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 Medicinal 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 in Medicinal Biochemistry at UNC Greensboro 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
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

Associate Professor

Bruce Banks
Norman H. L. Chiu
Mitchell P Croatt
Kimberly S Petersen
Jason J. Reddick
Qibin Zhang

Assistant Professor

Liam M. Duffy
Shabnam Hematian
Maia Popova

Senior Lecturer

Dennis A. Burnes
Mary Ann Gerhard

Lecturer

Tylisha Marie Baber
Timothy Donald Ballard
Christopher Behme
Daniel P Christen
Sarmad Sahiel Hindo
Huiyuan Hu
Pradyumna Kumar Pradhan
Spencer A Russell
Travis R Russell

G 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, 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)
• Medicinal Biochemistry, Ph.D. (https://catalog.uncg.edu/arts-sciences/chemistry-biochemistry/medicinal-biochemistry-phd)

Chemistry and Biochemistry Disciplinary Honors

Requirements
• A minimum of 12 credit hours as defined below.
• UNC Greensboro cumulative GPA of 3.30 or better or, for transfer students, cumulative GPA of 3.30 or better from all prior institutions.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Required</td>
<td>3</td>
</tr>
<tr>
<td>HSS 490</td>
<td>Senior Honors Project</td>
<td></td>
</tr>
<tr>
<td>6 credits of Honors course work in the major</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>3 credits of Honors course work in the major or another area</td>
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Recognition
Receive a Certificate of Disciplinary Honors in Chemistry and Biochemistry; have that accomplishment, along with the title of the Senior Honors Project, noted on the official transcript; and be recognized at a banquet held at the end of the spring semester.

Honors Advisor
Contact Liam Duffy at liam_duffy@uncg.edu for further information and guidance about Honors in Chemistry and Biochemistry. To apply: http://honorscollege.uncg.edu/forms/disc-application.pdf