

2019
Wilson Awards
Banquet



*The College of Earth and Mineral Sciences'
annual celebration of accomplishments*

The Nittany Lion Inn
Sunday, April 28, 2019

Reception: 5:00 p.m.
Dinner: 6:00 p.m.

Matthew J. Wilson, Jr. *&* *Anne Coghlan Wilson*

Through their bequests, Matthew and Anne Wilson are the major benefactors of the College of Earth and Mineral Sciences (EMS). In the 1950s, Matthew Wilson inherited a stock portfolio that provided the basis for the funds he generously gave to the then-named School of Mineral Industries. His giving started in 1957 with a modest scholarship endowment and was later increased with additional gifts. Over the years the endowments blossomed into a substantial fund that today provides the college with support for its well-known student loan program and a number of faculty and student awards and scholarships. The fund also supports the annual Wilson Awards Banquet.

Matthew Wilson was born in Willow Grove, Pennsylvania, and graduated from Penn State in 1918 with a bachelor's degree in mining engineering. He attended the University of Colorado, where he received master's degrees in geology and chemistry and met his wife, Anne, a biochemist. After graduating, he started working as a chemist for the Atlantic Refining Company in Philadelphia and later moved to Holland, Michigan, where he developed a career in sales starting first with the U.S. Industrial Company, then the Karr Spring Company, and later with the Spring Air Company. He served as the Washington representative for Spring Air's industrial and military sales for many years; he also served on the company's board of directors. In retirement, the Wilsons lived in Michigan but moved to Scottsdale, Arizona, shortly before Matthew died in 1963.

Throughout the next twenty years Anne Wilson increased the family endowments and took an active interest in EMS students and faculty. When she died in 1983, it was said of her:

“Anne believed in giving. Her dream to become a doctor was never realized so she wanted the dreams of others to come true. She felt it was important that the University hold on to its best teachers. Awards were a wonderful way to do so.”

Rewarding Student Achievement

College Awards

Jay M. and Katherine DeFinis Award for Outstanding Student Leadership

Established in 2005, this award honors outstanding student leadership abilities within the student organizations of the college.

Grayson Doucette, Materials Science and Engineering

Virginia Marcon, Geosciences

Vivian Rennie, Meteorology and Atmospheric Science

Ellen Steidle Achievement Award

Established in 1953 by Dean Edward Steidle to honor the memory of his wife, this award recognizes students who have been active in advancing the welfare and improvement of the college.

Senior: **Andrew Patterson**, Geography

Junior: **Liam Cummings**, Energy Engineering and Energy Business and Finance

Dean Edward Steidle Memorial Scholar Award

Established in 1981 to honor Edward Steidle, dean of the college from 1929 to 1953, this award broadens the educational opportunities for EMS students.

Kittichote Veeranuntawet, Geosciences

The following awards and accomplishments will be acknowledged at the Spring 2019 Commencement Reception on Friday, May 3, 2019.

GEMS Diamond Award

Established in 2006, the GEMS Diamond Award grants a lifetime membership in the Penn State Alumni Association to a graduating student who is found to have the most well-rounded involvement and achievement in both the University and community environment during his/her student experience while in the college.

Katherine Campayo, Energy Business and Finance

Student Marshal

Shawn Stephen Murdzek, Dual B.S./M.S. Meteorology and Atmospheric Science, Minor in Mathematics

Shawn graduates Summa Cum Laude with a perfect 4.0 cumulative GPA.

Engineering Honor Marshal

Muhamad S. Hakimi Bin Daud, B.S. Petroleum and Natural Gas Engineering, Minor in Energy Business and Finance

Muhamad graduates Summa Cum Laude with a perfect 4.0 cumulative GPA.

Earth and Mineral Sciences Academy for Global Experience (EMSAGE)

The Earth and Mineral Sciences Academy for Global Experience (EMSAGE) was formed in 2009 as a vehicle to foster our students' global competence and to promote a spirit of integrity, service, and leadership. Our 2019 Laureates are listed below.

Katherine Campayo, Energy Business and Finance

Margot Dormer, Materials Science and Engineering

Beth Ann Eberle, Geosciences

Max Glines, Environmental Systems Engineering

Zachary Goulet, Energy Engineering

Joseph Grosso, Geography

Catherine Hanagan, Geosciences

Helen Kenion, Environmental Systems Engineering

Sangyeop Kim, Energy Business and Finance

Steven Langballe, Petroleum and Natural Gas Engineering

Shawn Murdzek, Meteorology and Atmospheric Science

Anthony Preucil, Meteorology and Atmospheric Science

Jake Rowe, Meteorology and Atmospheric Science

Kristina Salvatore, Meteorology and Atmospheric Science

Brandon Smith, Meteorology and Atmospheric Science

Savanna Smith, Meteorology and Atmospheric Science

Shaylee Traugh, Materials Science and Engineering

Christopher Watkins, Energy and Sustainability Policy

Mackenzie Williams, Meteorology and Atmospheric Science

Promotion and Tenure

Seth Blumsack, Professor of Energy Policy and Economics

Chris Forest, Professor of Climate Dynamics

Michael Hickner, Professor of Materials Science and Engineering

Erica Smithwick, Professor of Geography

Mort Webster, Professor of Energy Engineering

Christopher Fowler, Associate Professor of Geography

Elizabeth Hajek, Associate Professor of Geosciences

Shimin Liu, Associate Professor of Energy and Mineral Engineering



25-Year Service Awards

Eugene Clothiaux, Professor of Meteorology

Raymond Najjar, Professor of Oceanography

Suzanne Mohney, Professor of Materials Science and Engineering

Andrew Nyblade, Professor of Geosciences

Ann Taylor, Assistant Dean for Distance Learning and Director of the John A. Dutton e-Education Institute

