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, Principal Lecturer
Biochemistry & Biophysics
PHD, University of Nebraska at Lincoln, 1987

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Biochemistry & Biophysics
PHD, Albany Medical College, 1994

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PHD, State University of New York at Stony Brook, 2006

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PHD, London School of Hygiene & Tropical Medicine, 1992

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PHD, University of Kentucky, 2000

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Glasner, Margaret E, Associate Professor
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PHD, Columbia University, 2003

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PHD, South Dakota State University, 2018

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PHD, Texas A&M University, 2023

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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, Pennsylvania State University, 1981

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PHD, University of Illinois at Urbana-Champaign, 1981

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Biochemistry & Biophysics
PHD, Moscow State University, 1990

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Biochemistry & Biophysics
PHD, University of Florida, 1977

Pellois, Jean-Philippe, Professor
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PHD, University of Houston, 2002

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Biochemistry & Biophysics
PHD, University of Alabama at Birmingham, 1987

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Biochemistry & Biophysics
PHD, University of Colorado, 2000

Sui, Xuewu, Assistant Professor
Biochemistry & Biophysics
PHD, Case Western Reserve University, 2016

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PHD, University of Southern California, 2000

Tommos, Ingrid, Professor
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PHD, Stockholm University, 1997

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PHD, University of Pennsylvania, 1984

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PHD, University of Illinois at Urbana-Champaign, 2007

Zhang, Junjie, Associate Professor
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PHD, Baylor College of Medicine, 2009

Zhang, Xiuren, Professor
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PHD, Cornell University, 2003

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/)

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