Faculty and Research

R. Michael Banish; Ph.D., University of Utah
  Associate Professor
  Crystal growth, materials synthesis and
  characterization, transport property measurements

Yu Lei; Ph.D., University of Illinois, Chicago
  Associate Professor
  Atomic layer deposition, catalysis, energy storage, surface
  and interfaces

Kyung-Ho Roh; Ph.D., University of Michigan
  Assistant Professor
  Immunoengineering via biomaterials and cellular and
  molecular engineering

Judy Schneider, Ph.D., University of California, Davis
  Adjunct Professor
  Mechanical behavior and characterization, polymeric
  composites, friction stir welding, additive manufacturing

Anu Subramanian; Ph.D., Virginia Tech
  Professor, Chair
  Bioprocessing, large scale culture of stem cells, biomedical
  applications of low-intensity-ultrasound

Isaac Torres-Diaz; Ph.D., University of Puerto Rico at
  MayaÜez
  Assistant Professor
  Synthesis, characterization, real-time imaging, and multi-
  scale modeling of colloidal suspensions composed of
  anisotropic particles

Jeffrey J. Weimer; Ph.D., MIT
  Associate Professor
  Fundamental chemistry and structure of materials sur-
  faces as applied to adhesion phenomena, thin film coat-
  ings, biocompatibility and surface functionalization

Tingting Wu, Ph.D., University of Florida
  Adjunct Associate Professor
  Sustainable water/wastewater treatment, water reuse,
  stormwater/non-profit source pollution control

Degree Programs

- MSE in Chemical Engineering
- MS in Materials Science
- PhD in Materials Science
- PhD in Biotechnology
- PhD in Mechanical Engineering with ChE Concentration

Our graduate programs in Chemical Engineering take advantage of the frontier research and technology development at UAH and Cumming's Research Park through graduate-level courses and project work. Whether you are looking for your Master or PhD degree, our curriculum provides students with skills and technical readiness for a variety of academia, industry, and governmental research careers.

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