

Workshops, Meetings & Events

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KEY

Preregistration Required Course Fee Professional Development Networking Public Outreach

Friday, Oct. 16

Society for Neuroscience Short Course #1

Epigenetic Control and Neuronal Function

Friday, Oct. 16, 7:30 a.m.–5:30 p.m.

McCormick Place: Room S401

Organizer: Paolo Sassone-Corsi, PhD

Neurons are cells submitted to an exceptional variety of stimuli and can convert these stimuli into high order functions, such as storing memories, controlling behavior, and governing consciousness. These unique properties are based on highly plastic processes, which are intimately dependent on the complex molecular machinery that controls gene expression. Evidence is accumulating that neuronal functions have more than a solely genetic basis. Epigenetic control, which largely involves events of chromatin remodeling, appears to govern some of the more distinctive features of neuronal responses, guiding, for example, dynamic plasticity and long-lasting cellular memory. Understanding the molecular pathways of chromatin transitions in neurons is thereby critical, as it will provide fundamental insights on how plasticity is achieved. What are the epigenetic pathways leading to specific responses in neurons? The presence of an “epigenetic indexing code” has been postulated, but how this may operate still needs to be elucidated. The purpose of this course is to provide the conceptual basis of epigenetics and chromatin remodeling and to discuss how central findings accumulating at an exponential pace in the field are changing our perspective of brain function. This day-long course consists of a series of lectures followed by informal breakout sessions and includes a syllabus book.

Speakers:

Shelley L. Berger, PhD, *University of Pennsylvania*; Paolo Sassone-Corsi, PhD, *University of California, Irvine*; Terumi Kohwi-Shigematsu, PhD, *University of California, Berkeley*; Moshe Szyf, PhD, *McGill University*; Antonella Riccio, MD, PhD, *University College London*; Marcelo A. Wood, PhD, *University of California, Irvine*; Stephen J. Haggarty, PhD, *Harvard Medical School, Massachusetts General Hospital*

CONTACT:

Liz Larabell

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SHORT COURSE FEES:

(includes breakfast, lunch, syllabus book, and reception)

| | |
|----------------------------------|-------|
| Student Member | \$90 |
| Student Nonmember | \$120 |
| Postdoctoral Member | \$160 |
| Postdoctoral Nonmember | \$200 |
| Faculty Member | \$205 |
| Faculty Nonmember | \$255 |

NEUROBIOLOGY OF DISEASE WORKSHOP FEE

(includes breakfast, lunch, and reception) \$35

Society for Neuroscience Short Course #2

Rhythms of the Neocortex: Where Do They Come From and What Are They Good For?

Friday, Oct. 16, 8 a.m.–6 p.m.

McCormick Place: Room S406A

Organizer: Nancy Kopell, PhD

Over the last 20 years, the study of neural rhythms has undergone a major renaissance; we now have far more information about how rhythms are produced, how they are associated with function, and how pathologies in rhythms relate to neurological diseases. But the central question of what roles these rhythms play in sensory processing, cognitive activity, and motor planning remains to be answered definitively. This short course will summarize the state of the art in the study of neocortical rhythms, touching on insights from *in vitro* and modeling work, and connecting the *in vivo* rhythms to the functional circumstances in which they are recorded. The work presented comes from a variety of *in vitro* and *in vivo* technology, and one talk will address new techniques for investigating and engineering rhythms. In addition, there will be several breakout group discussions with the speakers, as well as an extra breakout session used for a tutorial on a variety of analysis methods for rhythmic data. This day-long course consists of a series of lectures followed by informal breakout sessions and includes a syllabus book.

Morning Speakers:

Wolf Singer, MD, PhD, *Max-Planck-Institute for Brain Research*; Miles A. Whittington, PhD, *University of Newcastle-upon-Tyne*; Charles E. Schroeder, PhD, *Columbia University College of Physicians & Surgeons*; Catherine Tallon-Baudry, PhD, *Centre National de la Recherche Scientifique*; Nicholas G. Hatsopoulos, PhD, *University Chicago*; Roger D.

