Chemistry

Department Information

- **Department Chair:**
  Gregory Cook, Ph.D.
- **Graduate Coordinator:**
  Sangita Sinha, Ph.D.
- **Department Location:**
  Ladd Hall
- **Department Phone:**
  (701) 231-8694
- **Department Web Site:**
  [www.ndsu.edu/chemistry/](http://www.ndsu.edu/chemistry/)
- **Application Deadline:**
  April 15 for fall, October 31 for spring. Spring admissions depend on the availability of fellowships and faculty interests. If there are no spring openings, spring applications are automatically considered for the subsequent fall semester.
- **Credential Offered:**
  Ph.D., M.S.
- **Test Requirement:**
  GRE (general and subject recommended, but not required)
- **English Proficiency Requirements:**
  TOEFL ibT 81 (23 speak; 21 write) – TA, 71 – RA; IELTS 6.5 – TA; 6 – RA

Uwe Burghaus, Ph.D.
Free University of Berlin, 1995
Postdoctoral, University of Genoa, Italy, 1995-1997
Research Area: Surface Physical Chemistry

Gregory R. Cook, Ph.D.
Michigan State University, 1993
Postdoctoral, Stanford University, 1994-1996
Research Area: Synthetic Organic Chemistry

John F. Hershberger, Ph.D.
Yale University, 1986
Postdoctoral, Columbia University, 1986-1989
Research Area: Experimental Physical Chemistry, Laser Kinetics

Denley Jacobson, Ph.D.
Purdue University, 1984
Postdoctoral, California Institute of Technology, 1984-1986
Research Area: Gas Phase Ion Chemistry

Svetlana Kilina, Ph.D.
University of Washington, Seattle 2007
Los Alamos National Lab, 2007-2010
Research Area: Computational Chemistry

Alexey Leontyev, Ph.D.
University of Northern Colorado, 2015
Research Area: Chemistry Education and Assessment

Guodong Liu, Ph.D.
Hunan University, 2001
Postdoctoral, New Mexico State University, 2002-2004;
Postdoctoral, Pacific Northwest National Laboratory, 2004-2006
Research Area: Nanotechnology and Biological Sensing

James Nyachwaya, Ph.D.
University of Minnesota, 2012
Research Area: Chemistry / STEM Education

**Seth C. Rasmussen, Ph.D.**  
Clemson University, 1994  
Postdoctoral, University of Oregon, 1995-1999  
Research Area: Inorganic/Organic Materials Chemistry, Chemical History

**Kenton R. Rodgers, Ph.D.**  
University of Iowa, 1988  
Postdoctoral, Princeton University, 1989-1993  
Research Area: Inorganic and Bioinorganic Chemistry

**Mukund P. Sibi, Ph.D.**  
City University of New York, 1980  
Research Area: Synthetic Organic Chemistry; Natural Products

**Wenfang Sun, Ph.D.**  
Institute of Photographic Chemistry, Chinese Academy of Sciences, 1995  
Postdoctoral, University of Alabama, Birmingham, 1997-1999  
Research Area: Organic Materials Chemistry

**Pinjing Zhao, Ph.D.**  
Cornell University, 2003  
Postdoctoral, Yale University, 2004-2006; University of Illinois at Urbana-Champaign, 2006-2007  
Research Area: Inorganic and Organometallic Chemistry