

Dr. Martha C. Mitchell

Academic Department Head / Associate Professor, Chemical Engineering
Department, New Mexico State University, Las Cruces, New Mexico 88003

Office: 505-646-2093

Fax: 505-646-7706

Email: martmitc@nmsu.edu



Education

1989 B.S. Chemical Engineering, University of Wisconsin-Madison
1996 Ph.D. Chemical Engineering, University of Minnesota-Minneapolis

Professional Experience

2005-present Academic Dept. Head, Department of Chemical Engineering, New Mexico State University
2004-2005 Interim Academic Dept. Head, Department of Chemical Engineering, New Mexico State University
2002-Present Associate Professor, Department of Chemical Engineering, New Mexico State University
1996-2002 Assistant Professor, Department of Chemical Engineering, New Mexico State University
2001 Visiting Summer Faculty, Sandia National Laboratories, Albuquerque, NM
1997 Visiting Professional, Exxon Research and Engineering, Annandale, NJ
1995-1996 Lecturer, Department of Chemical Engineering and Materials Science, University of Minnesota-Minneapolis

Primary Research Interests

Computer modeling of adsorption of biothreat agents on carbon nanotubes; removal of arsenic from drinking water; evaluation of water quality in the Rio Grande/Rio Bravo watershed; molecular theory and computer simulations of fluids confined to zeolites and other nanoporous materials; thermodynamics; statistical mechanics.

Professional Activities and Honors (last 6 years)

2001-2004 "Member-at-Large" American Chemical Society Division of Colloid and Surface Chemistry
2003 Co-organizer, American Chemical Society Symposium, "Modeling and Simulation in Colloid and Surface Science"
2004-2006 ACS Unilever Award Committee