

PROGRAM AT A GLANCE

Saturday, November 4

- 8:00 a.m.–5:00 p.m. NEUROBIOLOGY OF DISEASE WORKSHOP—New Orleans Marriott Hotel, Mardi Gras Ballroom D
Sponsored by the National Institute of Neurological Disorders and Stroke
Genes, Free Radicals, Apoptosis, and Mitochondrial Dysfunction in Parkinson's Disease
- 8:00 a.m.–5:00 p.m. SOCIETY FOR NEUROSCIENCE SHORT COURSE #1—Morial Convention Center, Conference Auditorium A
Sponsored by Axon Instruments, Inc., and the National Institute of Mental Health
DNA Microarrays: The New Frontier in Gene Discovery and Gene Expression Analysis
- 8:00 a.m.–5:00 p.m. SOCIETY FOR NEUROSCIENCE SHORT COURSE #2—Morial Convention Center, Conference Auditorium C
The Principles and Practice of Modern Light Microscopy
- 8:30 a.m.–4:30 p.m. PROFESSIONAL SKILLS WORKSHOP—Morial Convention Center, Room 352
- 9:30 a.m.–3:00 p.m. WORKSHOP FOR PRE-COLLEGE SCIENCE TEACHERS—LSU Health Sciences Center
- Noon–6:00 p.m. REGISTRATION—Morial Convention Center, Hall G
- 4:00 p.m.–7:00 p.m. HANDS-ON NEUROSCIENCE ACTIVITIES—New Orleans Marriott Hotel, Mardi Gras Ballroom Balconies I,J,K,L
- 5:00 p.m.–6:00 p.m. OPENING RECEPTION—New Orleans Marriott Hotel, La Galerie 4–6
- 5:00 p.m.–7:00 p.m. SFN/APA MINORITY FELLOWSHIP POSTER SESSION—Morial Convention Center, Room 286–287
- 8:00 p.m.–9:00 p.m. PUBLIC LECTURE—Morial Convention Center, La Nouvelle Ballroom*
Sponsored by Elsevier Science
Neuroscience at the New Millennium
G.D. Fischbach, NINDS, NIH
Introduction by: D. Choi, President, Society for Neuroscience
Preceded by the presentation of the 2000 Presidential Award to the Charles A. Dana Foundation in memory of D. Mahoney.
**Seating in the La Nouvelle Ballroom will be on a first-come, first-seated basis. The Public Lecture (speaker and audiovisual) will be teleconferenced to Conference Auditorium B.*

Sunday, November 5

- 7:30 a.m.–5:00 p.m. REGISTRATION—Morial Convention Center, Hall G
- 8:00 a.m. SYMPOSIA—Morial Convention Center
Inhibitory Neurons of the Cortex: Channels, Coupling, Circuits, and Synchrony
Conference Auditorium B
B.W. Connors, Brown University
Axon Guidance: Links to the Growth Cone Cytoskeleton
Conference Auditorium C
A.L. Kolodkin, Johns Hopkins University School of Medicine
- 8:00 a.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 9:30 a.m.–5:00 p.m. EXHIBITS—Morial Convention Center, Exhibit Hall H–J
- 10:00 a.m.–11:00 a.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Attention! How It's Accomplished by Neurons
R. Desimone, NIMH, NIH
Introduced by: C. Colby, University of Pittsburgh