Traub, MD, *IBM T.J. Watson Research Center*; Nancy Kopell, PhD, *Boston University*; Edward S. Boyden, PhD, *Massachusetts Institute of Technology*

Afternoon Breakout Session Leader:

Mark Kramer, PhD, *Boston University*

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Society for Neuroscience Short Course #3

The Change We Need: New Frontiers in Live-Cell Imaging

Friday, Oct. 16, 8:30 a.m.–6:30 p.m.

McCormick Place: Room N227

Organizers: Scott M. Thompson, PhD; Thomas A. Blanpied, PhD

This course examines advanced microscopy approaches that push the limits of what is currently possible in imaging of living cells and tissues, demonstrating recently available and near-future techniques. This will NOT be a simplistic workshop about putting in place a system that is commercially available today, nor will the workshop focus on methods that are expected to remain out of reach of biologists for a considerable period. This session will get you informed and excited about what is right around the corner! For each of the experimental approaches, speakers will describe the theoretical and physical basis for the technique, the technology required, and the major technical and biological considerations for when and how to apply it. This day-long course consists of a series of lectures followed by informal breakout sessions and includes a syllabus book.

Speakers:

Daniel Choquet, PhD, *Université Bordeaux*; Katrin I. Willig, PhD, *Max-Planck-Institute for Biophysical Chemistry*; Hari Shroff, PhD, *National Institute of Biomedical*

Imaging and Bioengineering, NIH; Marcel P. Bruchez, PhD, Carnegie Mellon University; Ryohei Yasuda, PhD, Duke University; Karen Zito, PhD, University of California, Davis; Timothy E. Holy, PhD, Washington University School of Medicine

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Neurobiology of Disease Workshop 📍 \$ 📖

The Neurobiology of Depression

Friday, Oct. 16, 8 a.m.–5 p.m.

McCormick Place: Room S100B

Organizers: Helen Mayberg, MD; Thomas Insel, MD

Support contributed by National Institute of Neurological Disorders and Stroke and Lundbeck Research USA

Depression is the leading source of medical disability for people under age 45 in the developed world. In the United States, 6.6 percent of the population, more than 13 million people, are affected by a major depressive disorder each year. For those affected, depression means hopelessness, helplessness, a deep sense of despair, and a range of somatic symptoms. We do not fully understand how depression leads to hopelessness or to an array of medical illnesses, but recent research has established that depression can be addressed as a brain disorder with identified molecular, cellular, and system level substrates.

This workshop will focus on the neurobiology of depression, beginning with a description of depression from a patient's perspective. Lectures will summarize recent research on the interaction of genes and environment, the molecular (including epigenomic) basis, and neuroimaging and deep brain stimulation results that are mapping the circuitry of depression. The biology of suicide and new approaches to treatment also will be covered. In interactive breakout sessions, a range of topics, from stress and neuroendocrinology to transgenic models, will be discussed. Participants will leave with a broad exposure to the current state of our knowledge of the pathophysiology of this profound public health challenge.

A reception at the close of the day gives students and faculty the opportunity to interact and explore remaining questions informally. Target audience: graduate, postdoctoral students, and assistant professors. Registration is limited and only available online.

Morning Speakers:

Paul Holtzheimer, MD, *Emory University*; Andrew Solomon; Ken Kendler, MD, *Virginia Commonwealth University*;

Helen Mayberg, MD, *Emory University*; Eric Nestler, MD, PhD, *Mount Sinai School of Medicine*; John Mann, MD, *New York State Psychiatric Institute*; Husseini Manji, MD, *Johnson & Johnson Pharmaceutical Research & Development*

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Professional Skills Workshop Day 1 📍 \$ 📖

Friday, Oct. 16, 8:30 a.m.–7 p.m.

Northwestern University School of Management: Room 147

340 E Superior St
Chicago, IL 60611

Organizers: Beth Fischer, PhD; Michael J. Zigmond, PhD; Julio J. Ramirez, PhD
Supported by National Institute of Neurological Disorders and Strokes (NINDS)

These workshops provide participants with instruction in a range of professional skills that are necessary for a successful career. Days 1 and 2 are designed to be independent of each other, so participants may choose to attend either or both days. Different sessions address the specific needs of faculty, postdoctoral students, graduate students, undergraduates, and staff.

