

Program at a Glance

FRIDAY, NOV. 2	
8 a.m.–5 p.m.	NEUROBIOLOGY OF DISEASE WORKSHOP (P.34) The Role of Innate Immunity in CNS Disorders Throughout the Lifespan Organizers: Gwenn A. Garden, MD, PhD; Stuart A. Lipton, MD, PhD; John F. Neumaier, MD, PhD
8 a.m.–6 p.m.	SHORT COURSE 1 (P.34) Sex Differences in the Brain: Balancing Sex in Preclinical Research Organizers: Jill B. Becker, PhD; Jessica Tollkuhn, PhD
8 a.m.–6 p.m.	SHORT COURSE 2 (P.34) Functional, Structural, and Molecular Imaging, and Big Data Analysis Organizers: Edward S. Boyden, PhD; Kwanghun Chung, PhD
1–5:30 p.m.	SHORT COURSE 3 (P.35) Recognizing and Addressing Power Dynamics in Academia Organizers: Story C. Landis, PhD; Marguerite Matthews, PhD; Cheryl L. Sisk, PhD; Keith A. Trujillo, PhD; Elisabeth J. Van Bockstaele, PhD
SATURDAY, NOV. 3	
8–9:15 a.m.	MEET-THE-EXPERT SERIES: SESSION 1 (P.35)
8 a.m.–5 p.m.	NeuroJobs Career Center (p.38)
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.38) Building a Supportive Global Network Organizer: Emmeline Edwards, PhD
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.38) Improving Your Science: Better Inference, Reproducible Analyses, and the New Publication Landscape Organizer: Robert Calin-Jageman, PhD
9:30–10:45 a.m.	MEET-THE-EXPERT SERIES: SESSION 2 (P.36)
10–11 a.m.	Meeting Mobile App Tutorial (p.38)
11 a.m.–1 p.m.	DIALOGUES BETWEEN NEUROSCIENCE AND SOCIETY (P.14) Music and the Brain Speaker: Pat Metheny
Noon–2 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.38) Careers in Making Medicines: Translating Basic Research Into Therapeutics Organizer: Fiona Randall, PhD
Noon–2 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.38) How SfN Helped My Career: Expanding Your Neural Network at the Annual Meeting Organizer: Robert Burgess, PhD
1–3 p.m.	Graduate School Fair (p.39)
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia (p.22)
2–3:10 p.m.	SPECIAL LECTURE (P.20) Neural Dynamics of the Primate Attention Network Lecturer: Sabine Kastner, MD
2:30–4 p.m.	BRAIN AWARENESS CAMPAIGN EVENT (P.39) Action and Potential in Outreach, Education, and Research
3–5 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.39) How to Thrive as a Woman in Neuroscience Organizer: Melissa Harrington, PhD
5:15–6:30 p.m.	PRESIDENTIAL SPECIAL LECTURE (P.15) The dArc Matter of Synaptic Communication Lecturer: Vivian Budnik, PhD
6:30–8:30 p.m.	Diversity Poster Session (p.39)
6:30–8:30 p.m.	International Fellows Poster Session (p.40)
6:30–8:30 p.m.	Trainee Professional Development Awards Poster Session (p.40)

7:30–9:30 p.m.	Career Development Topics: A Networking Event (p.40)
SUNDAY, NOV. 4	
8 a.m.–noon	Posters/Nanosymposia
8 a.m.–5 p.m.	NeuroJobs Career Center (p.38)
8:30–9:40 a.m.	SPECIAL LECTURE (P.20) Bidirectional Interactions Between the Brain and Implantable Computers Lecturer: Eberhard E. Fetz, PhD
8:30–11 a.m.	BASIC-TRANSLATIONAL-CLINICAL ROUNDTABLES (P.32) What We Know, What We Don't Know: How Can We Better Understand Alzheimer's Disease to Develop Effective Treatments? Organizer: David M. Holtzman, MD
8:30–11 a.m.	Symposia/Minisymposia (p.22)
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.40) Bringing a Student-Run Outreach Program to Your Institution Organizers: Alice Dallstream, Barbara Terzic
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.40) Face-to-Face Networking: Building and Maintaining Professional Relationships Organizer: Rae Nishi, PhD
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.40) Fixing the Leaky Pipeline for Women in Science: Addressing Issues Facing New Moms Organizer: Jamie Krueger
9:30 a.m.–5 p.m.	Exhibits (p.94)
10–11:10 a.m.	SPECIAL LECTURE (P.21) Neural Data Science: Accelerating the Experiment-Analysis-Theory Cycle in Large-Scale Neuroscience Lecturer: Liam Paninski, PhD