PROGRAM AT A GLANCE

- 11:15 a.m.–12:15 p.m. WARNER-LAMBERT LECTURE—Morial Convention Center, La Nouvelle Ballroom
How the Frog's Eye Connects to the Frog's Brain
C.E. Holt, Cambridge University
Introduced by: K. Kalil, University of Wisconsin
- 1:00 p.m. SYMPOSIA—Morial Convention Center
Waves and Oscillations in the Developing Brain—Conference Auditorium C
Y. Ben-Ari, INSERM
Functional Genomics in the Nervous System—Conference Auditorium B
G.G. Leblanc, NINDS, NIH
- 1:00 p.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 1:00 p.m.–2:00 p.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Surgical Approaches to the Treatment of Movement Disorders: Rationale and Future
M.R. Delong, Emory University School of Medicine
Introduced by: V. Lee, University of Pennsylvania School of Medicine
- 3:00 p.m.–5:00 p.m. WINING MENTORING 2000: SETTING PRIORITIES—Morial Convention Center, Room 244
Sponsored by the Society for Neuroscience Committee on the Development of Women's Careers in Neuroscience and Women in Neuroscience (WIN)
- 4:15 p.m.–5:15 p.m. PRESIDENTIAL SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Sponsored by Novartis Pharma
Genetically Altered Synaptic Function and Plasticity
P. Seeburg, MPI Medical Research
Introduced by: D. Choi, President, Society for Neuroscience
- 4:30 p.m.–6:30 p.m. BRAIN AWARENESS WEEK CAMPAIGN MEETING—Morial Convention Center, Room 243
RSVP required due to limited space
- 5:00 p.m.–6:30 p.m. GRANT SUPPORT FROM NSF FOR IMPROVING EDUCATION IN THE NEUROSCIENCES—
Morial Convention Center, Room 297
Sponsored by the National Science Foundation
- 5:30 p.m.–6:45 p.m. ANIMALS IN RESEARCH PANEL—Morial Convention Center, Room 395-396
Animal Law and Scientific Research
- 8:00 p.m.–10:00 p.m. PRESIDENTIAL SYMPOSIUM—Morial Convention Center, Conference Auditorium*
Sponsored by Merck & Co., Inc.
Restoring Function After Spinal Cord Injury
Introduced by: D. Choi, President, Society for Neuroscience
Perspective
C. Reeve, Christopher Reeve Paralysis Foundation
Strategies to Regain Locomotor Function Following Spinal Cord Injury
R. Edgerton, University of California, Los Angeles
Regenerative and Compensatory Fiber Growth in the Lesioned Spinal Cord: To Go or to Nogo
M.E. Schwab, University of Zurich and Swiss Federal Institute of Technology, Zurich
Brain Research Institute
Neurogenesis in the Adult Brain and Spinal Cord
F.H. Gage, The Salk Institute
Preceded by the presentation of the 2000 Special Achievement Award to M.E. Goldberg, NEI, NIH.
*Seating in the Conference Auditorium will be on a first-come, first seated basis. The Presidential Symposium (speakers and audiovisuals) will be teleconferenced to the La Nouvelle Ballroom.

REMINDER!

Proposals for 2001 symposia must be submitted by Friday, December 1, 2000, so the Program Committee can review them in January. You may pick up proposal forms during the 30th Annual Meeting in the SFN Annual Meeting Headquarters Office/Programming in Hall G of the Morial Convention Center, request them from the Society's Office in Washington, DC, or access the form on the Society's Web site at www.sfn.org/symp/.

PROGRAM AT A GLANCE

Monday, November 6

- 8:00 a.m.–5:00 p.m. REGISTRATION—Morial Convention Center, Hall G
- 8:00 a.m. SYMPOSIA—Morial Convention Center
Receptor Dimerization: A Novel Signaling Mechanism for G-Protein Coupled Receptors—Conference Auditorium B
L.S. Brady, NIMH, NIH

The Hypocretin/Orexin Ligand-Receptor System: Implications for Sleep and Autonomic Regulation—Conference Auditorium C
T. Kilduff, SRI International
- 8:00 a.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 8:30 a.m.–2:15 p.m. SHORT COURSE FOR HIGH SCHOOL STUDENTS—Morial Convention Center, Room 243
- 9:30 a.m.–5:00 p.m. EXHIBITS—Morial Convention Center, Exhibit Hall H–J
- 10:00 a.m.–11:00 a.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Synaptic Modification by Correlated Activity: Hebb's Postulate Revisited
M.-M. Poo, University of California, San Diego
Introduced by: A. Ghosh, Johns Hopkins University Medical School
- 11:15 a.m.–12:15 p.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
The Many Faces of the NMDA Receptor
G.L. Westbrook, Vollum Institute, Oregon Health Sciences University
Introduced by: R. Malenka, Stanford University School of Medicine
- 1:00 p.m. SYMPOSIA—Morial Convention Center
Estrogen and Cognition: New Thinking, New Modes of Action—Conference Auditorium C
I.I. Lederhendler, NIMH, NIH

Progress in Developmental Neurobiology: A Tribute to the Centenary of Viktor Hamburger—Conference Auditorium B
R.W. Oppenheim, Wake Forest University School of Medicine
- 1:00 p.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 1:00 p.m.–2:00 p.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Molecular Basis of Drug Addiction
E.J. Nestler, Yale University School of Medicine
Introduced by: V. Lee, University of Pennsylvania School of Medicine
- 3:30 p.m.–5:30 p.m. SOCIAL ISSUES ROUNDTABLE—Morial Convention Center, Conference Auditorium A
Neuroscience in Developed and Developing Countries: Partnership or Exploitation? Part I: The Use of Special Populations for Research
- 4:00 p.m.–6:00 p.m. WORKSHOP: HOW TO TAKE NEUROSCIENCE INTO THE SCHOOLS—New Orleans Marriott Hotel, La Galerie 1
- 4:45 p.m.–6:45 p.m. MEETING ON TRAINING OPPORTUNITIES—Morial Convention Center, Room 291
NIH and NSF Funding for Your Research Training
Sponsored by the National Institute of Neurological Disorders and Stroke in collaboration with other National Institutes of Health institutes; Office of Education, National Institutes of Health; and the National Science Foundation
- 5:30 p.m.–6:30 p.m. SOCIETY FOR NEUROSCIENCE ANNUAL BUSINESS MEETING (MEMBERS ONLY)—Morial Convention Center, Room 287
- 8:00 p.m.–10:00 p.m. THE GRASS FOUNDATION LECTURE—Morial Convention Center, La Nouvelle Ballroom
Sponsored by The Grass Foundation
Introduced by: D.L. Price, Johns Hopkins University School of Medicine