DAY 1 focuses on career development. Concurrent sessions allow individuals to “design their own workshop.” One of the major themes is finding employment. Related sessions include using social media (Web 2.0) for job hunting, interview skills, picking the right postdoctoral position, and a panel discussion on career options (colleges, industry, law, and research administration). This will be followed by a networking reception with the panelists. Other sessions include conflict management; manipulating images (methods and limits); and ethical issues in neuroscience.

See Saturday listing for Day 2 details.

COST: Day 1, \$35 in advance, \$40 at the door (includes lunch and the networking reception). Day 2, no cost for sessions, however, advance registration is appreciated. The complete workshop schedule and registration forms are available online.

CONTACT:

Phone: (412) 578-3716
E-mail: www.survival.pitt.edu

Saturday, Oct. 17

Meet-the-Expert Series 📍

Saturday, Oct. 17, 8–9:15 a.m. (Session 1)

Saturday, Oct. 17, 9:30–10:45 a.m. (Session 2)

Experts will describe their research techniques and accomplishments in a personal context, offering participants a behind-the-scenes look at factors influencing the expert's work. Each session offers an opportunity for students and postdoctoral researchers to engage the expert in an informal dialogue over breakfast. No registration is required, but seating is limited.

Session 1: 8–9:15 a.m.

Dan Margoliash, PhD, *University of Chicago*
Development of Birdsong and Career: Two Topics, One Tail

Hyatt Regency Chicago: Skyway 260

Birdsong was once a seemingly esoteric topic but has become a mainstream vertebrate system for examining a host of questions in cellular, systems, behavioral, cognitive, and evolutionary neurobiology. One principle focus is the form and action of the sensory memory and how it interacts with sensorimotor feedback to guide vocal learning, a topic with direct relevance to human speech and language. This presentation will inform attendees on recent observations of the role of sleep in developmental song learning and in adult song maintenance. The broad context of work on the song system, and the challenge it presents to workers in the field, is also grist for a discussion of career issues.

Michela Marinelli, PhD, *Rosalind Franklin University of Medicine & Science, Chicago Medical School*

Animal Models of Addiction: What Do They Mean and How Good Are They?

Hyatt Regency Chicago: Skyway 269

Scientists have used several different approaches to understand the neurobiological bases of addiction. This session reviews these approaches and discusses their strengths and limitations, emphasizing the importance of experimental design and identifying the important variables in drug exposure paradigms that are critical for correct data interpretation. This presentation will focus on intravenous self-administration studies in rodent models, including both theoretical aspects and solutions to technical challenges. It will highlight how developing expertise on relevant behavioral models can open career opportunities in the neurobiology of addiction.

Elly Nedivi, PhD, *Massachusetts Institute of Technology*

In Vivo Monitoring of Experience-Dependent Interneuron Remodeling in the Cerebral Cortex of Adult Mice

Hyatt Regency Chicago: Skyway 261

Direct evidence of anatomical correlates to functional plasticity in the adult brain has been elusive. Using chronic *in vivo* multi-photon microscopy on thy1-GFP-S mice implanted with cranial windows, we have recently shown that specific subsets of GABAergic interneurons in the adult visual cortex are capable of dendritic arbor remodeling. These structural rearrangements can be driven by changes in visual experience. This session will present advantages and problems of chronic *in vivo* monitoring of neuronal arbors in their entirety, and the challenge of combining this technology with visual manipulations, molecular intervention, and classic histology.

Clay Reid, MD, PhD, *Harvard Medical School*
Toward Functional and Structural Imaging of Cortical Circuits

Hyatt Regency Chicago: Skyway 272

In recent years, many labs have begun to use two-photon calcium imaging to study cortical circuits *in vivo*. It is now possible to monitor the functional properties of thousands of neurons in a single preparation. We have found in rodent visual cortex that neurons selective for different orientation are mixed together in a salt-and-pepper fashion. This is in stark contrast to animals that have precise functional architecture, such as primates, and calls for a fine-scale analysis of the relationship between anatomy and physiology. Recent work directed at analyzing this relationship, in particular with new methods for serial electron microscopic reconstruction of neural circuits, will be presented.

