

Texas A&M Mechanical Engineering Faculty and Their Research

www.mengr.tamu.edu/people/faculty.html

The department has **54** full-time tenured and tenure-track faculty in fall 2008

Center/Laboratory Directors

Endowed Chairs and Their Research



Prof. R. Bowen
Sara and John H. Lindsey '44 Chair
[Continuum Mechanics]



Prof. D. Childs
Regents Professor and Leland T. Jordan Chair
[Rotordynamics]



Prof. J.C. Han
Distinguished Professor and Easterling Chair
[Gas Turbine Heat Transfer]



Prof. K. Rajagopal
Distinguished Professor and Forsyth Chair
[Mechanics, Biomechanics]



Prof. J.N. Reddy
Distinguished Professor and Wyatt Chair
[Finite Element Analysis]



Prof. W.D. Turner
Director of Energy Systems Laboratory
[Building and Plant Energy Efficiency]



Prof. H.J. Sue
Director of Polymer Technology Center
[Functional Polymers and Nanoparticles]



Prof. D. Childs
Director of Turbomachinery Laboratory
[Rotordynamics]



Endowed Professors and Their Research



Prof. N.K. Anand
James and Ada Forsyth Professor
[Numerical Heat Transfer and Fluid Flow, Energy]



Prof. K. Annamalai
G. Paul Pepper Professor
[Coal and Biomass Combustion]



Prof. J. Caton
Thomas A. Dietz Professor
[Combustion, Internal Combustion Engines, Alternative Fuels]



Prof. D. Claridge
Leland Jordan Professor
[Energy Systems and Efficiency]



Prof. S. Jayasuriya
Meinhard H. Kotzebue Professor
[Robust Control and Sensors]



Prof. I. Karaman
Dietz Career Development (Associate) Professor I
[Nanocrystalline Materials, Shape Memory Alloys]



Prof. W.-J. Kim
Dietz Career Development (Associate) Professor II
[Precision Mechatronics]



Prof. Helen Liang
Jordan Career Development (Associate) Professor
[Nanotribology, Nanomanufacturing]



Prof. A. McFarland
Oscar S. Wyatt, Jr. Professor
[Aerosol Mechanics, Bioaerosols]



Prof. G.L. Morrison
Nelson-Jackson Professor
[Laser Anemometry, Turbulence]



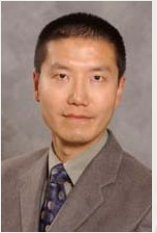
Prof. D.L. O'Neal
Holdredge/Paul Professor and Head
[HVAC Systems, Heat Pump Systems]



Prof. L. San Andres
Mast-Childs Tribology Professor
[Gas Film Lubrication]

Assistant Professors and Their Research

Four (4) other new assistant professors will join the Department in spring 2009



Dr. B. Guo
D.Eng., Tsinghua, 1998
[Aerosol, Combustion]



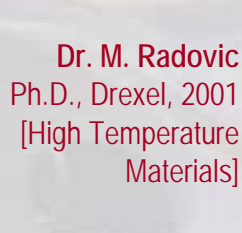
Dr. D. Banerjee
Ph.D., UCLA, 1999
[Boiling Heat Transfer, Nanotechnology]



Dr. X. Zhang
Ph.D., North Carolina State, 2001
[Thin Films, Coating, and Microscopy]



Dr. J. Grunlan
Ph.D., Minnesota, 2001
[Polymer Nanocomposites]



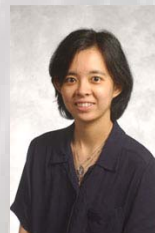
Dr. M. Radovic
Ph.D., Drexel, 2001
[High Temperature Materials]



Dr. R. Arroyave
Ph.D., MIT, 2004
[Computational Materials Science]



Dr. Ana Muliana
Ph.D., Georgia Tech, 2004
[Micromechanics and Computational Mechanics]



Dr. C. Yu
Ph.D., UT Austin, 2004
[Nanostructured Materials for Energy Conversion Systems, and Measurements of Properties of Nanostructures]



Dr. B. Rasmussen
Ph.D., Illinois, 2005
[Advanced Control of Energy Systems]



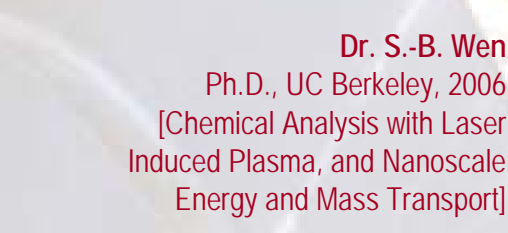
Dr. T. Jacobs
Ph.D., Michigan, 2005
[Novel Diesel Combustion Development]



Dr. C. Schwartz
Ph.D., Iowa State, 2006
[Biomaterials, Artificial Joints]



Dr. A. Duggleby
Ph.D., Virginia Tech, 2006
[Turbulence, Computational Diagnostics, and Large-Scale Simulations]



Dr. S.-B. Wen
Ph.D., UC Berkeley, 2006
[Chemical Analysis with Laser Induced Plasma, and Nanoscale Energy and Mass Transport]



Dr. A. Ames
Ph.D., UC Berkeley, 2006
[Dynamical, Control, Robotic, and Hybrid Systems]



Dr. Julie Linsey
Ph.D., UT Austin, 2007
[Engineering Design Theory and Methods, and Engineering Innovation and Creativity]