11:30 a.m.– 12:40 p.m.	SPECIAL LECTURE (P.19) Sensorimotor Circuits for Social Communication Lecturer: Mala Murthy, PhD
Noon–2 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.40) Career Planning and Explorations for Biomedical PhD Scientists and Physician-Scientists (MD/PhD) Organizer: Nancy Schwartz, PhD
Noon–2 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.41) Cultivating Leadership in Multidisciplinary Research: Bridging Gaps Across Campuses, Countries, and Continents Organizer: Sadye Paez, PhD
Noon–2 p.m.	Graduate School Fair (p.39)
1–2:10 p.m.	CLINICAL NEUROSCIENCE LECTURE (P.18) From Axon Regeneration to Functional Recovery After CNS Injury Lecturer: Zhigang He, PhD
1–3 p.m.	SOCIAL ISSUES ROUNDTABLE (P.41) Solitary Confinement: Psychological and Neurobiological Insights Into Isolation Organizer: Michael J. Zigmond, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia (p.22)
2:30–3:40 p.m.	PETER AND PATRICIA GRUBER LECTURE (P.15) Decision, Reward, and the Basal Ganglia Lecturers: Ann M. Graybiel, PhD; Okihide Hikosaka, MD, PhD; Wolfram Schultz, MD
2:30–5 p.m.	NEUROSCIENCE DEPARTMENTS AND PROGRAMS WORKSHOP (P.41) Breaking Through: Pathways to Independence for Early Career Neuroscientists Organizers: Rosalind A. Segal, MD, PhD; Elisabeth J. Van Bockstaele, PhD
3–5 p.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.41) How a Journal Handles Your Paper Organizer: J. Paul Bolam, PhD

5:15–6:30 p.m.	PRESIDENTIAL SPECIAL LECTURE (P.16) Neurobiology of Social Behavior Circuits Lecturer: Catherine Dulac, PhD
6:45–8:45 p.m.	SfN-Sponsored Socials (p.44)
MONDAY, NOV. 5	
8 a.m.–noon	Posters/Nanosymposia
8 a.m.–5 p.m.	NeuroJobs Career Center (p.38)
8:30–9:40 a.m.	SPECIAL LECTURE (P.21) Organelle Structure and Dynamics: What High-Resolution Imaging Is Uncovering Lecturer: Jennifer Lippincott-Schwartz, PhD
8:30–11 a.m.	BASIC-TRANSLATIONAL-CLINICAL ROUNDTABLES (P.32) Molecular Therapies for Neurological Diseases Organizer: Frank Bennett, PhD
8:30–11 a.m.	Symposia/Minisymposia (p.22)
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.41) FAIR Neuroscience: Sharing and Collaborating for Reproducible Data Organizer: Linda Lanyon, PhD
9–11 a.m.	PROFESSIONAL DEVELOPMENT WORKSHOP (P.42) Teaching Neuroscience: Emotion and Learning Organizer: Richard Olivo, PhD
9:30 a.m.–5 p.m.	Exhibits (p.94)
10–10:30 a.m.	NEUROJOBS CAREER CENTER WORKSHOP (P.41) Best Practices for Filling Your Open Position With the Perfect Candidate
10–11:10 a.m.	DAVID KOPF LECTURE ON NEUROETHICS (P.16) When Is an Adolescent an Adult?: Implications for Justice Policy Lecturer: B.J. Casey, PhD
11:30 a.m.–12:40 p.m.	SPECIAL LECTURE (P.21) New Computational Perspectives on Serotonin Function Lecturer: Zachary F. Mainen, PhD

