



NEUROSCIENCE
2014

Graduate School Fair

Saturday, November 15
1–3 p.m.

Sunday–Tuesday, November 16–18
12–2 p.m.

Walter E. Washington Convention Center
Hall E



SOCIETY for
NEUROSCIENCE

Welcome to the third annual Graduate School Fair hosted by SfN's Committee on Neuroscience Departments and Programs. The Graduate School Fair provides a unique opportunity for prospective students and their advisors to meet face-to-face with representatives from more than 50 graduate programs across four days.

Participating Institutions	Booth #
Boston University	20
Brown University*	47
City University of New York*	44
Cold Spring Harbor Laboratory*	50
Colorado State University	26
Dartmouth University, Geisel School of Medicine*	36
Drexel University, College of Medicine*	1
Duke University*	46
École des Neurosciences de Paris	10
Florida Atlantic University	16
George Mason University	25
Georgetown University*	49
Icahn School of Medicine at Mount Sinai	3
Indiana University*	33
Johns Hopkins Medical Institute*	48
Kent State University	13
Louisiana State University Health Sciences Center Shreveport	12
Mayo Graduate School	29
Michigan State University	7
National Institute of Mental Health, University College London and National Institutes of Health, and Karolinska Institute*	40
National Science Foundation Graduate Fellowship^	40
New York University*	38
Okinawa Institute of Science and Technology	22
Oregon Health and Science University	2
Stowers Institute for Medical Research	27
The Ohio State University	24
Thomas Jefferson University^	34
Tulane University	31
Uniformed Services University of the Health Sciences	8
University of Alabama at Birmingham ^	1

Participating Institutions	Booth #
University of California, Davis	11
University of California, Los Angeles	21
University of Chicago^	36
University of Colorado, Denver	9
University of Illinois, Chicago^	39
University of Louisville*	42
University of Massachusetts Boston	14
University of Michigan*	37
University of Minnesota^	38
University of Mississippi Medical Center^	35
University of New Mexico	32
University of Pennsylvania	19
University of Rochester	17
University of Southern California*	43
University of Texas Health Science Center at Houston	15
University of Texas Health Science Center at San Antonio, MD/PhD Program	30
University of Texas Health Science Center at San Antonio, Neuroscience Program	4
University of Utah	5
University of Vermont	6
University of Washington*	34
University of Wisconsin-Madison*	39
University of Wisconsin-Milwaukee*	41
Vanderbilt Brain Institute*	35
Virginia Tech University^	37
Wake Forest University	28
Washington State University	18
Washington University in Saint Louis*	45
Weill Cornell Medical College^	33
Yale University	23

* Saturday-Sunday only

^ Monday-Tuesday only

BOOTH 01 (SATURDAY/SUNDAY)

Drexel University, College of Medicine *Neuroscience Graduate Program*

2900 Queen Lane, Room G24

Philadelphia, PA 19129

P: (215) 991-8157

Hilary.chubb@drexelmed.edu

drexelmed.edu/Home/AcademicPrograms/
BiomedicalGraduateStudies/Programs/
MastersDoctoralPrograms/Neuroscience.aspx

Drexel University College of Medicine offers an interdepartmental neuroscience program leading to MS and PhD degrees in order to meet the need for research scientists with broad backgrounds in neuroscience. One of the few programs of its kind in the area, it gives students an opportunity to gain interdisciplinary research training. Graduates of the program are equipped with knowledge and skills across the spectrum of neuroscience and are able to compete effectively for desirable positions in academia, industry, and teaching. The PhD program trains individuals to conduct independent research and to teach in neuroscience. We offer both a MS degree with a requirement of a laboratory research project for a thesis-based degree and a non-thesis degree program in which students can earn the degree by taking additional classes and writing a literature review paper.

BOOTH 01 (MONDAY/TUESDAY)

University of Alabama at Birmingham *Neuroscience PhD Program*

1825 University Blvd / SHEL 120

Birmingham, AL 35233

P: (205) 934-7034

neuroscience@uab.edu

uab.edu/gbs/neuroscience/

The UAB Neuroscience PhD Program is your portal into the comprehensive neuroscience research opportunities at The University of Alabama at Birmingham (UAB), where our students find a home and anchor for successful navigation through their graduate career. Our faculty and staff provide students with opportunities to study, learn, grow, and function as professional scientists. Our Neuroscience PhD Graduate Theme offers students a multidisciplinary format in a collaborative environment. Students have access to more than 100 faculty members in disciplines ranging from cloning new genes to neurodegenerative diseases to cognition health. Discovering an area of interest is not difficult here at UAB, in spite of all the choices.

BOOTH 02

Oregon Health and Science University *Graduate Program in Neuroscience*

3181 SW Sam Jackson Park Road, L474

Portland, OR 97222

P: (503) 494-6932

ngp@ohsu.edu

ohsu.edu/ngp

Founded in 1992, the Vollum Institute/OHSU Neuroscience Graduate Program at Oregon Health and Science University has 49 predoctoral students and more than 140 faculty in a broad range of sub disciplines. The program is intended for students planning a career in academic or industry research, but encourages students to explore the career path that matches ambitions and expertise. The program is particularly strong in cellular neuroscience, neuronal signaling, gene regulation, biophysics of channels and transporters, sensory systems, and neuroendocrinology with increasing strength in developmental neuroscience and disease-oriented neuroscience research. Faculty members are located within research institutes at OHSU including the Vollum Institute, the Oregon National Primate Research Center (ONPRC), Oregon Hearing Research Center, Jungers Center and the Center for Research on Occupational and Environmental Toxicology (CROET); as well as basic and clinical departments in the OHSU School of Medicine.

BOOTH 03

Icahn School of Medicine at Mount Sinai *Neuroscience Graduate Program*

Department of Neuroscience, Box 1639

1470 Madison Ave

New York, NY 10029

P: (212) 824-8981

george.huntley@mssm.edu

mssm.edu/gradschool/neu

Mount Sinai's neuroscience graduate program provides rigorous, multidisciplinary, and collaborative research training combining a thorough grounding in molecular, cellular, systems, and behavioral neuroscience with critical thinking skills and innovative approaches required for cutting-edge research in basic, translational, and clinical neuroscience. Ranked 4th nationally in NIH funding, the neuroscience departments and the training program leverages the close partnership between the Icahn School of Medicine and the Mount Sinai Hospital to provide extraordinary diversity of scientific and clinical strengths. Additionally, partnership with Rensselaer Polytechnic Institute facilitates drug discovery, the invention of advanced diagnostic tools and novel treatments in neuroscience.

