D., University of Illinois, Urbana; Professor of Metallurgical and Materials Engineering and Director of Materials and Manufacturing Initiatives

AMY E. LANDIS, 2017-B.S., Denison University, M.S., Ph.D., University of Illinois at Chicago; Professor of Civil and Environmental Engineering

JON LEYDENS, 2004-B.A., M.A., Ph.D., Colorado State University; Professor of Humanities, Arts, and Social Sciences

YAOGUO LI, 1999-B.S., Wuhan College of Geology, China; Ph.D., University of British Columbia; Professor of Geophysics

NING LU, 1997-B.S., Wuhan University of Technology; M.S., Ph.D., Johns Hopkins University; Professor of Civil and Environmental Engineering

JUAN C. LUCENA, 2002-B.S., M.S., Rensselaer Polytechnic Institute; Ph.D., Virginia Tech; Professor of Engineering, Design and Society

MARK T. LUSK, 1994-B.S., United States Naval Academy; M.S., Colorado State University; Ph.D., California Institute of Technology; Professor of Physics

DAVID W.M. MARR, 1995-B.S., University of California, Berkeley; M.S., Ph.D., Stanford University; Professor of Chemical and Biological Engineering

PAUL A. MARTIN, 1999-B.S., University of Bristol; M.S., Ph.D., University of Manchester; Professor of Applied Mathematics and Statistics, and Associate Department Head

SUVEEN MATHAUDHU, 2021-B.S.E., Walla Walla University; M.S., Ph.D., Texas A&M University; Professor of Metallurgical & Materials Engineering

JOHN E. McCRAY, 1998-B.S.,West Virginia University; M.S. Clemson University; Ph.D., University of Arizona; Professor of Civil and Environmental Engineering

DINESH MEHTA, 2000-B.Tech., Indian Institute of Technology; M.S., University of Minnesota; Ph.D., University of Florida; Professor of Computer Science

JENNIFER L. MISKIMINS, 2002-B.S., Montana College of Mineral Science and Technology; M.S., Ph.D., Colorado School of Mines; Professor and Department Head of Petroleum Engineering

THOMAS MONECKE, 2008-B.S, TU Bergakademie Freiberg, Germany and University of Edinburgh; M.S., TU Bergakademie Freiberg; Ph.D., TU Bergakademie Freiberg and Centre for Ore Deposit Research at the University of Tasmania; Professor of Geology and Geological Engineering

MICHAEL MOONEY, 2003-B.S., Washington University in St. Louis; M.S., University of California, Irvine; Ph.D., Northwestern University; Professor of Civil and Environmental Engineering

KEVIN MOORE, 2005-B.S.E.E., Louisiana State University; M.S.E.E., University of Southern California; Ph.D.E.E., Texas A&M University; Professor of Engineering Design and Society, Professor of Electrical Engineering, Director of Humanitarian Engineering, Director of Mine's Robotics Program

JUNKO MUNAKATA MARR, 1996-B.S., California Institute of Technology; M.S., Ph.D., Stanford University; Professor and Department Head of Civil and Environmental Engineering

PRISCILLA NELSON, 2014-B.A., University of Rochester; M.S., Indiana University; M.S., University of Oklahoma; Ph.D., Cornell University; Professor of Mining Engineering and Department Head

ALEXANDRA NEWMAN, 2000-B.S., University of Chicago; M.S., Ph.D., University of California, Berkeley; Professor of Mechanical Engineering

DOUGLAS NYCHKA, 2017-B.A, Duke University; Ph.D., University of Wisconsin, Madison; Professor of Applied Mathematics and Statistics

RYAN O'HAYRE, 2006-B.S., Colorado School of Mines; M.S., Ph.D., Stanford University; Professor of Metallurgical and Materials Engineering

KENNETH OSGOOD, 2011-B.A., University of Notre Dame, M.A., Ph.D., University of Santa Barbara; Professor of Humanities, Arts, and Social Sciences

UGUR OZBAY, 1998-B.S., Middle East Technical University of Ankara; M.S., Ph.D., University of the Witwatersrand; Professor of Mining Engineering

ERDAL OZKAN, 1998-B.S., M.Sc., Istanbul Technical University; Ph.D., University of Tulsa; Co-Director of Marathon Center of Excellence for Reservoir Studies and Professor of Petroleum Engineering and F.H. "Mick" Merelli/Cimarex Energy Distinguished Department Head Chair

STEPHEN D.PANKAVICH, 2012-B.S., M.S., Ph.D., Carnegie Mellon University; Associate Professor of Applied Mathematics and Statistics

PIRET PLINK-BJORKLUND, 2006-B.S., M.S., Tartu University; Ph.D., Göteborg; Professor of Geology and Geological Engineering

MATTHEW C. POSEWITZ, 2002- B.A., Willamette University; Ph.D., Dartmouth College; Professor of Chemistry

MANIKA PRASAD, 2004-B.S, Bombay University; M.S., Ph.D., Kiel University: Co-Director of the Center for Rock and Fluid Multiphysics, and Professor of Geophysics

JAMES F. RANVILLE, 2004-B.S., Lake Superior State University; M.S., Ph.D., Colorado School of Mines; Professor of Chemistry

IVAR E. REIMANIS, 1994-B.S., Cornell University; M.S., University of California, Berkeley; Ph.D., University of California, Santa Barbara; Professor and Department Head of Metallurgical and Materials Engineering

