

General Faculty

September 5, 2017



MISSOURI
S&T

GENERAL FACULTY

I. Call to Order

II. Memorial Resolutions

- > None

III. Approval of Minutes

- > May 2, 2017 General Faculty Meeting
registrar.mst.edu/faculty/genfacmeetings

IV. Unfinished Business

- > None

GENERAL FACULTY

V. Introduction of New Officers

- > Interim Chancellor Christopher G. Maples
- > President of Faculty Senate Sahra Sedigh Sarvestani
- > Secretary Deanne Jackson
- > Parliamentarian Steven Corns

GENERAL FACULTY

VI. Reports of Standing or Special Committees

> None

VII. Introduction of New Faculty

NEW FACULTY

College of Engineering and Computing

- Richard Wlezien Vice Provost and Dean

Civil, Architectural & Environmental Engineering

- Magdy Abdelrahman Missouri Asphalt Pavement Association Endowed Professor
- XianBiao Hu Assistant Professor
- Juanyu (Jenny) Liu Associate Professor
- Chenglin Wu Assistant Professor

NEW FACULTY

Computer Science

- Santosh Gupta
- George Markowsky
- Linda Markowsky
- Patrick Taylor
- Peizhen Zhu

Assistant Professor

Department Chair

Assistant Teaching Professor

Assistant Teaching Professor

Assistant Teaching Professor

Electrical & Computer Engineering

- Rui Bo

Assistant Professor

NEW FACULTY

Engineering Management and Systems Engineering

- Suzanna Long Department Chair

Geosciences & Geological & Petroleum Engineering

- David Borrok Gulf Oil Foundation
Professor & Department Chair
- Abdulmohsin Imqam Assistant Professor

Materials Science & Engineering

- David Lipke Assistant Professor
- Haiming Wen Assistant Professor

NEW FACULTY

Mechanical & Aerospace Engineering

- | | |
|------------------|---------------------|
| – Xiangyang Dong | Assistant Professor |
| – Daoru Han | Assistant Professor |

NEW FACULTY

College of Arts, Sciences, and Business

Aerospace Studies Air Force

- Brent Unger Department Chair

Arts, Languages, & Philosophy

- Patrick Gamez Visiting Assistant Professor
- Taylor Gruenloh Lecturer
- Kendrea James Lecturer
- David Samson Assistant Professor
- Courtney Webster Lecturer
- Scott Arthur Lecturer

NEW FACULTY

Biological Sciences

– David Duvernell

Department Chair

Business & Information Technology

– Yu (Steve) Liu

Assistant Professor

Economics

– Yishu Zhou

Assistant Professor

NEW FACULTY

History and Political Science

- | | |
|---------------------|---------------------|
| – Alanna Krolkowski | Assistant Professor |
| – Justin Pope | Assistant Professor |

Mathematics & Statistics

- | | |
|----------------|------------------------------|
| – Daozhi Han | Assistant Professor |
| – Kelley Koob | Assistant Teaching Professor |
| – Jason Murphy | Assistant Professor |

Physics

- | | |
|----------------|------------------------------|
| – James Musser | Assistant Teaching Professor |
|----------------|------------------------------|

NEW FACULTY

Psychological Sciences

- Susan Murray Department Chair

Teacher Education Program

– Michelle Schwartze Assistant Teaching Professor

GENERAL FACULTY

VIII. New Business

- > Chancellor's Report
- > Faculty Senate President's Report

CHANCELLOR'S REPORT

Interim Chancellor Christopher G. Maples
General Faculty, Sept. 5, 2017



2017 NEW FACULTY

New faculty come from these universities:



PURDUE
UNIVERSITY



UNIVERSITY OF
NOTRE DAME

**IOWA STATE
UNIVERSITY**



UConn



1865 THE UNIVERSITY OF
MAINE



UNIVERSITY of
LOUISIANA
LAFAYETTE

ARKANSAS
TECH
UNIVERSITY

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE

Berkeley
UNIVERSITY OF CALIFORNIA



**CHESTNUT
HILL
COLLEGE**



UNIVERSITY OF
ALBERTA



WPI

Beloit
College

**UMASS
AMHERST**

Alfred University



UNIVERSITY OF
OREGON

UAF
UNIVERSITY OF
ALASKA
FAIRBANKS



Rensselaer



THE UNIVERSITY
OF ARIZONA

NDSU NORTH DAKOTA
STATE UNIVERSITY

Idaho State
UNIVERSITY

2017 NEW FACULTY

New faculty earned their PhDs at:



HARVARD
UNIVERSITY



UNIVERSITY OF
NOTRE DAME

PURDUE
UNIVERSITY



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE



THE UNIVERSITY of
MISSISSIPPI



USC University of
Southern California



UNIVERSITY OF
OREGON

Georgia
Tech



UMASS
AMHERST



UNIVERSITY OF
TORONTO



University of Colorado
Denver

THE GEORGE
WASHINGTON
UNIVERSITY

WASHINGTON, DC



VirginiaTech
Invent the Future

MISSOURI
S&T



THE UNIVERSITY
OF ARIZONA



Rensselaer



ILLINOIS
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

2017 NEW FACULTY

Areas of expertise and research include:

- American Revolution
- Asphalt applications
- Astronautical engineering
- Comparative politics
- Computer networks
- Complex electricity markets
- Computational mathematics
- Cybersecurity
- Environmental economics
- Isotopic and environmental geochemistry
- Genetics
- Hydraulic fracturing
- Industrial organization
- Infrastructure sustainability
- International relations in high-tech sectors
- Irradiation effects in materials
- Modeling electromagnetic fields
- Music history
- Neural networks
- Partial differential equations from fluid dynamics
- Petroleum engineering
- Piezoelectric nanomaterials
- Plasma dynamics
- Power system planning
- Smart buildings
- Smart transportation
- Social and political theory
- Transportation engineering
- Ultra-high temperature materials
- Wireless and sensor networks

RECENT ACCOMPLISHMENTS

College of Arts,
Sciences, and Business

- > \$800,000 NSF grant
on energy
management in
smart homes
 - Dr. Denise Baker
- > \$100,000 NEH grant
for Latin American
studies minor
 - Dr. Kathryn Dolan
 - Dr. Kathleen Sheppard



RECENT ACCOMPLISHMENTS

College of Engineering and Computing

> NSF CAREER Awards

- Dr. Jie Gao, optical metasurfaces
- Dr. Ed Kinzel, scaling metasurface manufacturing
- Dr. Xiaodong Yang, optical metasurfaces research
- Dr. Caizhi Zhou, metallic composites

> ONR Young Investigator

- Dr. Xiaodong Yang



THANK YOU! QUESTIONS?



GENERAL FACULTY

VIII. New Business

- > Faculty Senate President's Report
 - Sahra Sedigh Sarvestani

GENERAL FACULTY

- > IX. Announcements
- > X. Adjournment