BOOTH 04

University of Texas Health Science Center at San Antonio Neuroscience Program

7703 Floyd Curl Drive, MC 7764
San Antonio, TX 78229
P: (210) 567-4220
pharmgrad@uthscsa.edu
uthscsa.edu/neuroscience

The neuroscience program at UTHSCSA provides training ranging from molecular, cellular, and neurochemical to systems, behavioral, and clinical neuroscience. With >50 training faculty, we emphasize a flexible program tailored to each student, comprising fundamental and elective courses, a rich diversity of research opportunities, a broad selection of mentors, and many enrichment opportunities, including journal clubs, seminars, an annual retreat, brain awareness week activities, and social functions. Students present their research at professional meetings locally, nationally, and internationally, and publish in high-quality journals. An interactive community creates a challenging, stimulating and supportive environment in which our students develop into successful scientists.

BOOTH 05

University of Utah Neuroscience Programs

20 North 1900 East; 417 MREB
Salt Lake City, UT 84132
P: (801) 581-4820
tracy.marble@hsc.utah.edu
neuroscience.med.utah.edu

The Interdepartmental Neuroscience Program at Utah is a PhD degree program consisting of more than 70 faculty, in more than 14 departments. The core curriculum aims to provide a basic understanding of the electrical properties of the cell, development of the NS, synaptic transmission, and basic cognitive psychology. Students receive basic lab skills in all areas in the bootcamps. Rotations in four laboratories gives students broad experience in research questions from these disciplines. Lectures from visiting scientists, retreats at the Snowbird Resort, and student retreats expose students to research being conducted internationally. The University of Utah Neuroscience Programs considers the training of neuroscientists to be their most important mandate.

BOOTH 06

University of Vermont Neuroscience Graduate Program

HSRF 406, 149 Beaumont Avenue
Burlington, VT 05405
P: (802) 656-4504
rae.nishi@med.uvm.edu
uvm.edu/~neurogp/

The University of Vermont Neuroscience Graduate Program is a university-wide doctoral training program in multidisciplinary neuroscience with a focus on human health. It is a medium-sized program that guarantees funding for at least five years and focuses on providing personal attention to ensure the success of our trainees. We have a 92 percent retention rate with an average time to PhD of 5 years; the majority of our students move on to postdoctoral positions in research; and 20 percent of our students are underrepresented minorities. The University of Vermont is located near the shore of Lake Champlain in friendly Burlington, Vermont.

BOOTH 07

Michigan State University Neuroscience Program

293 Farm Lane, Room 108
East Lansing, MI 48824
P: (517) 595-8947
neurosci@msu.edu
neuroscience@msu.edu

The neuroscience PhD program at Michigan State University will provide information about its research and professional development training activities. Current graduate students and faculty will be available to answer visitor questions. The booth will target undergraduate students attending the SfN meeting who are seeking information about graduate training programs. Our program provides research training across molecular, cellular, integrative levels of analysis with particular emphasis on neurodegenerative diseases, sex differences in brain structure and function, neuroimaging and cognitive function and the autonomic nervous system. Students also have opportunities to develop teaching skills and to participate in an active outreach program.

BOOTH 08

Uniformed Services University of the Health Sciences

Neuroscience Graduate Program

4301 Jones Bridge Road
Bethesda, MD 20814
P: (301) 295-3642
netina.finley@usuhs.edu
usuhs.edu/nes

The Graduate Program in Neuroscience is an interdisciplinary PhD and MD./PhD program located at the Uniformed Services University in Bethesda, Maryland. The program is divided into fundamental and advance coursework in neuroscience and laboratory dissertation research. Courses and training are provided by interdisciplinary faculty with appointments in the School of Medicine. Research focuses at USU include neurotrauma, fear, stress, addiction, neural stem and progenitor biology relative to the military and civilian population. Prospective students can apply through the USU Graduate Education website at usuhs.edu/graded. There are no fees or tuition requirements and no military commitment for civilians.

BOOTH 09

University of Colorado, Denver

Anschutz Medical Campus Neuroscience Graduate Program

12800 East 19th Avenue | MS: 8315
Aurora, CO 80045
P: (303) 724-3120
emily.dailey@ucdenver.edu
ucdenver.edu/neuroscience

The Neuroscience Training program at the University of Colorado, School of Medicine, provides multidisciplinary training covering the breadth of neurobiology: from genes to behavior. The strength of the program lies in its student-centric structure, a very collaborative faculty, and state-of the art approaches to current problems in neuroscience. Excellent core facilities exist in the area of imaging, optogenetics, microscopy, gene targeting, and behavior. A total of 66 faculty members provide critical mass to each individual focus area, from molecular and cellular neuroscience to systems neuroscience, ensuring a vibrant and interactive training environment for students.

BOOTH 10

École des Neurosciences de Paris Graduate Program

15 rue de l'école de médecine
Réfectoire des Cordeliers 1er étage
Paris, FRANCE 75006
P: 00 33 1 71 18 31 48
graduateprogram@paris-neuroscience.com
paris-neuroscience.fr/en/graduate-program

The École des Neurosciences de Paris Graduate Program was established in 2007, and offers:

- training and PhD in English
- administrative support to settle in Paris and thorough the 4-year program
- a fellowship of 1,200€/month during the first year and a 1,800€ starting package to cover for initial registration and fees
- a net salary around 1,800€/month during the 3-year PhD period
- meeting with renowned researchers
- opportunity to access to top-level research centers and up-to-date techniques in various ENP affiliated laboratories through lab rotations
- networking with alumni and fellow international students
- highly-selective recruitment — now 58 recruited students out of 1,700 applications

BOOTH 11

University of California, Davis

Neuroscience Graduate Program

1544 Newton Court
Davis, CA 95618
P: (530) 757-8845
cmrillera@ucdavis.edu
neuroscience.ucdavis.edu/grad

The Neuroscience Graduate Program at UC Davis offers a program of study leading to the PhD degree in neuroscience. The 73 faculty members have research interests that encompass both basic science and clinical research, thereby offering an unusually broad range of research opportunities for students. Scientific research interests include molecular, cellular, developmental, systems, behavioral, computational, neurological, and cognitive approaches to neuroscience. Faculty members employ a diverse array of techniques that include molecular genetics; biochemistry; genomics; proteomics, *in vivo* and *in vitro* electrophysiology; optical, confocal, and multi-photon imaging; computation modeling; psychophysics; and functional brain imaging.

