



LAKE FOREST
COLLEGE

NEUROSCIENCE

Neuroscience is the largest interdisciplinary major at the college. This fast growing science-focused major seeks to explain the biological basis of behavior by integrating natural and social sciences with humanities and performing arts. Our students explore brain function in-depth and address current ideas regarding sensation, perception, learning, memory, thought, emotion, and disorders of the brain. The program's vibrant and intellectually engaged student culture particularly attracts research-driven majors and pre-health students interested in making such interdisciplinary connections.

RESEARCH:

Neuroscience students regularly pursue independent original research with faculty from Lake Forest and Chicago-area medical schools on topics as diverse as:

- Animal learning and behavior
- Neural plasticity
- Stress and addiction
- Human memory
- Drug discovery
- Child development
- Neurological and psychiatric diseases
- Cellular physiology
- Neurophilosophy and ethics
- Clinical studies

STUDENT COMMUNITY:

The neuroscience program supports a strong student community of peer learners and leaders, including SYNAPSE, a dynamic student organization that focuses on public education and outreach on neuroscience issues. Academic excellence is rewarded by selection into the local chapter of national neuroscience honorary, *Nu Rho Psi*, which was awarded the national *Chapter of the Year* in 2013. Majors hone their critical writing and persuasive communication skills by publishing their work in the award-winning journal, *Eukaryon*.

PROFESSIONAL OUTREACH:

Our majors regularly receive recognition from professional societies at the local and national level for their scholarship and educational outreach activities. For each of the past 14 years, students have won research prizes at Chicago-area conferences. Our signature event, Brain Awareness Week, has been recognized with an award from the International Society for Neuroscience. Moreover, many of our students have become published scholars in top research journals.



NATALIE KUKULKA '13

Major: Neuroscience

Achievements: Received a Parkinson's Disease Foundation grant, did biomedical research while studying abroad in New Zealand, interned at the Rehabilitation Institute of Chicago, worked at Northwestern Children's Memorial Hospital and is now a medical school student at the University of Missouri of Columbia.

Read about Natalie's path at lakeforest.edu/kukulka



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INTERNSHIPS AT: Rosalind Franklin University of Medicine and Science • Illinois Bone and Joint Institute • Rehabilitation Institute of Chicago • Lake County Addictions Treatment Program • Smell and Taste Treatment and Research Foundation • Equestrian Connection • NorthShore University Health System • Northwestern Feinberg School of Medicine • Loyola University Medical Center

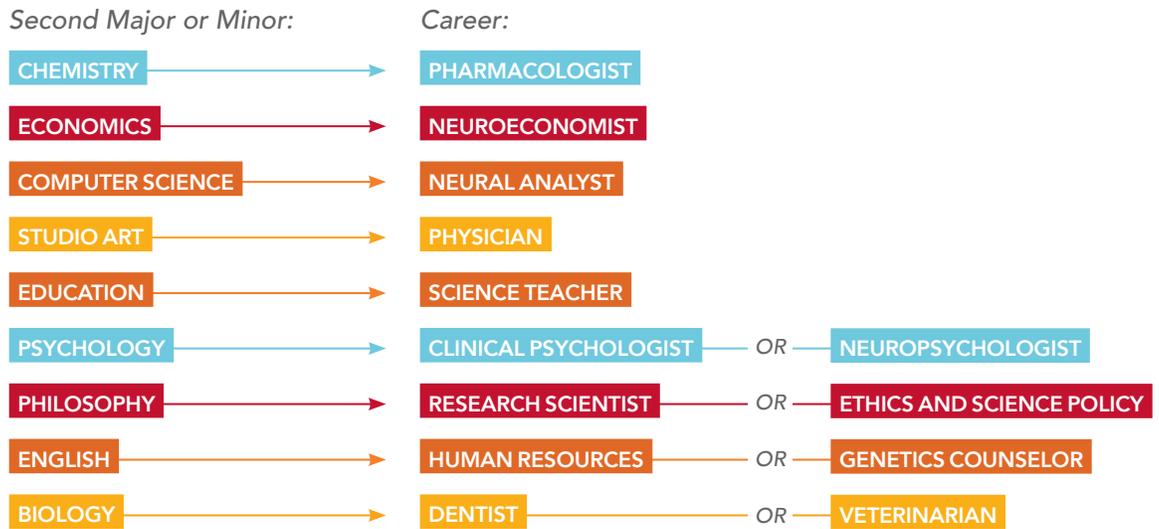
CHICAGO offers unmatched opportunities for student research, internships with leading-edge organizations, and field trips to outstanding labs.

Our neuroscience majors pursue many career paths*



* Nearly half of neuroscience graduates pursue graduate and professional school. Others join the workforce in diverse career tracks. Master's degrees allow for greater specialization and opportunities in research and administration. Doctoral degrees are necessary for advanced research and administrative positions, university teaching and independent research. Professional degrees and licenses are required in some health-care-related fields.

Combine neuroscience with another area of study for a variety of careers:



Learn about our accomplished faculty, requirements for the major, and more at

lakeforest.edu/academics/neuro