COLLEGE OF ENGINEERING

CHEMICAL ENGINEERING

VIRGINIA TECH

FACULTY

Luke E.K. Achenie (Carnegie Mellon)
Modeling of chemical and biological systems

Michael J. Bortner (Virginia Tech)
Polymer nanocomposites, interfaces, morphology and structure-property relationships

Richey M. Davis (Princeton)
Colloids and polymer chemistry, nanostructured materials

SanketA. Deshmukh (Univ. College Dublin)
Multi-scale modeling of hybrid materials development of computational models & methods

William A. Ducker (Australian Natl. Univ.)
Colloidal forces, surfactant self-assembly, atomic force microscopy

Aaron S. Goldstein (Carnegie Mellon)
Tissue engineering, interfacial phenomena in bioengineering

Ayman M. Karim (New Mexico)
Heterogeneous catalysis, nucleation/growth of colloidal nanoparticles

Sheima Khatib (Autonomous University of Madrid)
Heterogeneous catalysis, reactor engineering, C1 chemistry

Erdogan Kiran (Princeton)
Supercritical fluids, polymer science, high pressure techniques

Y. A. Liu (Princeton)
Pollution prevention and computer-aided design

Chang Lu (Illinois)
Microfluidics for single cell analysis, gene delivery

Stephen M. Martin (Minnesota)
Soft materials, self-assembly, interfaces

Padma Rajagopalan (Brown)
Polymeric biomaterials, cell and tissue engineering

Rong Tong (Illinois)
Polymer chemistry, biomaterials, nanomedicine

Abby R. Whittington (Illinois)
Tissue engineering, controlled release of proteins

Steven P. Wrenn (Delaware)
Biological colloids, membrane phase behavior,ultrasound contrast agents, drug delivery vehicles

Hongliang Xin (Michigan)
Computational catalysis, kinetic theory of electron transfer processes, understanding-driven catalyst screening

For more information, contact:
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