BOOTH 12

Louisiana State University

Health Sciences Center Shreveport

1501 Kings Highway
Shreveport, LA 71130
P: (318) 675-7851
mmoor8@lsuhsc.edu
lsuhscshreveport.edu/pharmacology

Louisiana State University, Health Sciences Center Shreveport offers the neuroscience doctoral student the opportunity to be grounded in principles of pharmacology, in addition to preparation for a career in the neurosciences. The student may also choose to take electives in toxicology. Neuroscience research is focused on molecular basis of aging-related and neurodegenerative diseases affecting locomotion, as well as those related to addiction. Students also have opportunities to develop fundamental grant-writing and oral presentation skills. Recent graduates have entered postdoctoral programs at The Mayo Clinic, St. Jude Children's Research Hospital and the University of Washington, in industry, and at the FDA and Astra Zeneca.

BOOTH 13

Kent State University

Department of Biological Sciences

School of Biomedical Sciences and Department of Biological Sciences
Kent, OH 44242
P: (330) 672-2263
emintz@kent.edu
kent.edu/biomedical/

Kent State University (KSU) is a large public research university in northeast Ohio. KSU is committed to supporting and growing its research focus in neuroscience. Doctoral students in neuroscience at KSU have the opportunity to train in prestigious laboratories on the KSU campus, the Northeastern Ohio Medical University, or the Lerner Institute of the Cleveland Clinic. Students can choose from several degree programs, including Biomedical Sciences (Neuroscience concentration), Biological Sciences (Physiology or Cell Biology concentrations), or Experimental Psychology. Areas of particular research strength include behavioral neuroscience, auditory neuroscience, learning and memory, and neurodegenerative diseases.

BOOTH 14

University of Massachusetts Boston

Developmental and Brain Sciences, PhD

100 Morrissey Boulevard
Boston, MA 02125
P: (617) 287-6352
dbs@umb.edu
dbs.psych.umb.edu

The PhD in Developmental and Brain Sciences (DBS) at the University of Massachusetts, Boston is a research-intensive program focused on understanding cognition, perception, and behavior when underlying neural and hormonal mechanisms are developing. Students may follow a cognitive specialization investigating functional changes in perceptual and cognitive abilities or a behavioral specialization investigating neural and hormonal correlates of behavior. The program stresses multiple levels of investigation, ranging from functional imaging such as ERP and NIRS to molecular and genetic techniques.

BOOTH 15

University of Texas Health Science Center at Houston

Graduate School of Biomedical Sciences Neuroscience Program

6431 Fannin, MSB 7.046
Houston, TX 77030
P: (713) 500-5193
F: (713) 500-0623
ms.neurograd@uth.tmc.edu
neurograd.org

The University of Texas Graduate School of Biomedical Sciences at Houston is a joint venture of UTHealth and the University of Texas MD Anderson Cancer Center that offers PhD and MS degrees in neuroscience. The Graduate Program in Neurosciences was started in 1978. Its purpose is to provide high quality training opportunities in a variety of scientific disciplines associated with the nervous system, including cellular, molecular, systems, computational, and visual neuroscience. The Neuroscience Program faculty spans 16 different departments and focuses on basic and translational neuroscience.

BOOTH 16

Florida Atlantic University *Integrative Biology and Neuroscience (IBAN)*

Florida Atlantic University
Department of Biological Sciences
Building 1, Room 136
777 Glades Road
Boca Raton, Florida 33431
P: (561) 297-0384
mcavallo@fau.edu
science.fau.edu/neuroscience/iban

The Integrative Biology and Neuroscience (IBAN) program offers a PhD in Integrative Biology with an emphasis in Neuroscience. A collaborative effort of Florida Atlantic University and the Max Planck Florida Institute for Neuroscience, the IBAN program tackles many of the cutting edge questions in neuroscience through the integration of multiple disciplines, different model systems, and a broad spectrum of technologies. Faculty will provide formal course work and core facilities will provide practical workshops in advanced methods. The first year curriculum includes classroom and laboratory instruction in cellular, molecular, and systems neuroscience, courses in scientific communication and statistics, and laboratory rotations.

BOOTH 17

University of Rochester *Neuroscience Graduate Program*

601 Elmwood Avenue, Box 603
Rochester, NY 14642
P: (585) 275-5788
douglas.portman@urmc.rochester.edu
urmc.rochester.edu/education/graduate/phd/
neurosciences

The Neuroscience Graduate Program at the University of Rochester offers an outstanding opportunity for graduate training in an exceptionally interactive and collaborative environment at a world-class research institution. More than 60 faculty members from across the University participate in the program by serving as mentors for student trainees. Research interests of the faculty span all major themes in contemporary neuroscience including cell signaling and communications; learning, memory, and adaptive plasticity; neurobiology of disease; neurodevelopment and aging; neuroengineering; neurogenetics; sensory, motor, and integrative systems neuroscience; and stem cells, neurogeneration, and repair.

BOOTH 18

Washington State University *Graduate Program in Neuroscience*

PO Box 647620
Pullman, WA 99164
P: (509) 335-7675
grad.neuro@wsu.edu
ipn.vetmed.wsu.edu/Neuroscience

Washington State University's Program in Neuroscience is an interdisciplinary biomedical program featuring more than 40 world-renowned research-active faculty. WSU is among the nation's top research universities, with annual research expenditures of over \$175 million. Students in the program are immersed in active, state-of-the-art research laboratories, with the opportunity to make significant scientific contributions. WSU's neuroscience research program focuses on extending molecular and cellular understanding to systems level physiology and behavior. Areas of research interest of the faculty include: neurobiology of sleep, body weight and energy balance, the biology of addiction, emotion and well-being, circadian regulations, vision and muscle physiology.

