

Program at a Glance

Friday, October 16	
8 a.m.–5 p.m.	Neurobiology of Disease Workshop (p.24) Human Brain Malformations: From Genetics to Therapeutics Organizers: Peter Crino, MD, PhD; Mustafa Sahin, MD, PhD
8 a.m.–6 p.m.	Short Course #1 (p.24) Using iPS Cells and Reprogramming to Model Neural Development and Disease Organizer: Kevin Eggan, PhD
8:30 a.m.–6 p.m.	Short Course #2 (p.24) The Impact of Human Genetics and Genomics in Neurobiology: From Disease Discovery to Fundamental Mechanisms (and Back) Organizer: Nicholas Katsanis, PhD
1–5:30 p.m.	Short Course #3 (p.24) Optimizing Experimental Design for High-Quality Science Organizers: Mara Dierssen, MD, PhD; Magda Giordano, PhD; Chris McBain, PhD; Charles Mobbs, PhD; John Ngai, PhD; Rae Nishi, PhD
Saturday, October 17	
8–9:15 a.m.	Meet-the-Expert Series: Session 1 (p.24)
9–11 a.m.	Careers Beyond the Bench (p.26) Organizers: Elisabeth Van Bockstaele, PhD
9–11 a.m.	Success in Academia: What's Your Strategy to Thrive? (p.26) Organizer: Tracy Bale, PhD
9:30–10:45 a.m.	Meet-the-Expert Series: Session 2 (p.25)
11 a.m.–1 p.m.	Dialogues Between Neuroscience and Society (p.13) Neuroscience and the Law: Strange Bedfellows Speaker: Honorable Jed S. Rakoff, JD
1–2 p.m.	Getting the Most Out of SfN: The Annual Meeting and Beyond (p.27) Organizers: Elisabeth Van Bockstaele, PhD; Amy Jo Stavnezer, PhD; Hermes Yeh, PhD
1–3 p.m.	Graduate School Fair (p.27) Organizers: Committee on Neuroscience Departments and Programs

1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Empirical Approaches to Neuroscience and Society Symposium (p.18) Statistics and Computation for an Increasingly Quantitative Scientific Future Chair: Rita Balice-Gordon, PhD
1:30–4 p.m.	Symposia/Minisymposia CME
1:30–5 p.m.	How Do I Fund My Science? Public and Private Funding Approaches for Supporting Your Neuroscience Research Across Career Stages and Types of Research (p.27) Organizer: Kenneth Maynard, PhD
2–3:10 p.m.	Special Lecture (p.15) Making, Breaking, and Linking Engrams CME Speaker: Sheena A. Josselyn, PhD
2:30–4 p.m.	Brain Awareness Campaign Event (p.27) Sparkling Connections Through Brain Awareness Around the Globe Speaker: Bobby Heagerty
3–5 p.m.	How to Renovate Your Relationship With Your Adviser or Advisee (p.27) Organizers: Mike Levine, PhD; Ian Paul, PhD; Jennifer Raymond, PhD
5:15–6:25 p.m.	Presidential Special Lecture Themes and Variations in Circuits and Behavior (p.12) CME Speaker: Cori Bargmann, PhD
6:30–8:30 p.m.	Diversity Fellows Poster Session (p.27)
6:30–8:30 p.m.	International Fellows Poster Session (p.27)
6:30–8:30 p.m.	Trainee Professional Development Awards Poster Session (p.27)
7:30–9:30 p.m.	Career Development Topics: A Networking Event (p.27)
Sunday, October 18	
8 a.m.–noon	Posters/Nanosymposia
8:30–9:40 a.m.	Special Lecture (p.14) Genetic Dissection of Neocortical Circuits CME Speaker: Z. Josh Huang, PhD
8:30–11 a.m.	Symposia/Minisymposia CME



9–11 a.m.	A Guide to Publishing in Journals (p.27) Organizer: Toby Charkin, PhD
9:30 a.m.–5 p.m.	Exhibits (p.88)
10–11:10 a.m.	Special Lecture (p.14) From Spontaneous Neurotransmitter Release to Rapid Antidepressant Action CME Speaker: Ege T. Kavalali, PhD
11:30 a.m.–12:40 p.m.	Special Lecture (p.14) Clinical Neuroscience Lecture: Neurotrophin Signaling and Epileptogenesis: Mechanistic and Therapeutic Insights CME Speaker: James O. McNamara, MD
11:30 a.m.–1 p.m.	Chapters Workshop (p.28) Expanding Chapter Horizons: Connecting Local and International Communities
11:30 a.m.–1 p.m.	Successful Career Advancement through Networking: Is It Who You Know? (p.28) Organizers: Mark Baxter, PhD; Rebecca Shansky, PhD
11:30 a.m.–1:30 p.m.	Creating Connections and Community in Support of Diverse Neuroscientists (p.28) Organizer: Claire Horner-Devine, PhD
noon–2 p.m.	Graduate School Fair (p.27) Organizers: Committee on Neuroscience Departments and Programs

