

UNIVERSITY OF CONNECTICUT

Storrs, CT 06269-3136

Materials Science & Engineering Program

Department of Chemical, Materials & Biomolecular Engineering



Mark Aindow, Professor
Ph.D., University of Liverpool, England
Email: m.aindow@uconn.edu
Phone: (860) 486-2644
Expertise: Defects and interfaces, microstructural development in alloys and thin films, and electron microscopy.



Harold Brody, Distinguished Professor
ScD., MIT
Email: brody@enr.uconn.edu
Phone: (860) 486-0853
Expertise: Materials processing, alloy casting and solidification, and process models.



Rainer Hebert, Assistant Professor
Ph.D., University of Wisconsin-Madison
Email: rhebert@ims.uconn.edu
Phone: (860) 486-3155
Expertise: Phase transformations, metals and alloys, metallic glasses, severe plastic deformation processing.



Theo Kattamis, Professor
ScD., MIT
Email: tkattami@ims.uconn.edu
Phone: (860) 486-4718
Expertise: Solidification and metals joining, materials processing, thin coatings and tribology.



Rampi Ramprasad, Assistant Professor
Ph.D., University of Illinois
Email: rampi@ims.uconn.edu
Phone: (860) 486-4102
Expertise: Materials modeling & computation, nano-materials, thin films & interfaces, photonic crystals & meta-materials.



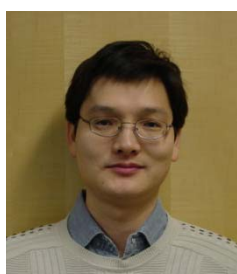
Leon Shaw, Professor
Ph.D., University of Florida
Email: lshaw@ims.uconn.edu
Phone: (860) 486-2592
Expertise: Nanomaterials, coatings, composites, freeform fabrications, and hydrogen storage materials.



C. Barry Carter, Professor & CMBE
Department Head
ScD., Cambridge University, England
D.Phil., Oxford University, England
Email: CBCarter@enr.uconn.edu
Phone: (860) 486-4020
Expertise: Ceramics, semiconductors, microscopy: TEM, SEM, & AFM, interfaces & defects.



Pamir Alpay, Associate Professor
Ph.D., University of Maryland
Email: p.alpay@ims.uconn.edu
Phone: (860) 486-4621
Expertise: Ferrous materials, thermodynamics & kinetics of phase transformations, thin film deposition.



Puxian Gao, Assistant Professor
Ph.D., Georgia Institute of Technology
Email: puxian.gao@ims.uconn.edu
Phone: (860) 486-9213
Expertise: Nanomaterials synthesis and characterization, nanotechnology for biomedical applications.



Bryan Huey, Assistant Professor
Ph.D., University of Pennsylvania
Email: bhuey@ims.uconn.edu
Phone: (860) 486-3284
Expertise: Scanning probe microscopy, nanoscience, electronic materials, texture, and ceramics.



Harris Marcus, Director, Institute of Materials Science and Professor
Ph.D., Northwestern University
Email: hmarcus@ims.uconn.edu
Phone: (860) 486-4623
Expertise: Freeform fabrication, mechanical behavior, fatigue, nanotechnology, and photonic crystals.



George Rossetti, Associate Professor
Ph.D., Pennsylvania State University
Email: rossetti@ims.uconn.edu
Phone: (860) 486-2922
Expertise: Electroceramic materials: crystal chemistry and physics, particulate processing, and crystal growth.



Mei Wei, Associate Professor
Ph.D., University of New South Wales, Australia
Email: m.wei@ims.uconn.edu
Phone: (860) 486-9253
Expertise: Biomaterials, ceramics, coatings and composites.