BOOTH 19

University of Pennsylvania *Neuroscience Graduate Group*

3620 Hamilton Walk
Philadelphia, PA 19104
P: (215) 898-8048
hoshij@mail.med.upenn.edu
med.upenn.edu/ngg/

The Neuroscience Graduate Group (NGG) at the University of Pennsylvania is a collaborative and interdisciplinary PhD program that provides training for careers in neuroscience research and teaching. Founded in 1984, the NGG brings together over 120 faculty from 32 academic departments. The training program is designed to provide a strong foundation of neuroscience knowledge while at the same time taking into account each student's strengths, needs, and career goals. The unique Graduate-Led Initiatives and Activities (SLIA) student organization develops students' leadership skills through professional development, community building, and outreach activities. The NGG received the Society for Neuroscience's Graduate Program Achievement award in 2013.

BOOTH 20

Boston University

Graduate Program for Neuroscience

5 Cummington Mall
Boston, MA 02115
P: (617) 358-1123
neurosci@bu.edu
bu.edu/neuro/graduate

GPN is a University-wide PhD program in neuroscience. The research of our training faculty covers virtually all areas of neuroscience and GPN serves as the nexus point for all neuroscience training at Boston University. An essential feature is a set of core courses taken by all students which are aimed at developing a community of thinkers. Students move through their training together, building relationships that cross inter-departmental barriers, and foster cross-disciplinary collaborations. Each student is provided with an individually tailored mentorship and educational program that builds upon their strengths and interests, while also recognizing areas that need enrichment.

BOOTH 21

University of California, Los Angeles

Interdepartmental PhD Program for Neuroscience

1506D Gonda Center
Los Angeles, CA 90095
P: (310) 825-8153
neuropsych@mednet.ucla.edu
neuroscience.ucla.edu

The goal of the UCLA Interdepartmental PhD Program for Neuroscience is to educate students for careers in neuroscience research and teaching. Neuroscience research at UCLA covers broad areas in the field, including molecular, cellular, systems and clinical investigations.

BOOTH 22

Okinawa Institute of Science and Technology *Computational Neuroscience Unit*

1919-1 Tancha
Onna-son, Okinawa 904-0495
P: +81-(0)98-966-2271
stu-rcrt@oist.jp
oist.jp

The Okinawa Institute of Science and Technology (OIST) is an interdisciplinary graduate school offering a 5-year PhD program in Science. With over half of faculty and students coming from outside Japan, all education and research is carried out in English. The graduate school accepts approximately 20 students per year, and all students receive a very competitive support package. Frequent visits from internationally-known scientists further enrich the program and provide opportunities for global networking. OIST is looking worldwide for future scientists who are creative, innovative, and not afraid to take risks, students who will push the frontiers of knowledge.

BOOTH 23

Yale University

Neuroscience Track

333 Cedar St, SHM C303
New Haven, CT 06510
P: (203) 785-4323
bbs.neuro@yale.edu
medicine.yale.edu/bbs/neuroscience/index.aspx

The scientific interests of the Neuroscience Track faculty at Yale represent the full range of the broad and rapidly growing field of neuroscience. Leaders in areas ranging from the genetic and structural analysis of single-membrane channels to the functional characterization of the neocortex are represented in a diverse group of outstanding scientists. In many research areas groups of faculty with different backgrounds apply complementary technologies to similar problems. The interdisciplinary research programs of Yale neuroscience faculty are central to the Neuroscience Track, and the primary purpose of the program is to provide students with maximum diversity and depth in the most important areas of neuroscience research.

BOOTH 24

The Ohio State University

Neuroscience Graduate Studies Program

115 Biological Sciences Building
484 W 12th Ave
Columbus, OH 43210
P: (614) 292-2379
ngsp@osu.edu
ngsp.osu.edu

The Ohio State University Neuroscience Graduate Studies Program trains innovative, forward-thinking students to become tomorrow's pioneers in neuroscience research. We offer a competitive, stimulating environment for students pursuing a doctoral degree in neuroscience. Our interdisciplinary training program provides a foundation of neuroscience knowledge through an integrated and wide-ranging curriculum in addition to working one-on-one with distinguished faculty in a chosen area of research emphasis. Our graduates are self-reliant, versatile neuroscientists that compete for an array of positions within academia and industry.

BOOTH 25

George Mason University

Neuroscience Program

4400 University Dr.
Fairfax, VA 22030
P: (701) 993-1000
kblackw1@gmu.edu
neuroscience.gmu.edu

George Mason University offers a PhD in Interdisciplinary Neuroscience. The neuroscience faculty at Mason consists of a unique blend of traditional experimental and theoretical scientists. Their research focuses on the broad areas of behavior, anatomy, physiology, biochemistry, computational modeling, and informatics. The main objective of the PhD program is to train students to be research scientists in academia, industry, and government. The program provides students with an interdisciplinary, research intensive, academic environment for comprehensively developing their intellectual ability to successfully pursue a career in neuroscience.

BOOTH 26

Colorado State University

Molecular, Cellular and Integrative Neurosciences Program

Colorado State University
CD1617
Fort Collins, CO 80523
P: (970) 491-0425
nancy.graham@colostate.edu
mcin.colostate.edu

This interdisciplinary graduate and undergraduate research and education program has 30 faculty participants. The international reputation of the faculty members and their ability to attract strong extramural support has resulted in the program being designated as one of CSU's Program of Research and Scholarly Excellence. Faculty research interests include cellular, molecular and integrative neurobiology, neuronal differentiation, degeneration, ion channels and membrane physiology, synaptic mechanisms, neuronal circuitry, sensory biology, artificial neural networks, cognitive neuroscience, and prion pathology. Students interested in the cellular and molecular aspects of nervous system function and systems neuroscience are encouraged to visit the booth.