1–2:10 p.m.	Special Lecture (p.15) Nanoscopy with Focused Light: Principles and Applications CME Speaker: Stefan W. Hell, PhD
1–3 p.m.	Social Issues Roundtable (p.28) The Income Achievement Gap: Insights from Cognitive Neuroscience Organizers: Silvia Bunge, PhD; John Gabrieli, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia CME
2–4 p.m.	Tackling Challenges in Scientific Rigor: The (Sometimes) Messy Reality of Science (p.28) Organizers: Barbara Lom, PhD; John H. Morrison, PhD
2–5 p.m.	Internationalizing Your Research, Training, and Funding Experience (p.28) Organizer: Michael Zigmund, PhD
2:30–3:40 p.m.	Peter and Patricia Gruber Lecture (p.12) Nature and Nurture in Synapse Development, Maturation, and Disease Speakers: Michael E. Greenberg, PhD Signaling Networks That Regulate Synapse Development and Cognitive Function Carla J. Shatz, PhD Saving the Synapse: From Developmental Critical Periods to Alzheimer's Disease
5:15–6:25 p.m.	Presidential Special Lecture (p.12) The Molecular Logic of Neural Circuits: Implications for Autism and Schizophrenia CME Speaker: Thomas C. Südhof, MD

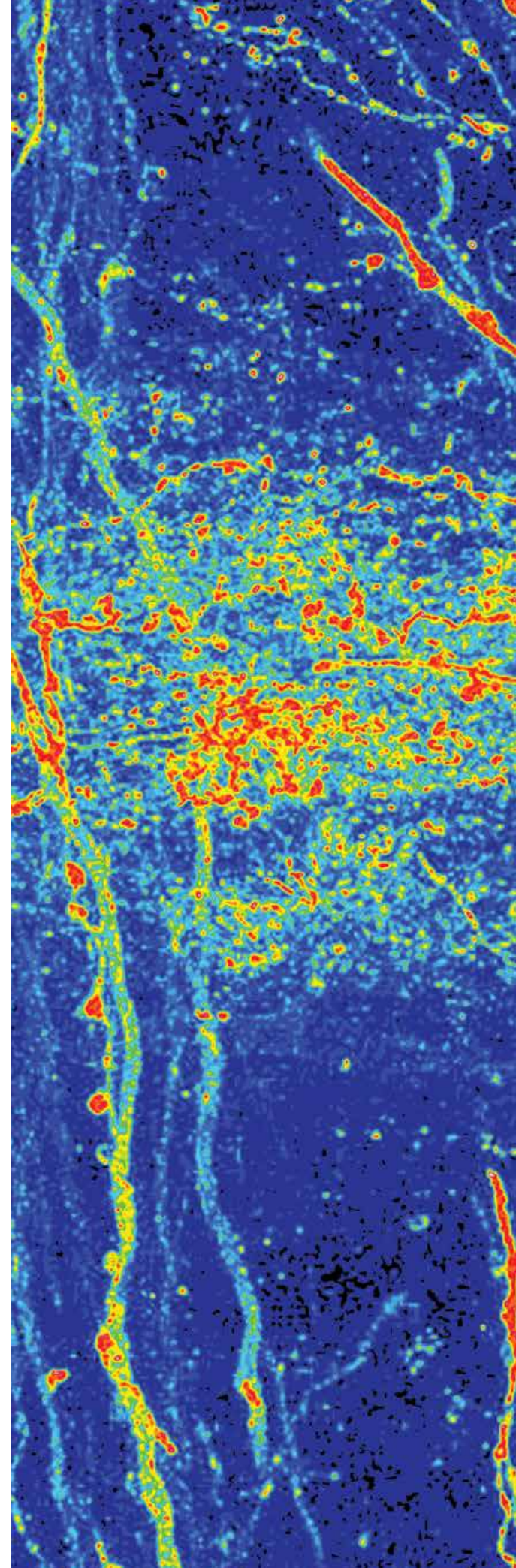
Program at a Glance

6:45–8:45 p.m.	SfN-Sponsored Socials
Monday, October 19	
8 a.m.–noon	Posters/Nanosymposia
8:30–9:40 a.m.	Special Lecture (p.15) GPS Mechanisms of Migrating Monarch Butterflies CME Speaker: Steven M. Reppert, MD
8:30–11 a.m.	Symposia/Minisymposia CME
9–11 a.m.	Exploring New Communications Channels: Science Blogging (p.28) Organizer: Scott Thompson, PhD
9–11 a.m.	Teaching Neuroscience to Nonscientists (p.29) Organizer: Richard Olivo, PhD
9:30 a.m.–5 p.m.	Exhibits (p.88)
10–11:10 a.m.	David Kopf Lecture on Neuroethics (p.12) Giving Voice to Consciousness: Neuroethics, Human Rights, and the Indispensability of Neuroscience Speaker: Joseph J. Fins, MD
11:30 a.m.–12:40 p.m.	Special Lecture (p.14) Development and Reprogramming of Neuronal Diversity in the Central Nervous System CME Speaker: Paola Arlotta, PhD
noon–2 p.m.	Graduate School Fair (p.27) Organizers: Committee on Neuroscience Departments and Programs
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia CME
3:15–4:25 p.m.	Albert and Ellen Grass Lecture (p.12) Receptors, Neurons, and Circuits: The Biology of Mammalian Taste CME Speaker: Charles Zuker, PhD
5:15–6:25 p.m.	Presidential Special Lecture (p.13) Immune Mechanisms of Synapse Loss in Health and Disease CME Speaker: Beth Stevens, PhD

6:45–8:45 p.m.	SfN-Sponsored Socials
Tuesday, October 20	
8 a.m.–noon	Posters/Nanosymposia
8:30–9:40 a.m.	Special Lecture (p.14) Strange Synapses and Circuits of the Basal Ganglia CME Speaker: Bernardo Sabatini, MD, PhD
