The Department of Biochemistry and Biophysics offers programs leading to the MS and PhD degrees in Biochemistry. These research-intensive programs are designed to establish the foundational skill set required of an independent research career. Graduate students also gain educational experience through the teaching assistantship requirement.

Ongoing research activities involve plants, animals, and microorganisms, and span the broad fields of molecular biology, protein and nucleic acid structure, virology, enzymology, biophysical chemistry, and biochemical nutrition. The department occupies a modern research building that is well equipped to conduct biochemical research. Incoming students are expected to demonstrate adequate preparation in chemistry, mathematics, physics, and molecular biology. Graduate students will participate in active research under a faculty member for the duration of their studies. Interdisciplinary research projects are encouraged. On successful completion of the program, graduates should demonstrate a command of both their chosen research specialty and biochemistry broadly.

There is no foreign language requirement. All students are required to demonstrate English language proficiency. Contact the Graduate Office at biobiograd@tamu.edu or 1-800-4-TAMBIO for more information.

**Faculty**

Ayres, Nicola M, Senior 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

Cruz-Reyes, Jorge A, Professor  
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PHD, London School of Hygiene & Tropical Medicine, 1992

Datta, Sumana, Professor  
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PHD, University of California at San Diego, 1987

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PHD, Texas A&M University, 2010

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Biochemistry & Biophysics  
PHD, University of California at Los Angeles, 1977

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PHD, State University of New York at Albany, 2012

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Biochemistry & Biophysics  
PHD, Peking University, 1996

Meek, Thomas D, Professor  
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PHD, Pennsylvania State University, 1981

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PHD, University of Illinois at Urbana-Champaign, 1981

Panin, Vladislav M, Professor  
Biochemistry & Biophysics  
PHD, Moscow State University, 1990

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Biochemistry & Biophysics  
PHD, University of Florida, 1977

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

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

Pishko, Elizabeth J, Lecturer  
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PHD, University of Texas, 1993
Masters

- Master of Science in Biochemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/biochemistry-ms/)

Doctoral

- Doctor of Philosophy in Biochemistry (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/phd/)

Certificates

- Bioinformatics and Computational Biology Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/biochemistry-biophysics/bioinformatics-computational-biology-certificate/)