Noon–2 p.m.	ANIMALS IN RESEARCH PANEL (P.42) Gaining Public Support for Animal Research: A Proposal for Openness Organizer: Mar Sanchez, PhD
Noon–2 p.m.	Graduate School Fair (p.39)
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	BASIC-TRANSLATIONAL-CLINICAL ROUNDTABLE (P.32) Rapid Antidepressant Action: Synaptic Mechanisms and Clinical Aspects Organizer: Ege T. Kavalali, PhD
1:30–4 p.m.	Symposia/Minisymposia (p.22)
3:15–4:25 p.m.	ALBERT AND ELLEN GRASS LECTURE (P.17) Neural Sequences in Memory and Cognition Lecturer: David W. Tank, PhD
5:15–6:30 p.m.	PRESIDENTIAL SPECIAL LECTURE (P.17) From Nanoscale Dynamic Organization to Plasticity of Excitatory Synapses and Learning Lecturer: Daniel Choquet, PhD
6:45–8:45 p.m.	SfN CHAPTERS WORKSHOP AND RECEPTION (P.42)
6:45–8:45 p.m.	SfN-Sponsored Socials (p.44)
TUESDAY, NOV. 6	
8 a.m.–Noon	Posters/Nanosymposia
8 a.m.–5 p.m.	NeuroJobs Career Center (p.38)
8:30–9:40 a.m.	SPECIAL LECTURE (P.19) Understanding Regeneration of Complex Body Parts Lecturer: Elly M. Tanaka, PhD
8:30–11 a.m.	BASIC-TRANSLATIONAL-CLINICAL ROUNDTABLE (P.32) Neuroprosthetic Devices: A Patient's Perspective on Brain Computer Interfaces Organizer: Florian Solzbacher, PhD
8:30–11 a.m.	Symposia/Minisymposia (p.22)
9:30 a.m.–5 p.m.	Exhibits (p.94)

10–11:10 a.m.	SPECIAL LECTURE (P.20) The Genetics, Neurobiology, and Evolution of Natural Behavior Lecturer: Hopi E. Hoekstra, PhD
11:30 a.m.–12:40 p.m.	SPECIAL LECTURE (P.18) Neuronal Diversity Within the Ventral Tegmental Area and Co-Release of Neurotransmitters Lecturer: Marisela Morales, PhD
Noon–2 p.m.	A Celebration of Women in Neuroscience Luncheon (p.42)
Noon–2 p.m.	Graduate School Fair (p.39)
1–2:10 p.m.	SPECIAL LECTURE (P.18) Genetic Specification of Neuronal Identity Lecturer: Oliver Hobert, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia (p.22)
2–3:30 p.m.	PUBLIC ADVOCACY FORUM (P.43) Advocacy in Four Dimensions Organizer: William J. Martin, PhD
2:30–3:40 p.m.	HISTORY OF NEUROSCIENCE LECTURE (P.17) Deciphering Neural Circuits: From the Neuron Doctrine to the Connectome Lecturer: Marina Bentivoglio, MD
5:15–6:30 p.m.	PRESIDENTIAL SPECIAL LECTURE (P.17) From Salvia Divinorum to LSD: Toward a Molecular Understanding of Psychoactive Drug Actions Lecturer: Bryan L. Roth, MD, PhD
6:45–7:30 p.m.	SfN Members' Business Meeting (p.43)
6:45–8:45 p.m.	SfN-Sponsored Socials (p.44)
8:30–11:30 p.m.	Graduate Student Reception (p.43)
WEDNESDAY, NOV. 7	
8 a.m.–Noon	Posters/Nanosymposia
8 a.m.–3 p.m.	NeuroJobs Career Center (p.38)

8:30–9:40 a.m.	SPECIAL LECTURE (P.18) Biochemical Computation in Postsynaptic Compartments: Implications for Synaptic Plasticity, Learning, and Memory Lecturer: Ryohei Yasuda, PhD
8:30–11 a.m.	Symposia/Minisymposia (p.22)
9:30 a.m.–5 p.m.	Exhibits (p.94)
10–11:10 a.m.	SPECIAL LECTURE (P.19) A Genetic Roadmap to Understanding Auditory Perception Mechanisms Lecturer: Christine Petit, MD, PhD
11:30 a.m.–12:40 p.m.	SPECIAL LECTURE (P.20) Reward Processing by the Dorsal Raphe Lecturer: Minmin Luo, PhD
1–2:10 p.m.	SPECIAL LECTURE (P.19) Light Detection in the Eye: The Big Picture Lecturer: King-Wai Yau, PhD
1–5 p.m.	Posters/Nanosymposia
1:30–4 p.m.	Symposia/Minisymposia (p.22)

