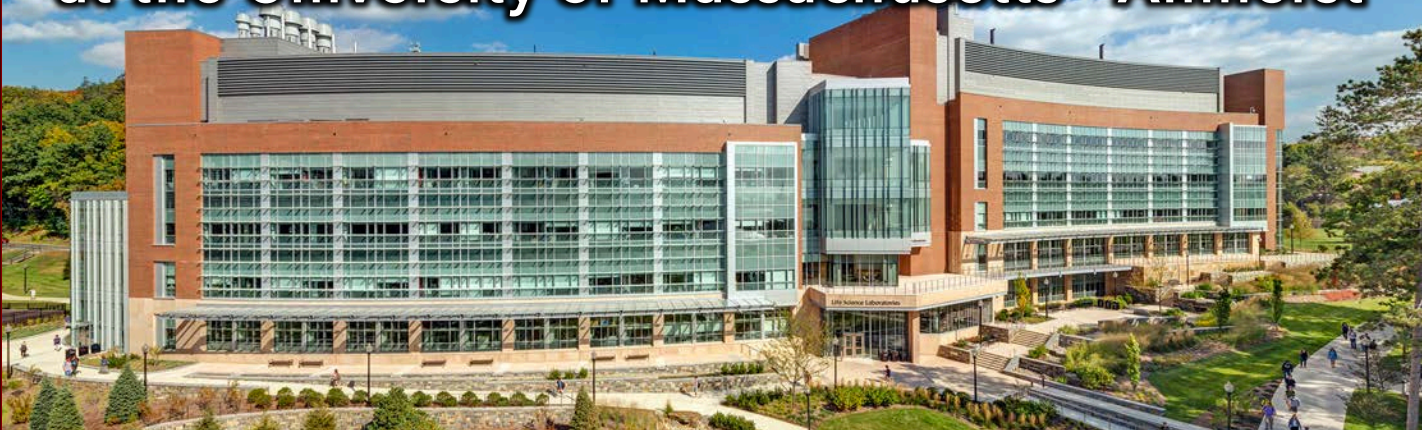


# Ph.D. and M.S. Graduate Program in Chemical Engineering at the University of Massachusetts - Amherst



## Research Areas

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



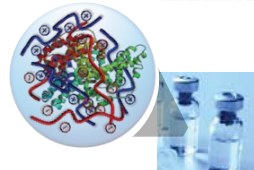
## Why UMass-Amherst?

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

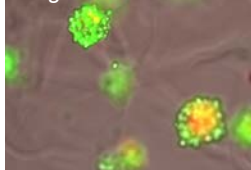
Bioinspired Materials



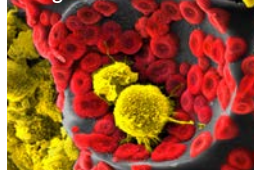
Biomimetic Materials



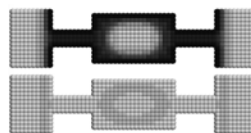
Engineered Tumors



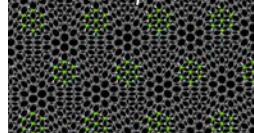
Engineered Tissues



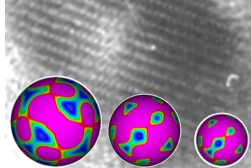
Modeling porous Nanomaterials



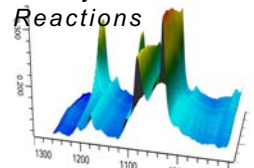
Graphene-based Nanocomposites



Quantum Dots



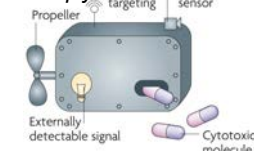
Catalytic Reactions



Materials for Energy



Bacterial Cancer Therapy



**Application Deadline January 15<sup>th</sup> 2018**

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