

BIOPHYSICS, PHD

PEOPLE

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PROGRAM LEADERSHIP

Director

- Dr. Alessandro Senes, Professor, Department of Biochemistry

Associate Director

- Dr. Silvia Cavagnero, Professor, Department of Chemistry

FACULTY TRAINERS

Our broad inter-departmental program consists of approximately 60 faculty trainers (<https://biophysics.wisc.edu/research/>) from departments that belong to five different colleges (Letter & Science, Agriculture & Life Sciences, Engineering, and the Schools of Medicine and Pharmacology). This highly collaborative environment offers a spectrum of opportunities that include, for example, protein structure/function and engineering, nucleic acid and membrane biophysics, neuroscience, virology, as well as synthetic and system biology applied to both bacterial and eukaryotic organisms. These areas of research share the common goal of understanding biological systems in physical and mechanistic terms, the use of cutting-edge quantitative instrumental methods, and, frequently, the integration of computation and machine learning. Please find an overview of our research areas (<https://biophysics.wisc.edu/labs/>) on the program's website.

STAFF

Graduate Program Manager

- Michael Sullivan