



NEUROSCIENCE

The Neuroscience Program at Stonehill, under the guidance of supportive and highly qualified neuroscience professors active in research, provides a strong education in the fundamentals of neuroscience and allows students to choose an emphasis in either the biological or the psychological aspects of the field.

CONCENTRATIONS

Neuroscience majors may focus their studies in one of several areas:

- **Cellular & Molecular Neuroscience**
Focused on issues such as gene transcription and translation, intra- and intercellular communication, neuronal excitability and conduction of nerve impulses.
- **Systems & Behavioral Neuroscience**
Emphasizes how networks of neurons operate as a system to allow the organism to respond appropriately to its changing environment.
- **Clinical Neuroscience**
Concentrates on issues related to the biological nature of mental health. Focus is placed on understanding the biology and potential treatments for mental disorders including anxiety, depression and schizophrenia.

RESEARCH OPPORTUNITIES

Stonehill science students participate in highly competitive and prestigious summer research programs, working in university and industry labs across the country and around the world. Recent experiences include:

- Harvard Stem Cell Institute Summer Program

- Research Experience for Undergraduates (REU) Program in Nanotechnology at UMass-Amherst
- New England Primate Research Center Summer Training Program
- ACS IREU Summer Program at University of Strathclyde, Scotland
- AMGEN Summer Scholars Program at University of California, San Diego

Stonehill Undergraduate Research Experience

This is an opportunity for neuroscience students who have completed their first year at Stonehill to perform significant, publishable, full-time research under the guidance of and in collaboration with an experienced faculty researcher. Among the sites:

- **Brockton VA Medical Center**
Students work in the sleep lab, cognitive neurology lab and the drug addiction lab. All students are encouraged to apply for these competitive opportunities.
- **House of Possibilities**
Students work at the on-campus House of Possibilities, which serves children with developmental disorders. These exceptional opportunities exemplify the Stonehill College experience.

HONORS SOCIETY AFFILIATION

Lambda Epsilon Sigma

Stonehill's campuswide honor society

INTERNSHIP OPPORTUNITIES

Places where Stonehill students have recently interned include:

- Beth Israel Deaconess Medical Center
- Boston Children's Hospital
- BrayVet Animal Hospital, Dublin, Ireland
- Caritas Good Samaritan Medical Center
- Clinical Science Laboratories
- Franklin Park Zoo
- Lloyd Animal Hospital
- Oral and maxillofacial surgery
- Orthopedic Care Specialists
- Royal Free Hospital, London, England
- Veterans Administration Medical Center

CAREER OUTCOMES

Places where Stonehill graduates have recently been employed include:

- AmeriCorps
- Brigham and Women's Hospital
- Brown University, Sleep for Science Research Lab
- Caritas Good Samaritan Medical Center
- Charles River Labs
- Global Health Volunteers Program
- Harvard Medical School
- Joslin Diabetes Center
- Massachusetts General Hospital
- McLean Hospital
- New England Center for Children
- Signature Healthcare
- UMass Memorial Medical Center



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GRADUATE/PROFESSIONAL SCHOOL STUDIES

Places where Stonehill graduates have recently attended a full- or part-time graduate program include:

- Boston University
- Brown University
- Johns Hopkins University
- Massachusetts College of Pharmacy and Health Sciences
- Massachusetts General Hospital
- Northeastern University
- SUNY College of Optometry
- Simmons College
- University of Chicago
- University of Connecticut
- University of Massachusetts
- University of Michigan
- University of Notre Dame
- University of Southern California
- University of Texas at Austin

CAMPUS RESOURCES

At Stonehill, neuroscience students learn by doing. Students who collaborate with faculty on research projects have access to a wide variety of high-tech equipment, a perk usually reserved for graduate students anywhere else. For the full list, go to stonehill.edu/academics/areas-of-study/neuroscience.

CAREER SERVICES RESOURCES FOR STUDENTS

General

- The Office of Career Services offers extensive assistance to students seeking employment, pursuing advanced studies or participating in postgraduate service opportunities. By completing internships and utilizing mentors, students are empowered to build lifelong career management skills.

Neuroscience-specific

- Extensive on-campus recruiting program for internships and entry-level jobs.
- Annual career fairs and graduate school information sessions.

“It wasn’t until I was enrolled in the Neuroscience program that I realized what a unique opportunity I had been given at Stonehill.”

– Megan Yardley '09

now pursuing her Ph.D. at University of Southern California
in the Department of Pharmacology and Pharmaceutical Sciences

Stonehill at a Glance

Founded by the Congregation of Holy Cross, Stonehill College values integrity, tradition and the rewards that come when you pair rigorous academics with world-class faculty committed to their students’ success. Our nationally recognized experiential learning programs and focus on service shape graduates into compassionate leaders and global thinkers.

- 2,590 full-time students (1,588 women, 1,002 men).
- 93% of students live on campus.
- 167 full-time faculty (100% of classes taught by professors).
- 13:1 student/faculty ratio (average class size: 19 students).
- Tuition: \$36,160. Room and board: \$13,710.
- 86% retention rate.
- 93% of enrolled students receive financial assistance. Average freshman award, including scholarships, grants, federal student loans and work study, is \$25,451.
- \$50.5 million: amount of aid Stonehill students received in 2013-2014 academic year.
- 80% of the Class of 2013 completed an internship-related experience while at Stonehill.
- Ranked in the top 10% nationally for opportunities abroad, Stonehill offers internships, study and service travel programs around the globe.
- 91% of students participate in internships, study abroad, research practicum or fieldwork.
- 50% of the class of 2013 had secured a job by graduation, double the national average of 25%.

98%

OF ALUMNI ARE IN CAREERS,
TOP GRADUATE PROGRAMS
OR VOLUNTEERING
WITHIN ONE YEAR OF
GRADUATION