Session 2: 9:30–10:45 a.m.

Tracy L. Bale, PhD, *University of Pennsylvania*
Oh, Behave! Genes, the Epigenome, and Other Tales of Regulation

Hyatt Regency Chicago: Skyway 260

Decades ago, separate camps of neuroscientists existed for such divergent fields as behavior and genetics. While these camps collaborated in efforts to pinpoint important genes involved in regulation of behaviors, a general lack of understanding and appreciation for the complexities inherent within each camp made defining mechanisms difficult. But today boundaries have all but disappeared, allowing us to more freely roam between camps, sharing ideas and strategies that have surged us forward into the era of the epigenome,

the ultimate intersection of genes x environment. What are the advantages and disadvantages of the lab that does everything? And where are we headed next?

John Gabrieli, PhD, *Massachusetts Institute of Technology*

Human Cognitive Neuroscience — New Frontiers

Hyatt Regency Chicago: Skyway 269

Support contributed by Yerkes National Primate Research Center, Emory University
Remarkable advances in neuroimaging have allowed us to systematically study the neural bases of human thoughts, feelings, and desires. In the early phase of the cognitive neuroscience revolution, we gained initial glimpses into the neural machinery of the mind. This workshop provides participants with insight into the opportunities in our current and more mature phase of research, where we have more powerful tools, but where research questions are more challenging.

Z. Josh Huang, PhD, *Cold Spring Harbor Laboratory*
Genetic Dissection of the GABA Inhibitory Circuits

Hyatt Regency Chicago: Skyway 261

GABAergic inhibitory neurons are crucial in the organization and function of neural circuits. The heterogeneity of GABAergic cell types has been a roadblock toward understanding the GABAergic system. Huang will discuss progress in using genetic approaches to dissect the complexity of the GABA neurons, using state-of-the-art mouse genetic engineering and viral gene delivery to systematically visualize and manipulate defined classes of interneurons. Dysfunctions of GABAergic neurons have been implicated in a variety of neurodevelopmental disorders.

James Trimmer, PhD, *University of California – Davis*

Proteomic Studies of Mammalian Brain: Merging Monoclonal Antibodies and Mass Spectrometry

Hyatt Regency Chicago: Skyway 272

Support contributed by Thermo Scientific, part of Thermo Fisher Scientific
Direct proteomic analyses of native protein complexes and regulatory post-translational modifications provide crucial links between genome level studies and brain function. An iterative combination of monoclonal antibody-based immunopurification and tandem mass spectrometry represents an effective approach to proteomic analyses of low abundance brain signaling proteins. Trimmer will expand on generating and validating monoclonal antibodies, tandem mass spectrometry-based techniques for identification of *in vivo* interacting proteins and post-

translational modifications, and how a combined iterative application of these techniques represents a powerful approach to molecular analyses of mammalian brain.

CONTACT:

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Why Academia? 📚

Saturday, Oct. 17, 8–10:45 a.m.

McCormick Place: Room S106

Organizer: Margarita Dubocovich, PhD

This workshop addresses all aspects of careers and professional development in academia. Leading neuroscientists provide overviews of their successful entries into and journeys toward top positions in academia. Speakers describe their own experiences and the key factors that led them to successful careers in research and education.

Speakers:

Margarita Dubocovich, PhD; Susan G. Amara, PhD; Joe L. Martinez, Jr., PhD; Rhonda Dzakpasu, PhD; James G. Townsel, PhD; Erich D. Jarvis, PhD

CONTACT:

Claire MacDonald

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Professional Skills Workshop Day 2 📚💰📖

Saturday, Oct. 17, 8 a.m.–1 p.m.

Hyatt Regency Chicago: Grand Ballroom F

Organizers: Beth Fischer, PhD; Michael J. Zigmond, PhD; Julio J. Ramirez, PhD

Supported by NINDS

These workshops provide participants with instruction in a range of professional skills that are necessary for a successful career. Days 1 and 2 are designed to be independent of each other, so participants may choose to attend either or both days. Different sessions address the specific needs of faculty, postdoctoral students, graduate students, undergraduates, and staff.

See Friday listing for Day 1 and course fee.

