

Student Life

The IBiS Student Organization (ISO) gives students a voice in academic and political issues impacting them and their research. Activities organized by ISO enrich the graduate school experience by providing a forum through which IBiS students can learn from one another and benefit from each other's expertise, throughout their PhD studies and beyond. ISO sponsors scientific and social events such as:

- Casual Science Friday, an informal forum to present research to peers
- Yearly student invited seminar speaker
- Social events including holiday parties, baseball games, movie nights
- Career development panels

ISO works together with other student groups such as SACNAS, BGSA, and QPGSA to promote activities fostering career development and cultural awareness.

Outreach

IBiS students are active in community outreach activities to foster an interest in STEM learning. Activities IBiS students participate in are:



HerStory - inspires female middle and high school students to pursue STEM degrees

Morning Mentors - founded by IBiS students to tutor local middle school students

MORE - high school students participate in high level STEM research under the mentorship of Northwestern graduate students and postdocs

Jugando Con La Ciencia - a bilingual after school club to familiarize local 3rd and 4th graders with science using hands-on experiments

AP Biology Symposium - Chicago high school students visit Northwestern to learn about STEM opportunities and careers as they embark on their undergraduate studies



Cell & Molecular Biology

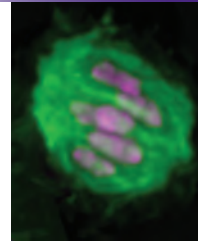
Ravi Allada
Xiaomin Bao
Greg Beitel
Shelby Blythe
Jason H. Brickner
Daniel Dombeck
Marco Gallio
Erica Hartmann
Curt M. Horvath
Michael Jewett
Neil L. Kelleher
Sinan Keten
William L. Klein
Carole LaBonne
Laura Lackner
Robert A. Lamb
Joshua N. Leonard
John F. Marko
Kelly E. Mayo
David L. McLean
William M. Miller
Chad A. Mirkin
Richard I. Morimoto
Christian P. Petersen
Tiffany Schmidt
Vinzenz Unger
Reza Vafabakhsh
Eric L. Weiss
Sadie Wignall
Teresa K. Woodruff
Catherine S. Woolley
Yue Yang

Developmental & Stem Cell Biology

Guillermo A. Ameer
Xiaomin Bao
Greg Beitel
Shelby Blythe
Richard Carthew
Robert A. Holmgren
Yevgenia Kozorovitskiy
Carole LaBonne
Kelly E. Mayo
David L. McLean
William M. Miller
Richard I. Morimoto
Christian P. Petersen
Xiaozhong (Alec) Wang
Yue Yang

Biochemistry, Structural Biology and Biophysics

Vadim Backman
Xiaomin Bao
Jason H. Brickner
Marco Gallio
Yuan He
Curt M. Horvath
Michael Jewett
Neha Kamat
Neil L. Kelleher
Sinan Keten
William L. Klein
Laura Lackner
Robert A. Lamb
Joshua N. Leonard
Julius Lucks
Niall Mangan
John F. Marko
Thomas J. Meade
Chad A. Mirkin
Alfonso Mondragón
Richard I. Morimoto
Teri Odom
Thomas V. O'Halloran
Heather Pinkett
Ishwar Radhakrishnan
Indira M. Raman
Amy C. Rosenzweig
Richard B. Silverman
Danielle Tullman-Ercek
Vinzenz Unger
Reza Vafabakhsh
Eric L. Weiss
Sadie Wignall
Yue Yang



Genetics, Genomics, and Quantitative Biology

Luis A. Nunes Amaral
Erik C. Andersen
Neda Bagheri
Xiaomin Bao
Shelby Blythe
Thomas Bozza
Jason H. Brickner
Linda J. Broadbelt
Richard Carthew
Marco Gallio
Erica Hartmann
Curt M. Horvath
Michael Jewett
Neil L. Kelleher
Carole LaBonne
Joshua N. Leonard
Shu Q. Liu
Niall Mangan
Madhav Mani
John F. Marko
William M. Miller
Andrew Miri
Richard I. Morimoto
Christian P. Petersen
Danielle Tullman-Ercek
Fred W. Turek
Keith E. J. Tyo
Xiaozhong (Alec) Wang
Eric L. Weiss
Yue Yang

Synthetic & Chemical Biology

Vadim Backman
Brian M. Hoffman
Michael Jewett
Neha Kamat
Neil L. Kelleher
Sinan Keten
Yevgenia Kozorovitskiy
Joshua N. Leonard
Julius Lucks
Niall Mangan
Thomas J. Meade
Richard I. Morimoto
Thomas V. O'Halloran
Heather Pinkett
Amy C. Rosenzweig
Karl A. Scheidt
Evan Scott
Richard B. Silverman
Danielle Tullman-Ercek
Keith E. J. Tyo
Xiaozhang (Alec) Wang
Eric L. Weiss

