DREXEL UNIVERSITY CHEMICAL AND BIOLOGICAL ENGINEERING

BIOCHEMICAL ENGINEERING ELECTROCHEMICAL ENGINEERING ENERGY AND THE ENVIRONMENT MODELING AND SIMULATION POLYMER SCIENCE AND ENGINEERING

FACULTY

DIES

RADUATE

CAMERON F. ABRAMS

Department Head PhD, University of California, Berkeley Molecular simulations in biophysics and materials; Receptors for insulin and growth factors; HIV-1 envelope structure and function; thermoset polymers

ALLAN MAR

NICOLAS J. ALVAREZ PhD, Carnegie Mellon University Optical Field Chromatography ; Extensional rheology of power lowmers: interdicial transport phenomenon

of novel polymers; interfacial transport phenomenon; Water-based lubrication

JASON B. BAXTER PhD, University of California, Santa Barbara

Solar cells; Semiconductor nanomaterials; Ultrafast spectroscopy

RICHARD A. CAIRNCROSS PhD, University of Minnesota Biodiesel production; Sustainable engineering; Systems for environmental monitoring; Ultralight aerodynamic structures

MEGAN A. CREIGHTON PhD, Brown University

Nanotechnology; Surface and interfacial science; Complex fluids; Green manufacturing

PETER E. DEAK

PhD, University of Notre Dame Immunoengineering; bioengineering of innate immunity; biomaterials for autoimmune diseases and transplantation; nanotechnology for drug delivery

AARON T. FAFARMAN

PhD, Stanford University Colloidal nanocrystals; Solution-processed solar cells; Electrical and spectroscopic characterization of nanomaterials

VIBHA KALRA

PhD, Cornell University Electrospinning of nanofibers; Binder-free electrodes for energy devices; In-situ Spectro electrochemistry; molecular simulations

JOSHUA LEQUIEU

PhD, University of Chicago Modeling and simulation of soft materials; Polymer physics; Biophysics

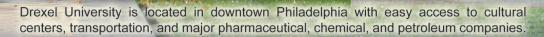
JOSHUA SNYDER

PhD, Johns Hopkins University Electrocatalysis ; Nanoporous nanostructures ; Fuel cells; Batteries; Water electrolysis

MASOUD SOROUSH

PhD, University of Michigan Systems engineering ; Polymer reaction engineering ; Polymer membranes; Renewable power generation and storage systems

MAUREEN TANG PhD, University of California, Berkeley Batteries; Catalysis; Electrochemical engineering; Energy storage and conversion: interfacial transport and reaction



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