8:30–11 a.m.	Symposia/Minisymposia CME
9:30 a.m.–5 p.m.	Exhibits (p.88)
10–11:10 a.m.	Special Lecture (p.15) Uncertainty, Choice, and Dopamine CME Speaker: Stan B. Floresco, PhD
11:30 a.m.–12:40 p.m.	Special Lecture (p.15) Cortical Control of Arm Movements: A Dynamical Systems Perspective CME Speaker: Krishna V. Shenoy, PhD
noon–2 p.m.	Animals in Research Panel (p.29) Proactive Strategies to Increase the Positive Public Perception of Animals in Research Organizer: Michael E. Goldberg, MD
noon–2 p.m.	Celebration of Women in Neuroscience Luncheon (p.29)
noon–2 p.m.	Graduate School Fair (p.27) Organizers: Committee on Neuroscience Departments and Programs
1–2:10 p.m.	Special Lecture (p.14) Inhibition and Excitation in the Cerebellar Nuclei CME Speaker: Indira M. Raman, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia CME
2–4 p.m.	Public Advocacy Forum (p.29) Sports-Related Brain Injuries and Their Ethical, Social, and Neuroscience Considerations Organizer: Anne Young, MD, PhD
2:30–3:40 p.m.	Fred Kavli History of Neuroscience Lecture (p.13) 100 Years of Stress and the HPA Axis Speaker: Mary F. Dallman, PhD



4–5 p.m.	Special Presentation (p.13) Embracing An Era of Unprecedented Advances in Neuroscience Speaker: Francis Collins, MD, PhD
5:15–6:25 p.m.	Presidential Special Lecture (p.13) Grid Cells and Cortical Maps for Space CME Speaker: May-Britt Moser, PhD
6:45–7:30 p.m.	SfN Members' Business Meeting (p.29)
6:45–8:45 p.m.	SfN-Sponsored Socials
9 p.m.–midnight	Graduate Student Reception (p.29)
Wednesday, October 21	
8 a.m.–noon	Posters/Nanosymposia
8:30–9:40 a.m.	Special Lecture (p.14) The Genetic Logic of Synapse Formation and Axon Regeneration CME Speaker: Yishi Jin, PhD
8:30–11 a.m.	Symposia/Minisymposia CME
9–11 a.m.	Departments and Programs Workshop Training the Trainers: New Perspectives on Graduate Training in Neuroscience in the 21 st Century (p.29) Organizer: Hermes Yeh, PhD
9:30 a.m.–5 p.m.	Exhibits (p.88)
10–11:10 a.m.	Special Lecture (p.15) Striatal Synaptic Dysfunction in Parkinson's and Huntington's Diseases CME Speaker: D. James Surmeier, PhD
11:30 a.m.–12:40 p.m.	Special Lecture (p.15) A Causal Analysis of the Attentional Network CME Speaker: Robert Desimone, PhD
1–2:10 p.m.	Special Lecture (p.15) Neurocircuitry Controlling Feeding and Drinking Behaviors in Mice CME Speaker: Richard Palmiter, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia CME



CME This activity has been approved for *AMA PRA Category 1 Credit™*.

For details, see page 70 and visit SfN.org/cme.