

NELSON W.

**TAYLOR** LECTURE IN  
MATERIALS  
2024

# MATERIALS FOR ENERGY INNOVATION

**FRIDAY, OCTOBER 11**

Heritage Hall, HUB-Robeson Center

**11:20 a.m.**

*Keynote Speaker:*

**Sossina M. Haile**

Walter P. Murphy Professor of Materials Science and Engineering and Professor of Applied Physics, Northwestern University

**"Protonic Electrochemistry for Sustainable Energy Technologies"**



**Bed Poudel**

Research Professor of Materials Science and Engineering, Penn State

**"Towards Sustainable Energy: Important Role of Materials Science"**

**8:20 a.m.**



**Jacqueline O'Connor**

Professor of Mechanical Engineering, Penn State

**"Challenges in Decarbonizing Gas Turbine Engines: Materials, Fuels, and Beyond"**

**9:15 a.m.**

**Nutifafa Y. Doumon**

Assistant Professor of Materials Science and Engineering, Penn State

**"Novel Semiconductor Inks: Materials for Solar Energy Harvesting Innovation"**

**10:20 a.m.**



Join us for coffee and donuts starting at 7:45 a.m.