RYAN M. RICHARDS, 2007-B.S., Michigan State University; M.S., Central Michigan University; Ph.D., Kansas State University; Professor of Chemistry

ANGUS A. ROCKETT, 2016-B.S., Brown University; Ph.D., Metallurgy University of Illinois; Professor of Metallurgical and Materials Engineering

PAUL M. SANTI, 2001-B.S., Duke University; M.S., Texas A&M University; Ph.D., Colorado School of Mines; Professor of Geology and Geological Engineering

FRÉDÉRIC SARAZIN, 2003-M.S., Ph.D., University of Caen, France; Ph.D., GANIL; Professor and Department Head of Physics

PAUL SAVA, 2006-B.S., University of Bucharest; M.S., Ph.D., Stanford University; C.H. Green Chair of Exploration Geophysics and Professor and Department Head of Geophysics

ALAN S. SELLINGER, 2012-B.S., Eastern Michigan University; M.S., Ph.D., University of Michigan; Professor of Chemistry

JENIFER C. SHAFER, 2012-B.S., Colorado State University; Ph.D., Washington State University; Professor of Chemistry

JEFFREY C. SHRAGGE, 2017-B.S., Queen's University; M.S., University of British Columbia; Ph.D., Standford University; Associate Professor of Geophysics

KAMINI SINGHA, 2012-B.S., University of Connecticut; Ph.D., Stanford University; Professor of Geology and Geological Engineering and Associate Department Head

ALEXIS K. SITCHLER, 2012-B.S., Mesa State College; M.S., Colorado School of Mines; Ph.D., Pennsylvania State University; Associate Professor of Geology and Geological Engineering

JESSICA S. SMITH, 2012-B.A., Macalester College; Ph.D., University of Michigan; Hennebach Associate Professor of Energy Policy in Humanities, Arts, and Social Sciences

ROEL K. SNIEDER, 2000-Drs., Utrecht University; M.A., Princeton University; Ph.D., Utrecht University; Professor of Geophysics

STEPHEN A. SONNENBERG, 2007-B.S., M.S., Texas A&M University; Ph.D., Colorado School of Mines; Professor of Geology and Geological Engineering

JOHN R. SPEAR, 2005-B.A., University of California, San Diego; M.S. and Ph.D., Colorado School of Mines; Professor of Civil and Environmental Engineering

JOHN G. SPEER, 1997-B.S., Lehigh University; Ph.D., Oxford University; Professor of Metallurgical and Materials Engineering

JEFF SQUIER, 2002-B.S., M.S., Colorado School of Mines; Ph.D., University of Rochester: Professor of Physics

TIMOTHY J STRATHMANN, 2014-B.S. Purdue University; M.S., Purdue University, PH.D., Johns Hopkins University; Professor of Civil and Environmental Engineering and Associate Department Head

AMADEU K. SUM, 2008-B.S., M.S., Colorado School of Mines; Ph.D., University of Delaware; Professor of Chemical & Biological Engineering

BRIAN G. THOMAS, 2016-B.E., McGill University; Ph.D., University of British Columbia; Professor of Mechanical Engineering

ERIC TOBERER, 2011-B.S., Harvey Mudd College; Ph.D., University of California; Professor of Physics

ILYA D. TSVANKIN, 1992-B.S., M.S., Ph.D., Moscow State University; Professor of Geophysics

ALI C. TURA, 2016-B.S., Istanbul University; M.S., Ph.D., University of California, Berkeley; Director of Reservoir Characterization Project and Professor of Geophysics

TYRONE VINCENT, 1998-B.S. University of Arizona; M.S., Ph.D. University of Michigan; Professor of Electrical Engineering

BETTINA M. VOELKER, 2004-B.S., M.S., Massachusetts Institute of Technology; Ph.D., Swiss Federal Institute of Technology; Professor of Chemistry and Geochemistry

MICHAEL B. WAKIN, 2008-B.S., M.S., Ph.D., Rice University; Professor of Electrical Engineering

LAWRENCE R. WIENCKE. 2016-B.A., Dartmouth College; M.A., Ph.D., Colombia University; Professor of Physics

4 Professors

KIM R. WILLIAMS, 1997-B.Sc., McGill University; Ph.D., Michigan State University; Professor of Chemistry

COLIN WOLDEN, 1997-B.S., University of Minnesota; M.S., Ph.D., Massachusetts Institute of Technology, Professor of Chemical & Biological Engineering

LESLIE WOOD, 2015-M.S., University of Arkansas; Ph.D., Colorado State University; Weimer Distinguished Chair and Professor of Geology and Geological Engineering

DAVID TAI-WEI WU, 1996-A.B., Harvard University; Ph.D., University of California, Berkeley; Professor of Chemistry/Chemical and Biological Engineering

YU-SHU WU, 2008-B.S., Daqing Petroleum Institute, China; M.S., Southwest Petroleum Institute, China; M.S., Ph.D., University of California at Berkeley; Professor of Petroleum Engineering

XIAOLONG YIN, 2009-B.S., Beijing University, China; M.S., Lehigh University, Ph.D., Cornell; Associate Professor and Associate Department Head of Petroleum Engineering

WENDY ZHOU, 2008-B.S., China Geology University; M.S., University of Alaska and University of Missouri-Rolla; Ph.D., University of Missouri-Rolla; Professor of Geology and Geological Engineering