

You're invited to the  
**Chemical Engineering and**  
**Materials Science and Engineering**

# Open House



**Saturday, October 19, 2019**  
**9 a.m. – 1 p.m.**

(registration begins at 8:30 a.m.)

**PSF 166, Tempe campus**

**Register online\***  
**[etouches.com/semteopenhouse2019](http://etouches.com/semteopenhouse2019)**

\*Lunch will be provided for all registered event guests.

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— U.S. News & World Report, 5 years, 2016–2020



# Join us!

[semte.engineering.asu.edu](http://semte.engineering.asu.edu)

Learn about admission and scholarship information | Discover career paths in chemical and materials engineering | Meet our students and faculty | Visit our instructional and research labs | Tour the Fulton Schools Residential Community at Tooker House (optional, following the event)



Assistant Professor Heather Emady analyzes granular materials combined with liquids at microscopic levels using high-speed imaging technology.

**Chemical engineers** apply the principles of chemistry, biology, physics, mathematics and economics to **create new products, design chemical processes, develop energy resources and protect the environment**. Examples of chemical engineers' duties include:

- Advancing biomedicine
- Generating energy
- Developing electronics
- Improving materials
- Enhancing food production
- Environmental sustainability

**Materials engineers** invent, design and manufacture advanced materials for all high-tech industries. Example applications include:

- Nanotechnology and nanomechanics
- Lightweight and high temperature materials
- 3D Printing and additive manufacturing
- High resolution electron Microscopy
- Semiconductors
- Advanced biomaterials



Pranvera Kolari and Associate Professor Sefaattin Tongay study potential applications of hexagonal boron nitride (hBN).

**ASU** Ira A. Fulton Schools of **Engineering**

**Arizona State University**

School for Engineering of Matter,  
Transport and Energy

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