DEPARTMENT OF BIOCHEMISTRY AND BIOPHYSICS

Curriculum in Biochemistry is administered by the Department of Biochemistry and Biophysics.

Biochemists seek to understand life at the molecular level, including the detailed structures of biological molecules and the chemical reactions in which they participate. They study the molecules of living systems of all kinds, from the simplest viruses and bacteria to higher plants and animals. In their work, biochemists use experimental tools ranging from x-ray crystallography and nuclear magnetic resonance to bioinformatics and genetic engineering. Biochemistry is a dynamic and diverse field that has become the basic discipline for the life sciences, and biochemists have made significant discoveries that relate to medicine, agriculture, and the environment.

Faculty

Ayres, Nicola M, Senior Lecturer
Biochemistry & Biophysics
PHD, University of Nebraska at Lincoln, 1987

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Biochemistry & Biophysics
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PHD, State University of New York at Albany, 2012

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PHD, Peking University, 1996

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PHD, University of Illinois at Urbana-Champaign, 1981

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PHD, University of Houston, 2002

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PHD, Texas A&M University, 2012

Pishko, Elizabeth J, Lecturer
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Polymenis, Michael S, Professor
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Zhang, Junjie, Associate Professor
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PHD, Baylor College of Medicine, 2009

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PHD, Cornell University, 2003

Minors

• Biochemistry Minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/biochemistry-biophysics/biochemistry-minor/)
• Genetics Minor (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/biochemistry-biophysics/genetics-minor/)

Majors

• Bachelor of Science in Biochemistry (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/biochemistry-biophysics/biochemistry-bs/)
• Bachelor of Science in Genetics (http://catalog.tamu.edu/undergraduate/agriculture-life-sciences/biochemistry-biophysics/genetics-bs/)