



Chemistry Faculty & Affiliates Information Sheet
Fall 2024

Choose at least six faculty members with whom you would like to discuss research projects. Further information can be found on the Department of Chemistry website: <http://www.chemistry.illinois.edu/faculty/index.html>. Faculty with appointments in or affiliated with the Department of Chemistry at <50% are listed on the back of this sheet. Retired Faculty are not listed.

Note: The faculty member's primary area(s) of research appear in boldface.

Faculty	Area(s)
Asst. Professor Mikael Backlund	Physical , Materials, Chemical Biology
Professor Martin Burke	Organic , Chemical Biology, Physical, Inorganic
Assoc. Professor Jefferson Chan	Organic, Chemical Biology, Analytical
Professor Scott Denmark	Organic , Inorganic, Physical
Asst. Professor Majed Fataftah	Inorganic, Materials
Professor Gregory Girolami	Inorganic, Materials , Organic, Physical
Asst. Professor Hee-Sun Han	Analytical, Physical, Chemical Biology , Materials
Professor Paul Hergenrother	Chemical Biology, Organic
Professor So Hirata	Physical (Theoretical)
Asst. Professor Nicholas Jackson	Physical (Theoretical) , Materials
Professor Prashant Jain	Physical , Materials, Inorganic, Analytical
Asst. Professor Vicky Jun	Chemical Biology , Organic
Professor Christy Landes	Physical , Materials, Analytical
Professor Stephan Link	Physical , Materials, Analytical
Asst. Professor Xiaotang Lu (arriving 1/2025)	Chemical Biology, Analytical, Materials , Physical
Professor Zan Luthey-Schulten	Physical (Theoretical) , Chemical Biology, Materials
Professor Nancy Makri	Physical (Theoretical)
Asst. Professor Anastasia (Tasha) Manesis	Inorganic, Chemical Biology
Asst. Professor Angad Mehta	Chemical Biology , Organic
Professor Liviu Mirica	Inorganic, Chemical Biology , Organic, Physical, Analytical, Materials
Professor Catherine Murphy	Materials, Inorganic , Analytical, Chemical Biology, Physical
Professor Eric Oldfield	Chemical Biology , Organic, Inorganic, Physical
Asst. Professor Lisa Olshansky	Inorganic, Chemical Biology , Organic, Physical
Professor Joaquín Rodríguez-López	Analytical , Materials, Physical
Asst. Professor Mei Shen	Analytical, Chemical Biology , Physical
Professor Scott Silverman	Chemical Biology , Organic
Asst. Professor Benjamin Snyder	Inorganic, Materials , Physical
Professor Jonathan Sweedler	Analytical , Chemical Biology, Physical
Professor Wilfred van der Donk	Chemical Biology , Organic
Assoc. Professor Joshua Vura-Weis	Physical, Inorganic , Materials
Professor M. Christina White	Organic , Inorganic

Faculty with Joint Appointments in Chemistry	Home Department and Area(s)
Professor Paul Braun	Materials Sci. & Eng. , Materials
Assoc. Professor Qian Chen	Materials Sci. & Eng. , Materials
Professor Ying Diao	Chemical & Biomolecular Eng. , Materials, Organic, Physical
Assoc. Professor Damien Guironnet	Chemical & Biomolecular Eng. , Materials, Inorganic
Professor Shuming Nie	Bioengineering , Analytical
Professor Philip Phillips	Physics , Physical
Professor Kenneth Schweizer	Materials Sci. & Eng. , Physical (Theoretical)

Faculty Affiliated with Chemistry	Home Department
Professor Rohit Bhargava	Bioengineering
Assoc. Professor Qing Cao	Materials Sci. & Eng.
Professor Brian Cunningham	Electrical & Computer Eng.
Professor Raven Huang	Biochemistry
Assoc. Professor Mary Kraft	Chemical & Biomolecular Eng.
Professor Susan Martinis	Biochemistry
Professor Satish Nair	Biochemistry
Professor Baron Peters	Chemical & Biomolecular Eng. (Theoretical)
Professor Charles Schroeder	Materials Sci. & Eng. , Chemical & Biomolecular Eng.
Professor Paul Selvin	Physics, Biophysics
Assoc. Professor Xiao Su	Chemical & Biomolecular Eng.
Professor Emad Tajkhorshid	Biochemistry (Theoretical), Biophysics
Professor Hong Yang	Chemical & Biomolecular Eng.
Professor Huimin Zhao	Chemical & Biomolecular Eng.

Research Professors in Chemistry	Home Department and Area(s)
Research Asst. Professor Taras Pogorelov**	SCS, Physical (Theoretical)
Research Asst. Professor Elena V. Romanova**	Chemistry, Analytical , Chemical Biology
Research Assoc. Professor Stanislav Rubakhin**	Chemistry, Analytical , Chemical Biology
Research Assoc. Professor Xing Wang**	Bioengineering , Analytical, Materials

****These faculty can co-advise PhD students along with another faculty member. In special cases, these faculty can serve on other students' committees.**