BOOTH 27

Stowers Institute of Medical Research

The Graduate School

1000 East 50th Street
Kansas City, MO 64110
P: (816) 926-4400
education@stowers.org
stowers.org

The PhD program in Biology offers:

- Emphasis on critical, independent thinking and experimental prowess
- Close interaction with superb faculty covering a wide range of biological fields
- Direct access to world-class facilities and support
- Extensive mentoring at all stages of the program
- Generous and sustained financial support
- \$32,000/year stipend
- Medical, pharmacy, and dental coverage
- Travel and conference allowances
- Laptop computer
- Assistance in English proficiency, especially writing, if needed
- A close-knit, energetic community of peers
- Outstanding quality of life in vibrant, affordable Kansas City

BOOTH 28

Wake Forest University *Neuroscience Program*

1 Medical Center Boulevard
Winston-Salem, NC 27157
P: (336) 716-0087
neuroscience@wakehealth.edu
neuroscience.graduate.wfu.edu

The Neuroscience Program includes more than 90 participating faculty members across 16 departments who study how the nervous system works, develops, and can be affected by disease and damage. A distinctive feature of our neuroscience community is that state-of-the-art research is carried out within an environment of remarkable openness and collegiality, providing not only foundation for numerous collaborations within and across departments, but also unlimited opportunities for training, mastering new techniques, and a wide range of professional opportunities. The goal is to allow students to pursue specific research interests while receiving rigorous training for successful careers in the neurosciences.

BOOTH 29

Mayo Graduate School *Neurobiology of Disease PhD Program*

200 First St SW
Rochester, MN 55905
P: (507) 284-1781
molnsci@mayo.edu
mayo.edu/mgs/programs/phd/neurobiology-of-disease

The Neurobiology of Disease PhD program at Mayo Graduate School unites basic neuroscientists and clinician-scientists as faculty. With a focus in neurodegeneration and neuroregeneration, the Neurobiology of Disease program takes advantage of world-renowned faculty at Mayo Clinic campuses in Jacksonville, Florida and Rochester, Minnesota. Mayo Graduate School offers a unique, guaranteed funding model, elite faculty committed to each student's success, and access to outstanding research training embedded within a leading academic research and medical institution. Students have the opportunity to work on a wide range of fundamental and translational neurobiology research projects in state-of-the-art research facilities.

BOOTH 30

University of Texas Health Science **Center at San Antonio** *MD/PhD Program*

7703 Floyd Curl Drive, MC 7713
San Antonio, TX 78229
P: (210) 567-3746
cavazosj@uthscsa.edu
uthscsa.edu/neuroscience

The dual degree program is a 7–8 year program, with the first 2 years of medical school, then transition to graduate school for 3–4 years for completion of dissertation research, earning their PhD, then returning to complete the final 2 years of medical school. Full financial support includes a stipend, tuition, fees, and fringe benefits by the MD/PhD Program while in medical school and supervising mentors/research grants during Graduate School. There is an annual stipend of \$26,000 provided throughout the MD/PhD program. The BME program annual stipend is \$21,000 during the graduate school years.

BOOTH 31

Tulane University *Neuroscience Program*

2013 Stern Hall, 6400 Freret Street
New Orleans, LA 70118
P: (504) 862-3305
sherrie@tulane.edu
tulane.edu/sse/neuro/

Tulane University is one of the top-ranked universities in one of the most interesting cities in the United States. The Tulane Neuroscience Program brings together researchers from across the University, including from the School of Medicine, the School of Science and Engineering and the Tulane National Primate Research Center, to study the brain and the nervous system in health and disease. Faculty bring expertise in a wide range of multidisciplinary techniques to the study of the central nervous system in a collegial and intimate environment of learning and training in research methodology.

BOOTH 32

University of New Mexico

Department of Neurosciences

MSC08 4740

1 University of New Mexico

Albuquerque, NM 87131

P: (505) 272-4411

kcaldwell@salud.unm.edu

neurosciences.unm.edu/index.html

The Department of Neurosciences is an academic unit of the University of New Mexico School of Medicine dedicated to the advancement of knowledge and understanding of the nervous system. The Neurosciences Department faculty consists of investigators with diverse backgrounds utilizing multidisciplinary and collaborative approaches in the study of nervous system development, function and disease.

BOOTH 33 (SATURDAY/SUNDAY)

Indiana University

Program in Neuroscience

1101 East 10th Street

Bloomington, IN 47405

P: (812) 855-7756

jcrysal@indiana.edu

indiana.edu/~neurosci

The Graduate Program in Neuroscience at Indiana University, Bloomington trains doctoral students in cutting-edge neuroscience. The training environment is highly interactive and focuses on: Molecular and Cellular Neuroscience; Behavioral Neuroscience; Cognitive and Computational Neuroscience; Clinical and Translational Neuroscience. IU has world-class facilities, including resources in chemistry, informatics, and molecular and cell biology for comprehensive analysis of neurons and neuronal networks; a transgenic mouse core; proteomic analyses of protein-protein interactions and post translational modifications in neuron signaling and live cell imaging of biochemical events and dynamic morphological changes; world-class neuroimaging facilities including a 3T fMRI scanner, 256-channel EEG, and TMS.

BOOTH 33 (MONDAY/TUESDAY)

Weill Cornell Medical College

Neuroscience Graduate Program

1300 York Avenue

New York, NY 10065

P: (646) 962-6145

ald2032@med.cornell.edu

brainandmind.weill.cornell.edu/education-training/

leon-levy-fellowship/neuroscience-graduate-

program/neuroscience-graduate-program

The Graduate Program in Neuroscience offers training in a wide range of disciplines: from molecular neurobiology to human imaging. The core curriculum gives students a broad foundation in neuroscience while allowing them to work closely with faculty to complement their own interests for an intellectually challenging, individualized, education. Our diverse research programs tackle questions fundamental to understanding human neurological and psychiatric disease. The program's integration into a new translational institute and the faculty's commitment to collaboration and mentorship offers students a unique training opportunity. The faculty are committed to training future leaders in basic and translational science.

BOOTH 34 (SATURDAY/SUNDAY)

University of Washington

Graduate Program in Neurobiology and Behavior

1959 Northeast Pacific Street, Box 357270

Seattle, WA 98195

P: (206) 685-1647

neubehav@uw.edu

depts.washington.edu/behneuro

The Graduate Program in Neurobiology and Behavior at the University of Washington offers an interdisciplinary degree that encompasses more than 20 departments and 130 faculty across multiple research sites in Seattle. Our training program covers the breadth of neuroscience, including molecular, developmental, cellular, system, computational, and behavior neuroscience — from the molecule to the mind. The NandB Program also offers a 12-month competitive salary, with tuition waivers and benefits.

