DEPARTMENT OF BIOCHEMISTRY/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 - 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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Biochemistry & Biophysics
PHD, London School of Hygiene & Tropical Medicine, 1992

Datta, Sumana, Professor
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PHD, Texas A&M University, 2010

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PHD, University of Wisconsin - Madison, 1987

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Biochemistry & Biophysics
PHD, Columbia University, 2003

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Biochemistry & Biophysics
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Kurouski, Dzmitry L, Assistant Professor
Biochemistry & Biophysics
PHD, Suny at Albany, 2013

Li, Pingwei, Professor
Biochemistry & Biophysics
PHD, Peking University, 1996

Meek, Thomas D, Professor
Biochemistry & Biophysics
PHD, Pennsylvania State University, 1981

Miles, Bryant W, Senior Lecturer
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PHD, Texas A&M University, 1998

Mullet, John E, Professor
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PHD, University of Illinois - Urbana-Champaign, 1981

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PHD, Moscow State University, 1990

Park, William D, Professor
Biochemistry & Biophysics
PHD, University of Florida, 1977

Pellois, Jean-Philippe, Professor
Biochemistry & Biophysics
PHD, University of Houston, 2002

Perez, Stephanie A, Lecturer
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PHD, Texas A&M University, 2012

Peterson, David O, Senior Professor
Biochemistry & Biophysics
PHD, Harvard University, 1977

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PHD, University of Texas, 1993

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PHD, MIT, 2014

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Biochemistry & Biophysics
PHD, University of California-Berkeley, 1995

Sacchettini, James C, Professor
Biochemistry & Biophysics
PHD, Washington University in St. Louis, 1987

Shippen, Dorothy E, Professor
Biochemistry & Biophysics
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Stover, Patrick, Professor
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PHD, Virginia Commonwealth University, 1990

Straight, Paul D, Associate Professor
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PHD, University of Colorado, 2000

Sze, Sing, Associate Professor
Biochemistry & Biophysics
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Threadgill, David, Professor
Biochemistry & Biophysics
PHD, Texas A&M University, 1989

Young, Ryland F, Distinguished Professor
Biochemistry & Biophysics
PHD, University of Texas at Dallas, 1975

Zeng, Lanying, Associate Professor
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PHD, University of Illinois at Urbana-Champaign, 2007

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

Zhang, Xiuren, Professor
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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)