

Chemistry

Department Information

- **Department Chair:**
Gregory Cook, Ph.D.
- **Graduate Coordinator:**
Uwe Burghaus, 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 required for applicants who have not earned a degree in the U.S. GRE (general and subject recommended for domestic applicants, but not required)
- **English Proficiency Requirements:**
RA - TOEFL 71, IELTS 6, Duolingo 105; TA Grader - TOEFL 79, IELTS 6.5, Duolingo 110; TA Instructor - TOEFL 81, IELTS 7, Duolingo 115

Philip Boudjouk

University of Wisconsin, 1971
Postdoctoral, UC Davis, 1971-1973
Research Area: Main Group Organometallic Chemistry, Materials

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

Dmitri Kilin, Ph.D.

Chemnitz University of Technology, 2000
Research Area: Computational Chemistry of Materials, Theoretical Physical 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

Gudrun Lukat-Rodgers

Iowa State University, 1985
Postdoctoral: University of Iowa, 1985-1988

Postdoctoral: Princeton University, 1989-1003

Research Area: Bioinorganic Chemistry

James Nyachwaya, Ph.D.

University of Minnesota, 2012

Research Area: Chemistry / Discipline Based Education Research

Alexander Parent, Ph.D.

Yale University, 2013

Research Area: Inorganic/Organic Chemistry, Green Chemistry

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

Zhongyu Yang, Ph.D.

University of Pittsburgh, 2010

Research Area: Bioanalytical chemistry; Biophysics; Electron Paramagnetic Resonance Spectroscopy

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