Interdisciplinary Biological Sciences Graduate Program



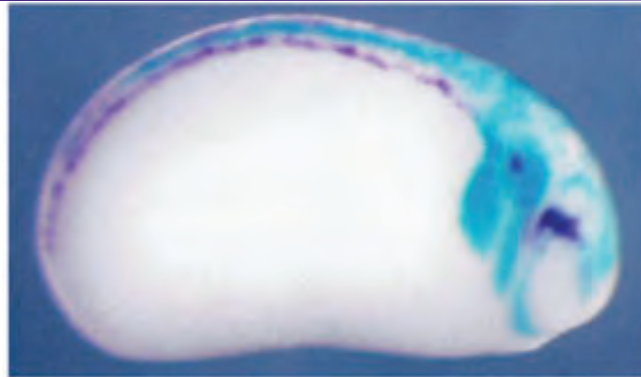
IBiS promotes innovative research that crosses traditional disciplinary boundaries in order to understand biological systems.

www.ibis.northwestern.edu

Northwestern | IBiS

About the Program

Increasingly, the life sciences require interdisciplinary approaches in order to make essential progress in understanding normal cellular processes, diseases such as cancer, and the development of complex systems. With closely connected faculty from the departments of **Molecular Biosciences, Biomedical Engineering, Neurobiology, Chemistry, and Chemical and Biological Engineering**, and with strong ties to numerous interdisciplinary centers including the Physical Sciences-Oncology Center, the Center for Cell and Developmental Systems Biology, the Chemistry of Life Processes Institute, and the Center for Structural Biology, IBiS promotes innovative research that crosses traditional disciplinary boundaries.



Training Opportunities

Biotechnology Training Program (BTP)
Cell and Molecular Basis for Disease Training Program (CMBD)
Chemistry of Life Processes Predoctoral Training Program (CLP)
Collaborative Learning and Integrated Mentoring
in the Biosciences (CLIMB)
Molecular Biophysics Training Program (MBTG)
NSF-Simons Center for Quantitative Biology

Program Features

- Three laboratory rotations in the first year to explore research interests
- Flexible curriculum tailored to each student's background and interests
- Strong advising and mentoring structure to ensure each student achieves their greatest potential
- Full tuition and competitive stipend for students in good academic standing for the duration of their studies
- Guaranteed travel funds and support in pursuing training grant appointments, external funding, and minority fellowships
- Comprehensive health and dental insurance
- Participation in NULaBS, which gives IBiS students seamless access to courses and faculty across all of NU
- Class sizes of 16-18 students
- Awarded a Ph.D in Biological Sciences



Career Development

BioProfessionals

Our flagship program to prepare students for any career path.

BioOpportunities - Introduces students to non-academic careers through information sessions by alumni and local professionals to campus

BioSurvival Skills - Provides training to in skills relevant for PhD success and beyond including: Presentation Skills, Grant Writing, CV/Resumes/Cover Letter Writing, Interviewing, and Networking

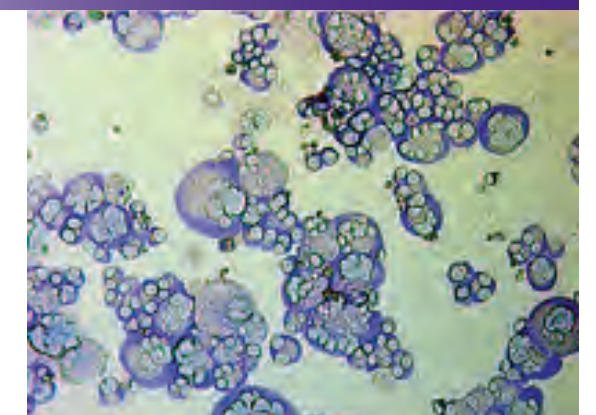
Pathway to the Professoriate - A series of workshops to inform those embarking on an academic career on: Finding A Postdoc, Applying for Faculty Positions, Managing a Successful Lab and Negotiating your Startup Package

The Searle Center for Advancing Learning & Teaching - Offers preparation for an academic career through workshops on improving teaching skills and a Teaching Certificate Program

Management Certificate for Scientists and Engineers offered through Kellogg School of Management

Innovation and New Ventures Office (INVO) Fellowship - Provides exposure to intellectual property and the commercialization office

IBiS has a supportive alumni network to connect current students with professionals in a variety of careers.



www.ibis.northwestern.edu

For more information find us at:
email: ibis@northwestern.edu
www.facebook.com/IBiSatNorthwestern
<https://twitter.com/ibisatnu>