

UGA Chemistry Faculty Mentor Biographies

Jon Amster	Dr. Amster is a Distinguished Research Professor with an analytical chemistry research program focused on using mass spectrometry techniques to understand the role of carbohydrates in biological processes. He usually teaches graduate-level mass spectrometry and electronics courses, and he was the previous head of the department for over a decade.
Sara Blankenship	Dr. Blankenship is a Lecturer in the general chemistry program. She is also a member of the department's DeLTA team, which works to promote change in undergraduate STEM education.
Geert-Jan Boons	Dr. Boons is a UGA Foundation Distinguished Professor in Biochemical Sciences, and he has a joint appointment with Utrecht University (The Netherlands). His research program is focused on the chemistry and biology of carbohydrates and glycoconjugates.
Joel Caughran	Mr. Caughran usually teaches CHEM 1211/1212 or 1311H/1312H where, in addition to covering chemical content, he works with students to improve their study skills and develop their analytical and conceptual reasoning abilities. He is a graduate of UGA (BS '91, MS '94 in analytical chemistry) and former member of the Redcoats. His interests lie in the areas of chemical education, instructional technology, data analysis, and computer programming.
David Crich	Dr. Crich is a Georgia Research Alliance Eminent Scholar with joint appointments in UGA's College of Pharmacy and the Department of Chemistry. His research and teaching interests include carbohydrate chemistry, organic synthesis, reaction mechanisms, and medicinal chemistry.
Gary Douberly	Dr. Douberly is currently Head of the Department. His physical chemistry research group applies spectroscopic techniques to species isolated by the helium nanodroplet method. He teaches honors general chemistry and several graduate-level physical chemistry courses.
Vince Du	Dr. Du is part of the general chemistry instructional team and usually teaches CHEM 1211/1212. He is also a member of the department's DeLTA team, which promotes improved undergraduate STEM education.
Michael Duncan	Dr. Duncan is a Franklin Professor and the Regents' Professor of Chemistry. His research program is focused on studying molecules, ions, complexes, and clusters generated by lasers, electrical discharges, and pulsed supersonic molecular beams. He usually teaches undergraduate physical chemistry CHEM 3211 and MegaLab.
Sue Ellenberger	Dr. Sue Ellenberger is the Director of UGA's general chemistry teaching program. She teaches CHEM 1211/1212 on a regular basis and leads the department's DeLTA team in promoting positive changes in undergraduate STEM education.
Bill Ellenberger	Dr. Bill Ellenberger became a Lecturer in UGA's general chemistry program in 2021. He teaches CHEM 1211/1212.
Eric Ferreira	Dr. Ferreira is an Associate Professor of Chemistry with a research program in organic synthesis, especially transformations that use metal catalysts. He teaches both undergraduate- and graduate-level organic chemistry.

Amanda Frossard	Dr. Frossard is an Assistant Professor of Chemistry with a research program in analytical and atmospheric chemistry. Her work is focused on the composition and sources of aerosol particles and their impact on clouds and air quality. She teaches both undergraduate- and graduate-level analytical chemistry and is a UGA Lilly Teaching Fellow. She regularly teaches Quantitative Analytical Chemistry: CHEM 2300.
Rupa Gokal	Dr. Gokal is a Lecturer for UGA's organic chemistry program. She regularly teaches CHEM 2100 and 2211.
Todd Harrop	Dr. Harrop is Professor of Chemistry and also the department's Graduate Coordinator. His research group works in the area of bioinorganic chemistry, specifically studying molecular models of metalloenzymes involved in the detoxification of superoxides. Prof. Harrop teaches undergraduate inorganic chemistry CHEM 4400 and Special Topics in Inorganic Chemistry at the undergraduate and graduate levels.
Kelly Hines	Dr. Hines is an Assistant Professor of Chemistry. Her bioanalytical chemistry research group is focused on applying mass spectrometry methods to understanding the role of lipids and small molecules in diseases affecting human health. She teaches instrumental analysis CHEM 3300 as well as advanced analytical chemistry courses.
Richard Hubbard	Dr. Hubbard is the Organic Laboratory Coordinator. In this role, he organizes the undergraduate organic chemistry laboratory courses, and he teaches CHEM 2211/2212.
Doug Jackson	Dr. Jackson is a Lecturer in UGA's organic chemistry program. He regularly teaches undergraduate organic chemistry CHEM 2211/2212 and the advanced undergraduate organic chemistry class CHEM 4113.
Jessica Jensen	Dr. Jensen is a Lecturer in UGA's general chemistry program. She regularly teaches CHEM 1211/1212. Dr. Jensen is a member of the department's DeLTA team, which works to promote positive changes in undergraduate STEM education.
Nick Llewellyn	Dr. Llewellyn became a Lecturer in UGA's general chemistry program in 2021. He teaches CHEM 1211/1212.
Jason Locklin	Dr. Locklin is Professor of both Chemistry and Engineering at UGA. His research is focused on organic materials, especially surface modification methods and polymeric systems. As the Director of the New Materials Institute, Dr. Locklin leads a group of faculty and industry partners in developing sustainable products. He teaches organic chemistry and soft materials courses.
Sergiy Minko	Dr. Minko is Professor of both Chemistry and Textiles at UGA. His research interests include nanostructured biomaterials, biobased polymers, and functional fibers, especially for biomedical and other biotechnology applications. He teaches Polymer Science.
Richard Morrison	Dr. Morrison is a Meigs Distinguished Professor of organic chemistry and the Director of UGA's organic chemistry instructional program. His research interests include the synthesis of metal organic frameworks, small biologically active precursors, organic chemistry methodologies, and chemical education.
Chris Newton	Dr. Newton is an Assistant Professor of Chemistry. His research is focused on organic synthesis, including metal-catalyzed strategies and biomimetic natural product synthesis. He teaches honors organic chemistry and graduate-level organic courses.

