

# Chemistry

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## Department Information

- **Department Chair:**  
Gregory Cook, Ph.D.
- **Graduate Coordinator:**  
Svetlana Kilina, Ph.D.
- **Email:**  
svetlana.kilina@ndsu.edu
- **Department Location:**  
Ladd Hall
- **Department Phone:**  
(701) 231-8694
- **Department Web Site:**  
[www.ndsu.edu/chemistry/](http://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 required from applicants who have not earned a degree in the U.S. (general and subject recommended for domestic students, but not required)
- **English Proficiency Requirements:**  
RA - TOEFL 71, IELTS 6, Duolingo 100; TA Grader - TOEFL 79, IELTS 6.5, Duolingo 110; TA Instructor - TOEFL 81, IELTS 7, Duolingo 115

### **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

Postdoctoral, Dartmouth College, 1980-1982; University of Waterloo, 1982-1985

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