

Program at a Glance

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Friday, Oct. 16

7:30 a.m.–5:30 p.m.

SfN Short Course #1 (p.18)

Epigenetic Control and Neuronal Function

Organizer: Paolo Sassone-Corsi, PhD

8 a.m.–5 p.m.

Neurobiology of Disease Workshop (p.19)

The Neurobiology of Depression

Organizers: Helen Mayberg, MD; Thomas Insel, MD

8 a.m.–6 p.m.

SfN Short Course #2 (p.18)

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

Organizer: Nancy Kopell, PhD

8:30 a.m.–6:30 p.m.

SfN Short Course #3 (p.18)

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

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

8:30 a.m.–7 p.m.

Professional Skills Workshop (Day 1) (p.19)

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

Saturday, Oct. 17

Session 1: 8–9:15 a.m.

Session 2: 9:30–10:45 a.m.

Meet-the-Expert Series (p.19)

8–10:45 a.m., Why Academia? (p.20)

Organizer: Margarita Dubocovich, PhD

8 a.m.–1 p.m.

Professional Skills Workshop (Day 2) (p.20)

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

8:30 a.m.–1 p.m.

Funding Opportunities and the Grant Review Process at NIH (p.21)

Organizer: National Institutes of Health Staff

11 a.m.–1 p.m., Dialogues Between

Neuroscience and Society (p.8)

Magic, the Brain, and the Mind

Speakers: Apollo Robbins, Eric Mead

1–5 p.m., Posters/Nanosymposia

1:30–4 p.m., Symposia/Minisymposia CME

Saturday, Oct. 17 (continued)

1:30–4 p.m., Public Symposium (p.12)

In Celebration of Darwin: Evolution of Brain and Behavior

2–3:10 p.m., Special Lecture CME (p.10)

Probing Neural Circuits with Genetic Mosaics in Flies and Mice

Speaker: Liqun Luo, PhD

2–5 p.m.

Surviving as Junior Faculty (p.21)

Organizer: Diana L. Pettit, PhD

3–4:30 p.m.

Meeting the President's Challenge: Promote Science Education (p.21)

Annual Brain Awareness Campaign Event

5:15–6:25 p.m.

Presidential Special Lecture (p.8)

Origins of Abstract Knowledge: Number and Geometry CME

Speaker: Elizabeth Spelke, PhD

6:30–8 p.m.

International Fellows Poster Session (p.21)

6:30–8 p.m., Diversity Fellows Poster (p.21)

6:30–8 p.m., Neuroscience Departments and Programs Reception (p.21)

Sunday, Oct. 18

8 a.m.–noon, Posters/Nanosymposia

8:30–9:40 a.m., Special Lecture CME (p.10)

Receptors, Synapses, and Memories

Speaker: Richard L. Huganir, PhD

8:30–11 a.m., Symposia/Minisymposia CME

9 a.m.–noon

Time Management Workshop: Combining Family and Neuroscience (p.21)

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

9:30 a.m.–5 p.m., Exhibits

10 a.m.–11:10 a.m.

Fred Kavli Distinguished International Scientist Lecture (p.8)

Moving in an Uncertain World: Computational Principles of Human Motor Control CME

Speaker: Daniel M. Wolpert, MD, PhD

Sunday, Oct. 18 (continued)

11:30 a.m.–12:40 p.m.

Special Lecture CME (p.11)

Biological Origins of Sex Differences in Brain Function and Disease

Speaker: Arthur P. Arnold, PhD

11:45 a.m.–1:30 p.m.

Chapters Workshop (p.21)

Using Social Networking and Technology to Enhance Chapter Communication and Outreach

Organizer: Elisabeth J. Van Bockstaele, PhD

1–2:10 p.m., Special Lecture CME (p.10)

From Synapses to Autism — Neurexins, Neuroligins, and More

Speaker: Thomas C. Südhof, MD

1–3 p.m.

Social Issues Roundtable (p.21)

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

Speakers: Alan Leshner, PhD; Patricia Churchland; Hank Greeley, JD; Jonathan Moreno, PhD; Barbara Sahakian, PhD

2–5 p.m., How to Manage a Research Laboratory (p.22)

Organizer: Catherine E. Krull, PhD

1–5 p.m., Posters/Nanosymposia

1:30–4 p.m., Symposia/Minisymposia CME

2:30–3:40 p.m.

Peter and Patricia Gruber Lecture (p.8)

Circadian Rhythms, the Transcriptional Feedback Loop, and Neuroscience

Speakers: Jeffrey C. Hall, PhD; Michael Rosbash, PhD; Michael W. Young, PhD

5:15–6:25 p.m.

Presidential Special Lecture (p.8)

Brain Systems of Learning and Memory CME

Speaker: Richard G.M. Morris, PhD

6:30–8 p.m.

Mentoring: A Networking Event (p.22)

6:45–8:45 p.m., SfN-Sponsored Socials (p.24)

Monday, Oct. 19

8 a.m.–noon, Posters/Nanosymposia

8:30–9:40 a.m.

Special Lecture CME (p.10)

Prophylaxis of Posttraumatic Epilepsy: Waiting for Translation

Speaker: David A. Prince, MD

CME This activity has been approved for *AMA PRA Category 1 Credit™*. Visit www.sfn.org/cme for details.

Monday, Oct. 19 (continued)

8:30–11 a.m., Symposia/Minisymposia **CME**

9–11 a.m.

