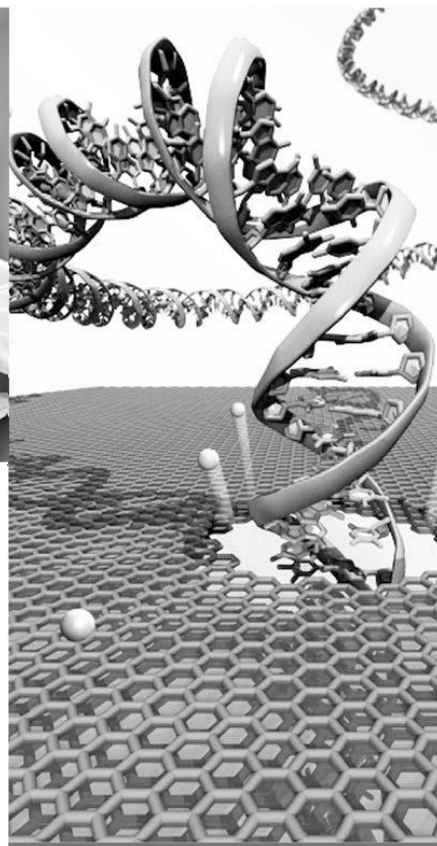
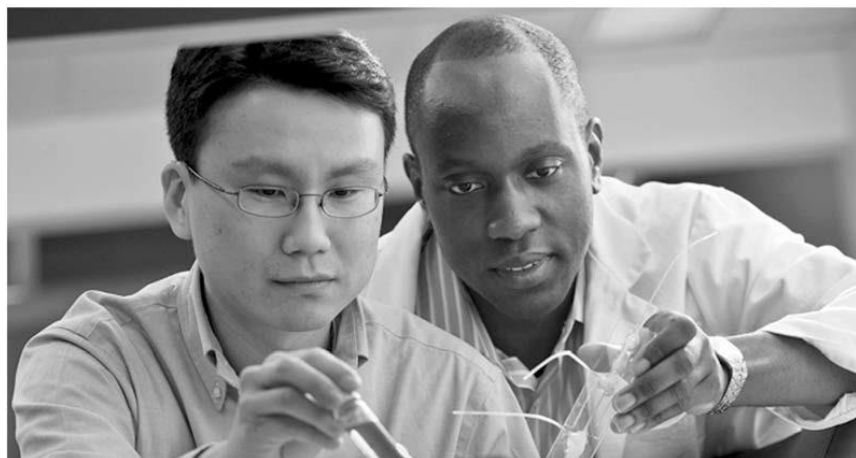


UNIVERSITY *of* PENNSYLVANIA

Chemical & Biomolecular Engineering



FACULTY:

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Tobias Baumgart *Physical chemistry and mechanics of biological membranes, cell/surface interactions*

Sue Ann Bidstrup Allen *Polymeric and electronic materials, Electronic packaging and interconnection, high performance batteries*

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John C. Crocker *Single-molecule biophysics, cell mechanics, soft glasses*

Scott L. Diamond *Protein and gene delivery, mechano-biology, blood systems biology, drug discovery*

Dennis E. Discher *Polymersomes, protein folding, stem cell rheology, gene and drug delivery*

Zahra Fakhraei *Surface and interface properties of soft matter, polymer and organic glass thin films, stable glasses, plasmonics, biopolymer self-assembly*

Raymond J. Gorte *Heterogeneous catalysis, supported metals, oxide catalysis, electrodes for solid-oxide fuel cells*

Daniel A. Hammer *Cellular bioengineering, biointerfacial phenomena, adhesion*

David Issadore *Medical diagnostics, bioMEMS, magnetics, optofluidics, microfluidics*

Daeyeon Lee *Surface and interface science; polymer/nanoparticle thin films; microfluidics; emulsion science; stimuli-responsive microcapsules, soft matter*

Bomyi Lim *Transcriptional regulation, dynamics of living tissues, quantitative image analysis, biophysics*

Chinedum Osuji *Structure and dynamics of soft matter and macromolecular materials, directed self-assembly, rheology of complex fluids*

Amish J. Patel *Biological self-assembly, desalination, salvation in nano-confined geometries, li-ion batteries, nano-structured polymers*

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Talid R. Sinno *Transport and reaction, statistical mechanical modeling*

Kathleen J. Stebe *Nanomaterials, surfaces and interfaces, dynamics of self-assembly, surfactants*

John M. Vohs *Surface science, catalysis, electronic materials processing*

Aleksandra Vojvodic *computational materials design for energy conversion and chemical transformations, catalysis, transition-metal compound chemistry*

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