

# STRUCTURAL BIOLOGY, BIOCHEMISTRY, AND BIOPHYSICS, PHD

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students to acquire breadth by taking graduate-level courses in areas outside their major concentration.

## Contact

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## Faculty

Biology: Scott Erdman, Anthony Garza, Paul Gold, Eleanor Maine, Melissa Pepling, Ramesh Raina, Roy Welch

Chemistry: Mark Braiman, Rob Doyle, Bruce Hudson, Yan-Yeung Luk, Jon Zubieta

Forensic Science: Kevin Sweder

Physics: Mark Bowick, Liviu Movileanu

The Ph.D. program is flexible and adaptable to individual needs. Students are admitted through one of the participating departments, (biology, chemistry, or physics) and choose their Ph.D. mentor in that department before transferring into the Program. The remainder of the student's course of study is planned with a graduate committee composed of members of the program, one of whom will be the student's thesis advisor.

## Graduate Awards

Graduate students may qualify for scholarships or for teaching or research assistantships available through individual departments, or for University Fellowships. All awards are made on a competitive basis.

## Facilities

There is a variety of nuclear magnetic resonance, microarray, x-ray diffraction, next-generation sequencing, and other instrumentation at Syracuse University and SB3 partner institutions, SUNY Upstate Medical University, and the SUNY College of Environmental Science and Forestry. There are also extensive computational facilities for biomolecular modeling and bioinformatics.

## Ph.D. in Structural Biology, Biochemistry, and Biophysics

This Ph.D. program is flexible and adaptable to individual needs. Students are admitted through one of the participating departments, (biology, chemistry, or physics), choose their Ph.D. mentor in that department, and must complete at least one year in their major department before transferring into the program. Students must be in good standing in their major department prior to transferring into the program and must maintain the requirements of the Graduate School throughout their graduate career. Subsequent to transfer, the remainder of the program is planned with a graduate committee composed of members of the program, one of whom will be the student's thesis advisor. This committee is also responsible for administering a qualifying examination and a dissertation defense, and for resolving issues that may arise during the student's graduate career. The graduate committee may require