Johannes Verlinde, Professor of Meteorology



Retirements

Robert Brooks, Professor of Geography

Barry Evans, Assistant Research Professor, EESI

Frederick Gadomski, Assistant Teaching Professor, Meteorology and Atmospheric Science

James Runt, Professor of Materials Science and Engineering

Recognizing Commitment to Service

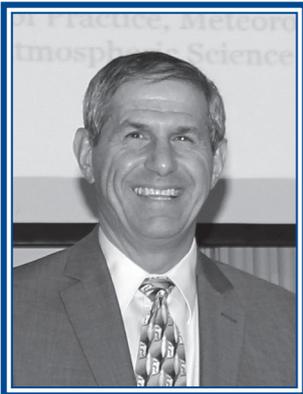
*Wilson Award for
Outstanding Service*



**Venkatraman
Gopalan**

Professor of Materials
Science and Engineering

Faculty Advising Award



Jon Nese

Associate Head, Undergraduate
Program in Meteorology and
Atmospheric Science; Teaching
Professor, Meteorology

Faculty Mentoring Award



Jeffery Kohler

George H. Jr. and Anne B.
Deike Endowed Chair in Mining
Engineering; Professor and Chair of
the Mining Engineering Program

Honoring Excellence in Teaching

Wilson Award for Excellence in Teaching



**Maureen
Feineman**

Associate Head for
Undergraduate Programs;
Associate Research
Professor, Geosciences

G. Montgomery and Marion Mitchell Award for Innovative Teaching



Ismaila Dabo

Assistant Professor of Materials
Science and Engineering



Eugene Morgan

Assistant Professor of Petroleum
and Natural Gas Engineering

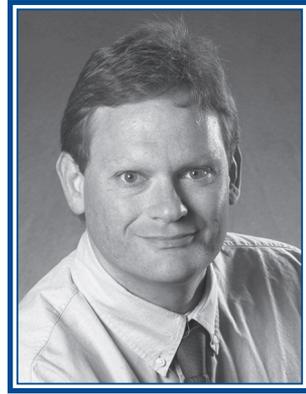
George H. K. Schenck
Teaching Assistant Award



Michelle Ritchie

Ph.D. Candidate in Geography and
Climate Science

John T. Ryan, Jr.
Faculty Fellow



Mort Webster

Professor of Energy
Engineering

Celebrating Excellence in Research

Wilson Award for Excellence in Research



Erica Smithwick

Professor of Geography

*George H. Deike, Jr.
Research Grant*



Randy Vander Wal

Professor of Energy and Mineral Engineering and Materials Science and Engineering

“Transitioning to the H2 Economy Using Shale Gas”

*Wilson Research
Initiation Grant*



Hamid Emami-Meybodi

Assistant Professor of Petroleum and Natural Gas Engineering

“A Diffusion Perspective on Solvent Injection in Ultratight Oil Reservoirs”

E. Willard and Ruby S. Miller Faculty Fellow



Alexander Klippel

Professor of Geography

“Transforming Education, Communication, and Decision-Making Paradigms for Earth and Geospatial Sciences”



Meng Wang

Assistant Professor of Environmental Systems Engineering

“Dynamics of Reactive Nitrogen Released into Environment in Biological Nutrient Removal Processes”

*Celebrating Junior Faculty
Accomplishments*

Gladys Snyder Junior Faculty Grants



Jeremy Gernand

Assistant Professor of Industrial
Health and Safety

**“An Engineering Design Simulator for
Risk-Related Decision Making”**



Danielle Hickey

Assistant Research Professor

**“Harnessing Machine Learning to
Engineer Quantum Materials”**

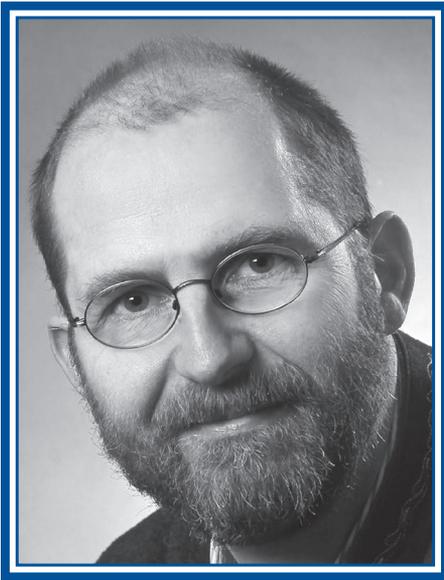


Joel Landry

Assistant Professor of Environmental
and Energy Economics

**“The Unintended Congestion Cost and
Greenhouse Gas Emissions Impacts of
Solar Policies in California”**

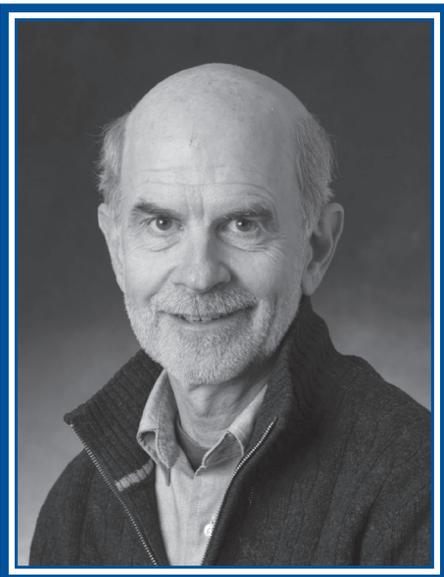
*Paul F. Robertson Award for
the EMS Breakthrough of the Year*



Klaus Keller

Professor of
Geosciences

Charles L. Hosler Alumni Scholar Medal



**Stanley
Benjamin**

NOAA Senior Scientist



PennState

College of Earth and Mineral Sciences

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