DAY 2 is devoted to a discussion of grant-related issues and will be presented by NINDS staff. Topics will include funding opportunities as well as changes in grant application and peer review procedures.

For more information on Day 2 activities see the description for Funding Opportunities and the Grant Review Process at NIH below.

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Phone: (412) 578-3716

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KEY

Preregistration Required Course Fee Professional Development Networking Public Outreach

Funding Opportunities and the Grant Review Process at NIH

Saturday, Oct. 17, 8:30 a.m.–1p.m.

Hyatt Regency Chicago: Grand DF

Organizer/Moderator: National Institutes of Health Staff

Changes in the NIH peer review process will result in major changes in the way grants are written, evaluated, and scored. This session focuses on funding opportunities for predoctoral and postdoctoral students and new investigators, and provides an in-depth explanation of the changes in the peer review process that have occurred in the last two years and those that will occur over the next year. Substantial question and answer time will be available.

CONTACT:

Phone: (301) 496-4188

E-mail: NINDSTrainingOffice@ninds.nih.gov

Surviving as Junior Faculty

Saturday, Oct. 17, 2–5 p.m.

McCormick Place: Room S106

Organizer: Diana L. Pettit, PhD

This workshop provides participants with insight into strategies and tools useful for surviving the bumpy road to success as junior faculty. The workshop consists of short lectures from a diverse faculty panel who will describe the unique hurdles they have encountered. Some discussion will focus on tenure requirements for a research-intensive position vs. a teaching-intensive position. A lively panel discussion will follow the faculty presentations where audience members can share their experiences as well as ask questions of the panel. This will be an opportunity to discuss practical issues for junior faculty in a supportive and fun environment.

Speakers:

Diana Pettit, PhD; Lori L. McMahon, PhD; Cheryl A. Chancellor-Freeland, PhD; Erich D. Jarvis, PhD

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Claire MacDonald

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Meeting the President's Challenge: Promote Science Education

Annual Brain Awareness Campaign Event

Saturday, Oct. 17, 3–4:30 p.m.

McCormick Place: Room S504

Organizers: SfN in collaboration with the Dana Alliance for Brain Initiatives

SfN President Tom Carew has challenged the Society's members to promote science education. He specifically charged each member to recruit two scientists to contribute to Brain Awareness Campaigns

around the world in 2010. Bring friends to this year's event and learn about innovative tools to inspire new public education and outreach efforts. A networking reception and poster session showcasing sample Brain Awareness activities are included in the event. Contact Corinne Dreskin by Thursday, Oct. 1 to submit a poster.

CONTACT:

Corinne Dreskin

E-mail: corinne@sfn.org

International Fellows Poster Session

Saturday, Oct. 17, 6:30–8:30 p.m.

McCormick Place: Room N229

Come see the posters presented by recipients of International travel awards and fellowships.

CONTACT:

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Diversity Fellows Poster Session

Saturday, Oct. 17, 6:30–8:30 p.m.

McCormick Place: Room N200

Visit the posters prepared by the SfN Neuroscience Scholars Program, Meharry-Vanderbilt Alliance for Research Training in Neuroscience, APA Diversity Program in Neuroscience, Specialized Neuroscience Research Programs, and the Texas Consortium in Behavioral Neuroscience participants.

CONTACT:

Andrew Wallace

E-mail: awallace@sfn.org

Neuroscience Departments and Programs Reception

Saturday, Oct. 17, 6:30–8 p.m.

McCormick Place: Room S505B

Come join the newly formed SfN Committee on Neuroscience Departments and Programs for its annual reception and presentation of the Award for Education in Neuroscience.

CONTACT:

Andrew Wallace

E-mail: awallace@sfn.org

Sunday, Oct. 18

Time Management Workshop: Combining Family and Neuroscience

Sunday, Oct. 18, 9 a.m.–noon

McCormick Place: Room S106

Organizers: Mary Lou Voytko, PhD; Suzanne Haber, PhD

Many scientists, both male and female, face the challenge of combining family and career responsibilities. This workshop provides a forum for exchange of ideas on managing family and a career. A group of

neuroscientists at various stages of their careers and with different experiences share their successes and challenges in navigating the line between scientists and parent/spouse/caregiver. A brief presentation by a panel of speakers will be followed by Q&A.

