The Department has a well-established Master's level program that offers an M.S. in Chemistry within which a Concentration in Biochemistry can be chosen. These are very well-rounded terminal degree programs. In addition to course-work in core areas of Chemistry or Biochemistry, each program emphasizes training in research by requiring a significant research project with a Master's thesis under the supervision of a professor. Students also receive experience in professional presentation through the seminar program and attendance at professional meetings to present research results.

Our Ph.D. program in Chemistry and Biochemistry is unique in the state of North Carolina. Target-based rational drug design, with its emphasis on biochemical and molecular biological receptors, is now central to the development of new and more effective pharmaceuticals. The Ph.D. program offers students an innovative curriculum and research environment that emphasizes fundamental biochemical interactions and mechanisms guiding drug design and development. Students who complete the program will have a strong biochemical perspective on drug design, discovery, and function, and will have specialization in any of several disciplines which connect biochemical interactions with pharmaceutical development: computational chemistry, bioanalytical chemistry, biophysical chemistry, natural product isolation, molecular biology and enzymology, or drug synthesis.

Professor
Nadja B. Cech, Professor and Distinguished Professor
Mitchell P Croatt
Alice E. Haddy
Nicholas H Oberlies, Professor and Patricia A. Sullivan Distinguished Professor
Patricia Hodapp Reggio, Marie Foscue Rourk Professor
Ethan Will Taylor
Jerry L. Walsh
Qibin Zhang

Associate Professor
Bruce Banks
Norman H. L. Chiu
Kimberly S Petersen
Jason J. Reddick

Assistant Professor
Jonathan Rodi Chekan
Liam M. Duffy
Shabnam Hematian
Maia Popova

Senior Lecturer
Dennis A. Burnes
Spencer A Russell

Lecturer
Daniel P Christen
Huiyuan Hu
Pradyumn Kumar Pradhan
Megan E Rudock

Graduate-level faculty
- Biochemistry, B.S. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/biochemistry-bs/)
- Chemistry, B.A. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/chemistry-ba/)
Chemistry and Biochemistry

- Chemistry, B.S. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/chemistry-bs/)
- Chemistry Undergraduate Minor (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/chemistry-minor/)
- Chemistry, M.S. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/chemistry-ms/)
- Chemistry and Biochemistry, Ph.D. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/chemistry-biochemistry-phd/)