Animals in Research Workshop (p.22)

Widening the Tent: Building Support, Creating New Allies for Animal Research
Speakers: Jasper Daube, MD; Robin Elliott; Tom Holder; Helmut Kettenmann, PhD

9 a.m.–noon

Teaching Neuroscience with Case Studies (p.22)

Organizer: Richard F. Olivo, PhD

9:30 a.m.–5 p.m., Exhibits

10–11:10 a.m.

David Kopf Lecture on Neuroethics (p.9)

Eyes Wide Open, Brain Wide Shut? (Un)Consciousness in the Vegetative State
Speaker: Steven Laureys, MD, PhD

11:30 a.m.–12:40 p.m.

Special Lecture **CME** (p.11)

Finding Your Way: The Brain's Mechanisms for Mapping External Space
Speaker: May-Britt Moser, PhD

1–2 p.m.

Special Presentation (p.9)

The Future of NIH: Advancing Biomedical Research to Benefit Humankind
Speaker: Francis S. Collins, MD, PhD

1–5 p.m., Posters/Nanosymposia

1:30–4 p.m., Symposia/Minisymposia **CME**

2–5 p.m.

Neuroscience in Europe: German and EU Research Funding Opportunities (p.22)

Organizer: Katja Simons, PhD

2–5 p.m.

Writing for an Audience of Millions: Wikipedia and Neuroscience (p.22)

Organizers: William Skaggs, PhD; William Wedemeyer, PhD; Tim Vickers, PhD

3:15–5 p.m.

Albert and Ellen Grass Lecture (p.9)

Mental Monitoring of Movement **CME**
Speaker: Robert H. Wurtz, PhD

5:15–6:25 p.m.

Presidential Special Lecture (p.9)

Addiction and Self-Control **CME**
Speaker: Nora D. Volkow, MD

6:45–8:45 p.m.

SfN-Sponsored Socials (p.24)

Tuesday, Oct. 20

8 a.m.–noon, Posters/Nanosymposia

8:30–9:40 a.m.

Special Lecture **CME** (p.11)

Optogenetics: Development and Application
Speaker: Karl Deisseroth, MD, PhD

8:30–11 a.m.

Symposia/Minisymposia **CME**

9 a.m.–noon

Careers for Neuroscientists (p.23)

Organizer: David R. Riddley, PhD; Laurel Haak, PhD

9:30 a.m.–5 p.m., Exhibits

10–11:10 a.m.

Special Lecture **CME** (p.10)

How Do Astrocytes Promote CNS Synaptogenesis?
Speaker: Ben A. Barres, MD, PhD

11:30 a.m.–12:40 p.m.

Special Lecture **CME** (p.10)

Neuronal Activity and Circuit Assembly
Speaker: Rachel O.L. Wong, PhD

Noon–2 p.m.

“A Celebration of Women in Neuroscience” Luncheon (p.23)

1–2:10 p.m.

Special Lecture **CME** (p.11)

Understanding Neurogenetic Mechanisms in Neuropsychiatric Conditions: Lessons from Williams Syndrome
Speaker: Karen F. Berman, MD

1–5 p.m., Posters/Nanosymposia

1:30–4 p.m., Symposia/Minisymposia **CME**

2–5 p.m.

How to Fund Your NIH

Training Proposal (p.23)

Organizer: Murray Grossman, MD, EdD

2:30–3:40 p.m.

History of Neuroscience Lecture (p.9)

From Cells to Cajal to Connectome: The Basic Wiring Diagram of the Brain
Speaker: Larry W. Swanson, PhD

3–5 p.m.

Public Advocacy Forum (p.23)

Science and the Economy: Making the Case for Investing in Research
Speakers: Mary Woolley; Kevin Murphy, PhD; Menelas Pangalos, PhD; Phyllis Wise, PhD

Tuesday, Oct. 20 (continued)

5:15–6:25 p.m.

Presidential Special Lecture (p.9)

On the Perpetuation of Long-Term Memory **CME**
Speaker: Eric R. Kandel, MD

6:45–7:30 p.m.

SfN Members' Business Meeting (p.23)

6:45–8:45 p.m.

SfN-Sponsored Socials (p.24)

9 p.m.–midnight

Graduate Student and Postdoctoral Fellow Reception (p.23)

Wednesday, Oct. 21

8 a.m.–noon

Posters/Nanosymposia

8:30–9:40 a.m.

Special Lecture **CME** (p.11)

Genetic, Molecular, and Physiological Mechanisms Involved in Human Obesity
Speaker: Sadaf Farooqi, PhD

8:30–11 a.m.

Symposia/Minisymposia **CME**

9:30 a.m.–5 p.m., Exhibits

10–11:10 a.m.

Special Lecture **CME** (p.11)

Changing Fear
Speaker: Elizabeth A. Phelps, PhD

11:30 a.m.–12:40 p.m.

Special Lecture **CME** (p.11)

Complex Brain Networks: From Structural Connectivity to Functional Dynamics
Speaker: Olaf Sporns, PhD

1–2:10 p.m.

Special Lecture **CME** (p.11)

Transcriptional and Epigenetic Mechanisms of Drug Addiction
Speaker: Eric J. Nestler, MD, PhD

1–5 p.m.

Posters/Nanosymposia

1:30–4 p.m.

Symposia/Minisymposia **CME**