Speakers:

Tracy L. Bale, PhD; Toni S. Shippenberg, PhD; Jennifer L. Bizon, PhD; Jane Rebecca Taylor, PhD; Corinne E. Augelli-Szafran, PhD; Charles Wood, PhD

CONTACT:

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Chapters Workshop

Using Social Networking and Technology to Enhance Chapter Communication and Outreach

Sunday, Oct. 18, 11:45 a.m.–1:30 p.m.

McCormick Place: Room S402A

Organizer: Elisabeth J. Van Bockstaele, PhD

This workshop shares how to form and maintain an SfN chapter and how to develop successful educational outreach activities. Improving chapter communication using social networking and developing effective fundraising strategies will be given special emphasis. Web site design and presentation of Web site templates will be included in the discussion with an emphasis on “how-to” presentations. Lunch will be provided. Registration is required to attend this event. To register, contact chapters@sfn.org.

CONTACT:

Danielle Hanafin

E-mail: dhanafin@sfn.org

Social Issues Roundtable

Engaging the Public on Ethical, Legal, and Social Implications of Neuroscience Research

Sunday, Oct. 18, 1–3 p.m.

McCormick Place: Room S403

Organizer: Alan Leshner, PhD

New insights into the nature of the brain and mind can have great implications for such concepts as the self, soul, free will, and what it means to be human. Some of those implications are already causing discomfort in segments of the public, including some religious groups. This session discusses both the nature of those issues and ways the scientific community can best engage the public and find common ground, potentially minimizing tensions between the field and society and maximizing opportunities for progress.

Speakers:

Alan Leshner, PhD, *American Association for the Advancement of Science (session chair)*; Patricia Churchland, *University*

of California, San Diego; Hank Greely, JD, *Stanford Law School*; Jonathan Moreno, PhD, *University of Pennsylvania*; Barbara Sahakian, PhD, *Cambridge*

CONTACT:

Laura Martin
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How to Manage a Research Laboratory 📖

Sunday, Oct. 18, 2–5 p.m.

McCormick Place: Room S106

Organizer: Catherine E. Krull, PhD
Scientists at every career level can benefit from this workshop on successful management of a research lab. A panel of speakers will discuss how to plan your physical lab space, develop effective communication methods, deal with personnel issues, and make research the foundation of your laboratory. The format of this workshop will be brief presentations by a panel of speakers followed by a Q&A session and breakout groups.

Speakers:

Catherine Krull, PhD; Gary Schoenwolf, PhD; Suzanne Paradis, PhD; Lynne A Oland, PhD; Brian A. Pierchala, PhD

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Mentoring: A Networking Event 🗨️

Sunday, Oct. 18, 6:30–8 p.m.

McCormick Place: Room S504

Mentors and mentees meet in an informal setting to discuss issues and network. Experienced professionals are matched with students and early-career professionals in neuroscience. Participants from diverse backgrounds, fields, and work sectors are encouraged to attend. The event is open to all, but prior registration is required in order to match mentor and mentee interests. To participate, visit www.sfn.org/mentorsignup or www.sfn.org/menteesignup.

CONTACT:

Anne Busse
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Monday, Oct. 19

Animals in Research Workshop 🗨️

Widening the Tent: Building Support, Creating New Allies for Animal Research

Monday, Oct. 19, 9–11 a.m.

McCormick Place: Room S402A

Organizer: Jeffrey Kordower, PhD
Support contributed by Sigma Advanced Genetic Engineering (SAGE) Labs
Given the growing threats to animal research, the research community must

explore ways to develop new allies to promote responsible animal research. This workshop examines how to “widen the tent” by involving patient groups, health care providers, industry and others who have a vested interest in protecting responsible animal research. Participants will focus on broadening the base of support by engaging leaders worldwide on the health and scientific breakthroughs made possible through animal research. Breakfast will be served.