BOOTH 34 (MONDAY/TUESDAY)

Thomas Jefferson University *Graduate Program in Neuroscience*

900 Walnut St
Philadelphia, PA 19107
P: (215) 503-1245
manuel.covarrubias@jefferson.edu
jefferson.edu/university/biomedical_sciences/
programs/phd/neuroscience.html

Thomas Jefferson University's Graduate Program in Neuroscience (GPN) provides hands-on neuroscience training with internationally recognized scientists. GPN is interdisciplinary giving students the opportunity to acquaint themselves with different research areas in neuroscience, cell biology, biochemistry, and molecular biology. As a laboratory's trainee, a student pursues a scholarly research project. As a classroom fellow, he/she receives classroom and laboratory training from Faculty from basic science and clinical departments within Thomas Jefferson University. The goal of the GPN is to provide students with (a) formal instruction in the classroom and the laboratory, (b) laboratory experience to pursue an independent scientific research project, and (c) learning the skills to become effective teachers.

BOOTH 35 (SATURDAY/SUNDAY)

Vanderbilt Brain Institute *Neuroscience Graduate Program*

465 21st Avenue, South – Room 1205 Medical
Research Building III
Nashville, TN 37232
P: (615) 936-2610
brain.institute@vanderbilt.edu
braininstitute.vanderbilt.edu

Graduate training in neuroscience at Vanderbilt University capitalizes on the broad research interests and expertise of faculty across the entire Vanderbilt campus. Established in 1999, the transinstitutional neuroscience PhD program represents the culmination of years of internationally recognized faculty working together across departments and schools in collaborative research and teaching endeavors. The Vanderbilt Brain Institute, strategically located at the junction of the College of Arts and Science and the Medical Center, provides a central home for the training program. Programmatic integration across the campus is a tremendous strength of the Vanderbilt Brain Institute, with the core mission of the Neuroscience Graduate Program being to train the future leaders in our discipline.

BOOTH 35 (MONDAY/TUESDAY)

University of Mississippi Medical Center *Graduate Program in Neuroscience*

2500 North State Street
Jackson, MS 39216
P: (601) 984-1640
lboyd@umc.edu
umc.edu/neuroscience

The goal of the Program in Neuroscience is to prepare students for the wide range of career paths available in neuroscience. We provide outstanding research training opportunities in more than two dozen laboratories investigating problems in neuroscience ranging from a molecular to clinical level. In addition, we provide extensive professional skills development to prepare students for careers utilizing their neuroscience training in academia, industry, government, teaching and public outreach. The program fully recognizes the need to provide all students with the skills needed to compete in the ever-widening field of careers open to highly skilled neuroscientists.

BOOTH 36 (SATURDAY/SUNDAY)

Dartmouth College, Geisel School of Medicine *The Neuroscience Center at Dartmouth*

1 Medical Center Dr, HB7700
Hanover, NH 03756
P: (603)-650-4589
tncd@dartmouth.edu
geiselmed.dartmouth.edu/ncd/

The Neuroscience Theme of the Program in Experimental Medicine (PEMM) offers Graduate training in Neuroscience at Dartmouth. The faculty, affiliated with the Neuroscience Center at Dartmouth (NCD), train PhD, MD-PhD and PhD-MBA students in fundamental, translational, and/or clinical neuroscience, and prepare them for academic and nonacademic careers in neuroscience. The interdepartmental nature of the PEMM Neuroscience Theme and the NCD promote close interactions with faculty, residents, fellows, and students. The collegial academic atmosphere at Dartmouth, the breadth and quality of neuroscience research encourage productive collaborations, and foster academic excellence and advancement in the neurosciences.

BOOTH 36 (MONDAY/TUESDAY)

University of Chicago

Graduate Programs in Neuroscience

5801 South Ellis Ave

Chicago, IL 60637

P: (773) 702-6371

neurobiology@bsd.uchicago.edu

neuroscience.uchicago.edu

Research in neuroscience at The University of Chicago spans a diverse range of topics and techniques from molecules and cells to neural circuits and behavior. Our community of neuroscientists is composed of more than 75 faculty members across more than seven academic and clinical departments, all of which are located on the Hyde Park campus — a key feature of our institution, which facilitates interactions among researchers and scholars with diverse interests, backgrounds and approaches. Our faculty, students, and postdoctoral researchers are engaged in uncovering the principles by which the nervous system is organized, mechanisms of perception and behavior, and are paving the way for the next generation of treatments for neurological disease and mental illness.

BOOTH 37 (SATURDAY/SUNDAY)

University of Michigan

Neuroscience Graduate Program

204 Washtenaw Avenue

4137 Undergraduate Science Building

Ann Arbor, MI 48109

P: (734) 763-9638

neuroscience.program@umich.edu

neuroscience.med.umich.edu

The Neuroscience Graduate Program at the University of Michigan was constituted in 1971, making it the longest-standing neuroscience graduate program in the United States. They are a collegial and interactive group of students and faculty that perform research across the breadth of the neuroscience field. The Graduate Program is the nexus of the neuroscience community. The program captures the excitement and interaction intrinsic to the field of neuroscience.

BOOTH 37 (MONDAY/TUESDAY)

Virginia Tech University

PhD Program in Translational Biology, Medicine, and Health

1 Riverside Circle

Suite 201

Roanoke, VA 24016

P: (540) 546-2005

avanwart@vt.edu

tbmh.vt.edu

Virginia Tech's Translational Biology, Medicine, and Health program is a multidisciplinary PhD program in the biomedical and health sciences designed to prepare the next generation of scientific leaders to make and translate discoveries into preventions, diagnostics, treatments, and healthier behaviors. Students can pursue one of six focus areas: Neuroscience; Cancer; Development, Aging, and Repair; Health Implementation Science; Immunity and Infectious Disease; and Metabolic and Cardiovascular Sciences.

BOOTH 38 (SATURDAY/SUNDAY)

New York University

Neuroscience Institute

450 E 29th St

New York, NY 10016

P: (212) 263-9134

annette.gray@nyumc.org

neuroscience.nyu.edu

NYU neuroscience graduate education provides integrated training encompassing molecular, cellular, developmental, systems, and computational approaches. It builds on the breadth and strength of ongoing research across many interrelated departments and multiple campuses, especially the Center for Neural Science, Sackler Institute, and NYU-Shanghai. Students receive comprehensive, interdisciplinary training and sample diverse research experiences before committing to their research topic and laboratory. The program emphasizes research training at the highest level and engages students in research throughout their graduate education. Students also benefit from an interactive, collegial community and actively participate in shaping the rich intellectual environment that complements their formal training.

