



UNIVERSITY
of NEW HAMPSHIRE

CHEMICAL ENGINEERING
PhD MS MEng

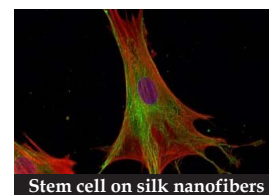
<http://ceps.unh.edu/chemical-engineering>



The Department of Chemical Engineering at UNH is located in the recently renovated Kingsbury Hall with state-of-the-art facilities in Biocatalysis, Biomaterials, Biomedical Engineering, Diagnostic Sensors, Electrochemical Engineering, Fuel Cells and Nanomaterials, Interfacial Flows, Molecular Simulations, Surface Chemistry, and Synthetic Biology. We offer PhD, MS, and MEng degrees in Chemical Engineering. All of our doctoral students are fully supported by teaching or research assistantships. UNH is located in Durham, NH 60 miles north of Boston, 14 miles from the Atlantic coast, and is conveniently located near New Hampshire's lakes and mountains.

Dale P. Barkey
Electrodeposition,
Micro- and Nano-
Fabrication, Anodizing

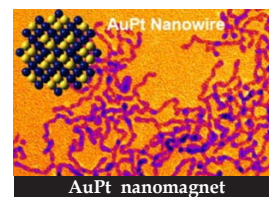
Jeffrey M. Halpern
Diagnostic Sensors, Surface
Chemistry, Electrochemistry,
Sensor Development



Stem cell on silk nanofibers

Russell T. Carr
Non-linear Dynamics,
Blood Rheology,
Microfluidics

Kyung Jae Jeong
Biomaterials and
Surface Chemistry for
Tissue Engineering



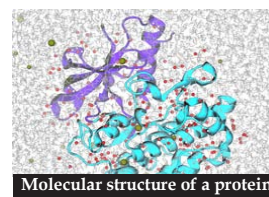
AuPt nanomagnet

P. T. Vasudevan
Biocatalysis, Biofuels,
Bioengineering

Kang Wu
Synthetic Biology, Protein
Secretion, Biofuels,
Bioremediation

Nivedita R. Gupta
Computational Fluid
Dynamics, Encapsulation,
Interfacial Flows

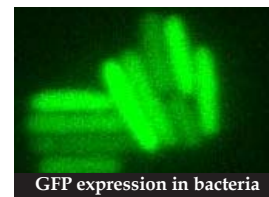
Harish Vashisth
Computational Biophysics,
Biomolecular Simulations of
Proteins and Nucleic Acids



Molecular structure of a protein

Xiaowei Teng
Nanomaterials, Fuel Cells,
Supercapacitors,
Reaction Engineering

Young Jo Kim
Edible electronics,
Material Science



GFP expression in bacteria

Nan Yi
Environmental Catalysis,
C₁ Chemistry for Energy
Applications

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