Speakers:

Jasper Daube, MD, *Professor of Neurology, Mayo Clinic*; Robin Elliott, *Executive Director, Parkinson’s Disease Foundation*; Tom Holder, *Founder, Speaking for Research*; Helmut Kettenmann, PhD, *President, Federation of European Neuroscience Societies*

CONTACT:

Laura Martin
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Teaching Neuroscience with Case Studies 📖

Monday, Oct. 19, 9 a.m.–noon

McCormick Place: Room S106

Organizer: Richard F. Olivo, PhD
Case studies can enliven a lecture course or be the entire basis for a discussion-based course. This workshop offers information on how to teach a case, tips on what works well, and input from three faculty members who use cases to teach at different levels: Jeanette Norden (Vanderbilt), basic medical neuroscience; Bill Meil (IUP), undergraduate courses; Kurt Illig (University of St. Thomas), graduate courses. The workshop will end with one-minute contributions from the audience and breakout groups.

Speakers:

Richard Olivo, PhD; Jeanette Norden, PhD; Bill Meil, PhD; Kurt R. Illig, PhD

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Neuroscience in Europe: German and EU Research Funding Opportunities 📖

Monday, Oct. 19, 2–5 p.m.

McCormick Place: Room S106

Organizer: Katja Simons, PhD
This workshop will inform attendees about the long-term and secured investment Germany and the EU are making research and science, specifically in neuroscience. Participants will learn about funding activities, collaborative grants, grants for principal investigators, individual postdoctoral fellowships, and positions throughout top universities and research institutions. First-hand information about the applica-

tion process and the experience of working in Europe will be provided by successful grant holders. The workshop provides an opportunity for informal exchange between members of the neuroscience community, leading German/European scientists in the field, representatives of German research funding organizations, and the European Commission.

Speakers:

Katja Simons, PhD; Bernhard A. Sabel, PhD; Laurent Bocheureau, PhD; Ranier Girgenrath, PhD; Uwe Heinemann, PhD, MD; Herta Flor, PhD

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Writing for an Audience of Millions: Wikipedia and Neuroscience 📖 🗨️

Monday, Oct. 19, 2–5 p.m.

McCormick Place: Room N231

Organizers: William Wedemeyer, PhD; William Skaggs, PhD; Tim Vickers, PhD
Wikipedia — an online encyclopedia written entirely by volunteers — is a powerful tool for educating the public, prospective students, and even other scientists. Wikipedia is usually the top result of Google searches for neuroscience terms, and millions of readers each year turn to Wikipedia articles, such as “Brain” and “Action potential” for information about neuroscience. However, its unwritten rules and ad hoc editorial review may create a barrier to entry for academic authors used to working in a more controlled environment. Learning to meet these challenges allows scientists to harness Wikipedia’s power for outreach and education. In this seminar, experienced scientists clarify how Wikipedia works, why it is so important, and the mechanisms it has developed to create and maintain high-quality articles. They will show participants “tricks of the trade” that will help you write well-organized and beautifully illustrated Wikipedia articles accessible to the general reader. Presenters also will introduce the communities of biologists and medical professionals who collaborate on Wikipedia.

Speakers:

William Wedemeyer, PhD; William E. Skaggs, PhD; Tim Vickers, PhD

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KEY

Preregistration Required Course Fee Professional Development Networking Public Outreach

Tuesday, Oct. 20

Careers for Neuroscientists

Tuesday, Oct. 20, 9 a.m.–noon
McCormick Place: Room S106

Organizers: David R. Riddle, PhD;
Laurel Haak, PhD

This workshop will discuss the challenges and opportunities for careers within and outside academia. Capitalizing on the different perspectives and expertise of distinguished neuroscientists, presenters will discuss the advantages and disadvantages of working in a variety of sectors and the training and skills required for such positions. The workshop also will address transitioning between jobs and job sectors, and will allow the attendees to network with colleagues and speakers.

Speakers:

David Riddle, PhD; Laurel Haak, PhD; Anna Taylor, PhD; Michael Kennedy, PhD; Garth Fowler, PhD

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“A Celebration of Women in Neuroscience” Luncheon

Tuesday, Oct. 20, noon–2 p.m.

Hyatt Regency Chicago: Grand Ballroom EF
The luncheon features guest speaker Huda Zoghbi and honors women leaders in neuroscience with a special slide show. Table discussions will explore managing commitments: “How do you decide when to say yes and when to say no?” Space is limited. Registration is required. Visit www.sfn.org/cwinrsvp to register.