BOOTH 38 (MONDAY/TUESDAY)

University of Minnesota

IGERT Systems Neuroengineering Program

312 Church St SE
7-105 Hasselmo Hall
Minneapolis, MN 55455
P: (612) 624-8396
igert-ne@unm.edu
igert-ne.umn.edu

Trainees in this NSF-funded IGERT (Integrative Graduate Education and Research Training) Program participate in an integrated curriculum that will provide them with a solid foundation in the interdisciplinary field of neuroengineering, along with broad research training using a team advising model, for the successful application of neuroengineering concepts and methods to real-world problems.

BOOTH 39 (SATURDAY/SUNDAY)

University of Wisconsin-Madison

Neuroscience Training Program Neuroscience and Public Policy Program

9531 Wisconsin Institutes for Medical Research
(WIMR)
1111 Highland Ave
Madison, WI 53705
P: (608) 264-4932
ntp@mhub.neuroscience.wisc.edu
ntp.neuroscience.wisc.edu

The Neuroscience Training Program (NTP) at UW-Madison is one of the oldest and most successful graduate neuroscience programs in the country. Currently, it comprises more than 100 faculty members whose research interests range from molecular neurobiology to integrative systems and computational modeling. The program is designed to prepare students for careers in research and teaching. In addition to our traditional training leading to a PhD degree in neuroscience, NTP has partnered with the Neuroscience and Public Policy program to establish the integrated dual degree tracks in neuroscience and public policy and neuroscience and law.

BOOTH 39 (MONDAY/TUESDAY)

University of Illinois at Chicago

Graduate Program in Neuroscience

Clinical Sciences North
840 South Wood Street
Chicago, IL 60608
P: (312) 996-7370
uicneuroscience@gmail.com
neurosci.uic.edu

The Interdisciplinary Graduate Program in Neuroscience brings together faculty and students from several UIC Colleges and academic disciplines whose research emphasizes cellular/molecular, systems/cognitive, and behavioral/applied approaches to the study of Neuroscience. Together, these scientists and clinicians advance our understanding of the brain, provide new treatments, and train the next generation of neuroscientists.

The Graduate Program in Neuroscience has nearly 75 participating faculty members, 11 academic departments, and several renowned research programs.

BOOTH 40 (SATURDAY/SUNDAY)

National Institute of Mental Health, University College London, National Institutes of Health/Karolinska Institute *Graduate Programs*

Building 35, Suite GE400
35 Convent Dr
Bethesda, MD 20892
P: (301) 451-4512
nimhfellowship@intra.nimh.nih.gov
nimh.nih.gov/labs-at-nimh/fellowships-and-training/
index.shtml

The NIH sponsors joint graduate programs in neuroscience: the NIMH-University College London (UCL) and the NIH-Karolinska Institute (KI) Programs. The degrees for these programs are granted by UCL and KI. Students in these programs identify mentors at both institutions and spend half of their research time on the NIH campus in Bethesda, Maryland, and half at UCL or KI. NIMH conducts basic, clinical, and translational research to advance the understanding of the diagnosis, causes, treatment, and prevention of mental disorders and thus provides a rich environment conducive to the training of graduate students in these two premier neuroscience programs.

BOOTH 40 (MONDAY/TUESDAY)

National Science Foundation Graduate Fellowship Program (ASEE)

1818 N St NW #600

Washington, DC 20036

P: (202) 649-3837

c.carr@asee.org

ccarr@associates.nsf.gov

nsgrfp.org

The NSF Graduate Research Fellowship Program recognizes and supports outstanding graduate students in NSF-supported disciplines who are pursuing research-based master's and doctoral degrees at accredited United States institutions. Fellows share in the prestige and opportunities that become available when they are selected with benefit such as a \$32,000 stipend for three years, a \$12,000 cost of education allowance for tuition and fees (paid to the institution), opportunities for international research and professional development, and the freedom to conduct their own research at any accredited U.S. institution of graduate education they choose.

BOOTH 41 (SATURDAY/SUNDAY)

University of Wisconsin-Milwaukee Neuroscience Program

2441 East Hartford Ave.

Milwaukee, WI 53211

P: (414) 229-7228

lopezyi@uwm.edu

uwm.edu/neuroscience/

Neuroscience training at UWM focuses largely on the neurobiology of learning, memory, and vision, with special emphasis on neural plasticity, emotion, addiction, aging, visual perception, and hormonal regulation. Training emphasizes a systems-level approach in a variety of model systems that provides the opportunity to examine questions using state-of-the-art cellular, molecular, and imaging techniques. The program has experienced unprecedented growth over the past several years and is an integral part of a larger neuroscience community in Milwaukee, including laboratories in Biological Sciences at UWM as well as laboratories in various departments at both Marquette University and the Medical College of Wisconsin.

BOOTH 42 (SATURDAY/SUNDAY)

University of Louisville Anatomical Sciences and Neurobiology

511 South Floyd St, MDR 111

Louisville, KY 40202

P: (502) 852-5165

dlbott01@louisville.edu

<http://louisville.edu/medicine/departments/anatomy>

The Department of Anatomical Sciences and Neurobiology at the University of Louisville School of Medicine has world-class investigators in basic and translational science (23 full-time and 15 affiliate faculty). The philosophy is to encourage academic excellence within a framework of structure-function relationships at molecular, cellular, and system levels. Programs include a fully supported PhD program, a thesis MS degree, and a non-thesis MS in Anatomical Sciences and Instruction. Research groups include sensory systems, development and plasticity, neural injury and repair, and anatomical sciences and instruction. The department is home to a fresh tissue lab and state-of-the-art imaging core facilities.