Daphne Norton	Dr. Norton is the general chemistry lab coordinator and a member of the department's DeLTA team, which promotes improved undergraduate STEM education.
Rob Phillips	Dr. Phillips is a Professor of Chemistry. He teaches organic chemistry and drug design. His research aims to understand the specificity of enzymes through mechanistic and structural studies.
Vladimir Popik	Dr. Popik is a Professor of Chemistry. He teaches graduate-level physical organic chemistry and spectroscopy. His research group works in the area of photochemistry, particularly photoswitchable bioactive drugs, enzymes, and other biomolecules.
Harshani Rathnaweera	Dr. Rathnaweera became a Lecturer in UGA's general chemistry program in 2021. She currently teaches CHEM 1211/1212. She is a graduate of UGA (PhD '21 in inorganic chemistry).
Melanie Reber	Dr. Reber is an Assistant Professor of Chemistry. Her research group uses ultrafast spectroscopy to study chemical dynamics on the femtosecond timescale. She teaches physical chemistry CHEM 3110, lasers, and other graduate-level courses. As a UGA Innovation Fellow, Dr. Reber is interested in aligning developments in her lab with potential applications, industry needs, and emerging markets.
Greg Robinson	Dr. Robinson is the UGA Foundation Professor of Chemistry and member of the National Academy of Sciences. His research focuses on organometallic chemistry, especially involving the main group elements. He teaches honors general chemistry and graduate-level main group chemistry. Dr. Robinson is the lead faculty member for UGA's IChange team, which aims to increase faculty diversity and the use of inclusive teaching practices in STEM disciplines.
Tina Salguero	Dr. Salguero is an Associate Professor of Chemistry and also the department's Undergraduate Coordinator. She teaches honors general chemistry and graduate-level inorganic chemistry courses. Her research group develops nanomaterials for microelectronics and energy applications. Prior to coming to UGA, Dr. Salguero spent several years working in industry.
Henry Schaefer	Dr. Schaefer is the Graham Perdue Professor of Chemistry and the Director of the Center for Computational Quantum Chemistry. His research is focused on the development of theoretical and computational methods for understanding the chemistry of molecules, ions, and other species. He teaches advanced quantum mechanics.
Bob Scott	Dr. Scott is a Professor of Chemistry, Director of Special Projects at the Graduate School, Project Team lead for UGA Elements in the Office of Faculty Affairs, and, previously, Associate Vice President for Research at UGA. He teaches graduate-level group theory and physical methods courses.
Geoff Smith	Dr. Smith is a Professor of Chemistry. His research group studies the optical properties and chemistry of aerosols related to climate change. He regularly teaches physical chemistry CHEM 3212 and graduate-level chemometrics.
Wayne Suggs	Dr. Suggs teaches CHEM 1411/1412, quantitative analysis lab, and Megalab. He is a graduate of UGA (BS '89, PhD '92 in analytical chemistry).

Jeff Urbauer	Dr. Urbauer is an Associate Professor of Chemistry. His research interests include the use of NMR spectroscopy, other biophysical methods, and molecular biology techniques to understand protein structure and function. Dr. Urbauer teaches several NMR courses.
Yifan Wang	Dr. Wang joined the department in the Fall of 2021. Her bioinorganic chemistry research interests include oxygen activation and C-H/C-C bond functionalization by metalloenzymes.
Steven Wheeler	Dr. Wheeler is a Professor of Chemistry. His research is in the area of computational physical organic chemistry to understand noncovalent interactions, which has major implications for drug design. Dr. Wheeler teaches undergraduate- and graduate-level organic chemistry and quantum chemistry.
Jin Xie	Dr. Xie is an Associate Professor of Chemistry. His research group focuses on nanoparticles for medical imaging and therapy applications. Dr. Xie teaches quantitative analysis CHEM 2300 and graduate-level nanomaterials.