DEPARTMENT OF BIOLOGY

Leadership
John C. Kennell, Ph.D.
Department Chair
Brian Downes, Ph.D.
Associate Chair of Research
Tom Valone, Ph.D.
Associate Chair of Academics
Laurie K. Russell, Ph.D.
Undergraduate Program Coordinator
Susan Spencer, Ph.D.
Graduate Program Coordinator

Overview
The Department of Biology at Saint Louis University explores the dynamic science with the aim of gaining a better understanding of the processes of living organisms.

Biologists search for answers to current problems and ways to avoid future dilemmas. Specialized fields of biology, such as botany, zoology and molecular biology have made key contributions to the health and welfare of the world’s population. Students have the opportunity to study biology beyond the limits of the classroom.

The Department of Biology owns and operates the Reis Biological Field Station for research and teaching, providing unique opportunities for students to explore ecology and conservation biology. Students find additional opportunities for research and hands-on experimentation at locations throughout St. Louis, including the Saint Louis Zoo and the Missouri Botanical Garden.

Programs
Undergraduate
• Bioinformatics and Computational Biology, Bachelor’s to M.S. Accelerated Program (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/interdisciplinary/accelerated-bachelors-masters-program)
• Biology, B.A. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-ba)
• Biology, B.S. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-bs)
• Biology, B.S. to Masters in Chemical Biology Accelerated Program (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-chemical-biology-abm)
• Biology, B.S. to Pharmacy, Pharm.D. Accelerated Program (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-accelerated-pharmd)
• Biology, Minor (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-minor)
• Neuroscience, B.S. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/interdisciplinary/neuroscience-bs)

Graduate
• Bioinformatics and Computational Biology, M.S. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/interdisciplinary/bioinformatics-computational-biology-ms)

• Biology, M.S. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-ms)
• Biology, Ph.D. (http://catalog.slu.edu/previous-catalogs/2018-2019/colleges-schools/arts-sciences/biology/biology-phd)

Faculty
Additional Faculty Information (https://www.slu.edu/arts-and-sciences/biology/faculty)

Full-time Faculty
Alaina T. Baker-Nigh, Ph.D.
Janet C. Barber, Ph.D.
Peter B. Bernhardt, Ph.D.
Steven Blake, Ph.D.
Elena Bray Speth, Ph.D.
Gerardo R. Camilo, Ph.D.
Leticia De Souza Soares, Ph.D.
Lindzy F. Dodson, Ph.D.
Brian P. Downes, Ph.D.
Jonathan S. Fisher, Ph.D.
Kasey D. Fowler-Finn, Ph.D.
Eva B. Gonzales, Ph.D.
Blythe E. Janowiak, Ph.D.
Jack Kennell, Ph.D.
Jason Knouft, Ph.D.
Zhenguo Lin, Ph.D.
Allison J. Miller, Ph.D.
Judith M. Ogilvie, Ph.D.
Laurie Russell, Ph.D.
Laurie L. Shornick, Ph.D.
Susan A. Spencer, Ph.D.
Julie M. Thole, Ph.D.
Thomas J. Valone, Ph.D.
Yuqi Wang, Ph.D.
Daniel E. Warren, Ph.D.
Robert M. Wood, Ph.D.
Wenyang Xiao, Ph.D.
Dapeng Zhang, Ph.D.
Fenglian Zu, Ph.D.

Laboratory Staff
Timothy E. Dooley, MA, D.O.
Elizabeth E. Bardon, MS
Paul C. Lega, BA

Affiliated Faculty
Missouri Botanical Garden
Thomas B. Croat, Ph.D
Peter Goldbatt, Ph.D
Peter Raven, Ph.D
Mick Richardson, Ph.D

St. Louis Zoological Park
Cheryl S. Asa, Ph.D
Joan E. Bauman, Ph.D
Sigma-Aldrich Corp.
Kevin Kayser, Ph.D

**Department of Biochemistry and Molecular Biology**
Dorota Skowyra, Ph.D

**Department of Obstetrics, Gynecology, and Women's Health**
Gerald S. Zavorsky, Ph.D

**United States Department of Agriculture, ARS**
Yong-quin Charles An, Ph.D.