BOOTH 43 (SATURDAY/SUNDAY)

University of Southern California Neuroscience Graduate Program

3641 Watt Way

Los Angeles, CA 90089

P: (213) 740-2245

redel@usc.edu

npg.usc.edu

The Neuroscience Graduate Program (NGP) at the University of Southern California was established in 1994 as a university-wide doctoral program, and presently more than 100 graduate students are pursuing their degrees. The program offers students a broad-based curriculum and state-of-the-art training in modern neuroscience methods and techniques. An outstanding range of scientists drawn from many departments maintain cutting-edge laboratories that offer diverse opportunities. The mission is to provide an exceptional academic environment in which today's aspiring neuroscientists receive support and mentorship that allows them to flourish in their scholarly pursuit of understanding normal and diseased nervous system structure and function.

BOOTH 44 (SATURDAY/SUNDAY)

City University of New York

Neuroscience Collaborative

365 5th Avenue

New York, NY 10016

P: (212) 817-8100

psychology@gc.cuny.edu

gc.cuny.edu/Page-Elements/Academics-

Research-Centers-

Initiatives/Interdisciplinary-Concentrations/CUNY-

Neuroscience-Collaborative-(CNC)

The CUNY Neuroscience Collaborative focuses on the functional organization of the nervous system at all levels, from its molecular, cellular and genetic foundation to its expression in behavioral and cognitive processes. The program provides both broad and individualized, focused training to a selected group of students from diverse undergraduate backgrounds. These students will have scholarly and research interactions with a distinguished faculty, utilizing a wide range of research methods that include studies of neuronal function at levels of analysis spanning membrane channel mechanisms, through the genetic control of development, to the study of sensory, motor, neuroendocrine, motivational and cognitive systems.

BOOTH 45 (SATURDAY/SUNDAY)

Washington University in St. Louis

Division of Biology and Medical Services

660 South Euclid Ave

CB 8226

St. Louis, MO 63368

P: (800) 852-9074

dbbs-info@wustl.edu

dbbs.wustl.edu

Organized in 1973, the Division of Biology and Biomedical Sciences is a graduate educational consortium that includes faculty affiliated with 20 clinical and basic science departments in the School of Medicine and in the College of Arts and Science, all at Washington University in St. Louis. Division programs provide a broad interdisciplinary approach to graduate education. Students may choose from more than 450 faculty members for laboratory rotation and dissertation research mentors. The Division offers training in 12 programs that lead to the PhD, combined MD./PhD, and a Summer Undergraduate Research Program.

BOOTH 46 (SATURDAY/SUNDAY)

Duke University

Neurobiology Graduate Program

Duke University

Durham, NC 27710

P: (919) 684-5025

mooney@neuro.duke.edu

neuro.duke.edu

The Graduate Program in Neurobiology at Duke is an interdepartmental program for students to pursue the PhD degree. Our mission is to train future leaders in the field of Neurobiology. The Neurobiology program is oriented toward questions of the structure and function of brain cells and the brain. Our 45 faculty mentors have homes in 16 departments: Neurobiology, Cell Biology, Bioengineering, Biology, Ophthalmology, Anesthesia, Neurology, Pediatrics, Medicine, Molecular Genetics and Microbiology, Psychiatry, Physics, Radiology, Statistics, Surgery, and Psychology and Neuroscience.

BOOTH 47 (SATURDAY/SUNDAY)

Brown University

Neuroscience Graduate Program

185 Meeting Street

Box G-LN

Providence, RI 02912

P: (401) 863-3425

nsgp@brown.edu

neuroscience.brown.edu/graduate

The Neuroscience Graduate Program at Brown University offers advanced study for academic and research careers in the field of neuroscience. The Program promotes interdisciplinary research that crosses traditional discipline and department boundaries, while also providing a strong foundation in the core concepts of neuroscience. Research in the program employs an array of techniques and encompasses multiple levels of investigation from genes, molecules, and cells to neural networks, systems, behavior, and computation. The program integrates skills essential for successful, independent research careers including critical thinking and reasoning, effective science writing and oral presentation, knowledge of the scientific review process, and ethics training.

BOOTH 48 (SATURDAY/SUNDAY)

Johns Hopkins Medical Institute *Department of Neuroscience*

1003 Wood Basic Science Building
725 North Wolfe St
Baltimore, MD 21205
P: (410) 614-2447
rgragan@jhmi.edu
neuroscience.jhu.edu

The Solomon H. Snyder Department of Neuroscience at Johns Hopkins has long been not only one of the most prestigious and productive, but also collaborative, neuroscience research institutions in the world. Accordingly, our graduate program is a thriving family of students and faculty that constantly swap ideas, share skills, and have fun. Cutting-edge research in a tightknit community is the hallmark of the Hopkins experience. Numerous training, teaching, and outreach opportunities outside the core program are also available for interested students.

BOOTH 49 (SATURDAY/SUNDAY)

Georgetown University *Interdisciplinary Program in Neuroscience*

3900 Reservoir Rd NW
Washington, DC 20057
P: (202) 687-1420
bwolfe01@georgetown.edu
neuroscience.georgetown.edu

This year, the Interdisciplinary Program in Neuroscience (IPN) at Georgetown University celebrates its 20th year of training well-rounded neuroscientists. The IPN has 110+ alumni and is ranked as one of the top 20 neuroscience programs in the United States. The program's community of students and faculty work together to maintain excellence and innovate in graduate training. The curriculum spans cellular, molecular, systems and cognitive approaches. This complements basic, disease-oriented, and translational research programs in molecular neurodegeneration/neuropathology, cognitive neuroscience, neurodevelopment, language, memory, and social interactions. Additional training opportunities exist in neural injury and plasticity and cognitive, computational, and systems neuroscience.

BOOTH 50 (SATURDAY/SUNDAY)

Cold Spring Harbor Laboratory *Watson School of Biological Sciences*

1 Bungtown Road
Cold Spring Harbor, NY 11724
P: (516) 367-6890
gradschool@cshl.edu
cshl.edu/gradschool/

The Watson School of Biological Sciences at Cold Spring Harbor Laboratory offers an innovative four-year PhD program designed for exceptional students. The program includes the following features: • Approximately four years from matriculation to PhD degree • broad representation of the biological sciences • first year with course work and laboratory rotations in separate phases • Emphasis on the principles of scientific reasoning and logic, as well as the importance of ethics and effective communication • Continued advanced course instruction throughout graduate curriculum • "Two-tier" mentoring program. There is full remission of tuition fees and full stipend. Research costs are provided.

Notes



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