CONTACT:

Anne Busse
E-mail: abusse@sfn.org

How to Fund Your NIH Training Proposal

Tuesday, Oct. 20, 2–5 p.m.
McCormick Place: Room S106

Organizer: Murray Grossman, MD, EdD
This workshop introduces senior graduate students, postdoctoral fellows, and junior, non-independent faculty to the training opportunities available at NIH. Representatives from NIA will introduce the range of available K-series awards and discuss the eligibility criteria, advantages, and disadvantages of each, as well as mentoring and educational plans, and institutional support and commitment. Members of the NIA-N grant review committee will discuss features that lead to a successful proposal, including choosing the correct K-award, matching the appli-

cant’s level of prior training with future needs, selecting a mentor, developing an effective training plan, and assembling a scientific plan appropriate to the level of training and career development.

Speakers:

Murray Grossman, MD, EdD; Neil Buckholtz, PhD; William Cruce, PhD; Chyren Hunter, PhD; Nina Silverberg, PhD; Reisa Sperling, MD; Ramesh Vemuri, PhD; Charles DeCarli, MD

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Public Advocacy Forum

Science and the Economy: Making the Case for Investing in Research
Tuesday, Oct. 20, 3–5 p.m.

McCormick Place: Room S401

Organizer: John Morrison, PhD

Facing global economic challenges, policymakers are focused on initiatives that can strengthen short- and long-term economic growth. Science and research advocates must make the case that strong, predictable, and sustainable funding for biomedical research benefits national and local economies, while simultaneously improving health. This panel discussion brings together the research, economic, and business communities to explore the benefits of investing in basic research, providing attendees with the knowledge and tools to continue to advocate for strong science funding.

Speakers:

Mary Woolley, *Research!America* (moderator); Kevin Murphy, PhD, *The University of Chicago*; Menelas Pangalos, PhD, *Discovery Research, Wyeth*; Phyllis Wise, PhD, *University of Washington*

CONTACT:

Mark Cason
E-mail: mcason@sfn.org

SfN Members’ Business Meeting

Tuesday, Oct. 20, 6:45–7:30 p.m.

McCormick Place: Room S501D

Participate in a key forum to share your thoughts and suggestions with the Society’s leadership while learning about your professional society’s latest accomplishments.

- Meet and engage with SfN leadership
- Share suggestions and raise concerns
- Learn how to get involved in SfN committees
- Enjoy camaraderie with other SfN members as you enjoy light refreshments

CONTACT:

Julie Orlando-Castro
E-mail: jcastro@sfn.org

Graduate Student and Postdoctoral Fellow Reception

Tuesday, Oct. 20, 9 p.m.–midnight
Hyatt Regency Chicago: Grand Ballroom CDEF
A reception will be held for graduate students and postdoctoral fellows. No invitation required.

Other Professional Development Activities

(Not sponsored by SfN)

Careers Away From the Bench

Tuesday, Oct. 20, 6:30–8 p.m.
Hilton Chicago: Williford C

Could you be missing out on an exciting and rewarding career outside of academic or industry research? Increasingly, PhD-level scientists are becoming aware of other career opportunities beyond bench research. Come to this workshop to consider what your career path in these so-called “non-traditional” areas might look like. Discussions will focus on the types of alternative careers available, how to parlay your current skills and values into a new area, ways to research career options, and how to develop the skills you might need.

CONTACT:

Brianna Blaser, PhD
The American Association for the Advancement of Science
Web site: <http://sciencecareers.org/outreach>

NSF Funding Opportunities for Research and Education in Neuroscience

Sunday, Oct. 18, 4–5:30 p.m.
McCormick Place: Room N226

Come hear the latest word from NSF program officers on funding opportunities for neuroscientists, including all areas of basic neuroscience research and networking, education and training, career development opportunities, and large-scale multidisciplinary centers. Talk with neuroscientists who have been successful in receiving NSF funding. General information about the agency, the review process, and tips for writing successful proposals also will be presented. NSF will maintain an exhibit booth featuring relevant publications and program officers available for extended conversations.

CONTACT:

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