Ph.D. and M.S. Graduate Program in Chemical Engineering at the University of Massachusetts - Amherst

Application Deadline January 15th 2018

(visit che.umass.edu or contact gradadm@grad.umass.edu)

Research Areas
- Bioengineering
- Biofuels & Sustainable Energy
- Materials Science & Engineering
- Molecular & Multi-scale Modeling
- Fluidic Mechanics & Transport Phenomena

Why UMass-Amherst?
- Highly ranked graduate program
- Modern research facilities
- Attractive location in New England
- Award winning campus dining

Bioinspired Materials
- Biomimetic Materials
- Engineered Tumors
- Engineered Tissues

Graphene-based Nanocomposites
- Catalytic Reactions
- Modeling porous Nanomaterials

Bacterial Cancer Therapy
- Materials for Energy
- External detectable signal
- Propeller targeting
- Environmental sensor
- Cytoplasmic molecule