

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/colleges-schools/arts-sciences/interdisciplinary/accelerated-bachelors-masters-program>)
- Biology, B.A. (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-ba>)
- Biology, B.S. (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-bs>)
- Biology, B.S. to Masters in Chemical Biology Accelerated Program (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-chemical-biology-abm>)
- Biology, B.S. to Pharmacy, Pharm.D. Accelerated Program (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-accelerated-pharmd>)
- Biology, Minor (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-minor>)
- Neuroscience, B.S. (<http://catalog.slu.edu/colleges-schools/arts-sciences/interdisciplinary/neuroscience-bs>)

Graduate

- Bioinformatics and Computational Biology, M.S. (<http://catalog.slu.edu/colleges-schools/arts-sciences/interdisciplinary/bioinformatics-computational-biology-ms>)
- Biology, M.A. (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-ma>)

- Biology, M.S. (<http://catalog.slu.edu/colleges-schools/arts-sciences/biology/biology-ms>)
- Biology, Ph.D. (<http://catalog.slu.edu/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.
 Wenyan 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 Skowrya, Ph.D

Department of Obstetrics, Gynecology, and Women's Health

Gerald S. Zavorsky, Ph.D

United States Department of Agriculture, ARS

Yong-quiang Charles An, Ph.D.