PROGRAM AT A GLANCE

Size Control and Timing in Neural Development
M. Raff, University College London

Preceded by the presentations of the (1) Donald B. Lindsley Prize in Behavioral Neuroscience, funded by The Grass Foundation; (2) Young Investigator Award, funded by the Society for Neuroscience; and (3) Ralph W. Gerard Prize in Neuroscience, funded by the Society for Neuroscience.

10:30 p.m.–1:00 a.m. GRADUATE STUDENT AND POSTDOCTORAL FELLOW RECEPTION—New Orleans
Marriott Hotel, Mardi Gras Ballroom

Tuesday, November 7

8:00 a.m.–5:00 p.m. REGISTRATION—Morial Convention Center, Hall G

8:00 a.m. SYMPOSIA—Morial Convention Center

On Form and Function: Molecular Mechanisms of Synapse Development—Conference
Auditorium C
G. Davis, University of California, San Francisco

Cyclic Nucleotide-Gated Ion Channels in the Brain: From Sensory to Central Function—
Conference Auditorium B
P.J.L.M. Strijbos, SmithKline Beecham Pharmaceuticals

8:00 a.m. SLIDE AND POSTER SESSIONS—Morial Convention Center

9:30 a.m.–5:00 p.m. EXHIBITS—Morial Convention Center, Exhibit Hall H–J

10:00 a.m.–11:00 a.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Age, Space and the Hippocampus: From Synapses to Systems
C.A. Barnes, University of Arizona
Introduced by: E. Murray, NIMH

11:15 a.m.–12:15 p.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Signal Transduction Pathways That Regulate Nervous System Development and Function
M. Greenberg, Children's Hospital, Boston and Harvard Medical School
Introduced by: E. Aizenman, University of Pittsburgh School of Medicine

11:30 a.m.–1:00 p.m. MENTORING LUNCHEON—Morial Convention Center, Room 244–245
Sponsored by the Society for Neuroscience Committee on the Development of Women's
Careers in Neuroscience

1:00 p.m. SYMPOSIA—Morial Convention Center

Models for Human Neurodegeneration in Simple Systems—Conference Auditorium B
N.M. Bonini, University of Pennsylvania

Temporal Patterns of Neural Activity and Sensory System Function—Conference Auditorium C
E. Covey, University of Washington

1:00 p.m. SLIDE AND POSTER SESSIONS—Morial Convention Center

1:00 p.m.–2:00 p.m. HISTORY OF NEUROSCIENCE LECTURE—Morial Convention Center, La Nouvelle Ballroom
Viktor Hamburger, Rita Levi-Montalcini, and the Path to the Discovery of NGF
W.M. Cowan, Howard Hughes Medical Institute
Introduced by: E. Kandel, Columbia University, Howard Hughes Medical Center

4:15 p.m.–5:15 p.m. PRESIDENTIAL SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Sponsored by Bristol-Myers Squibb Company
Breaking Down the Pathogenesis of Polyglutamine-Induced Neurodegeneration
H.Y. Zoghbi, Baylor College of Medicine
Introduced by: D. Choi, President, Society for Neuroscience

5:30 p.m.–7:30 p.m. SPECIAL INTEREST SOCIALS—Morial Convention Center

PROGRAM AT A GLANCE

Wednesday, November 8

- 8:00 a.m.–5:00 p.m. REGISTRATION—Morial Convention Center, Hall G
- 8:00 a.m. SYMPOSIA—Morial Convention Center
Multiple Serotonin Receptors: From Molecules to Behavior—
Conference Auditorium C
T.A. Branchek, Synaptic Pharmaceutical Corporation
Neural Substrates of Multiple Forms of Human Memory—
Conference Auditorium B
K.A. Paller, Northwestern University
- 8:00 a.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 9:30 a.m.–5:00 p.m. EXHIBITS—Morial Convention Center, Exhibit Hall H–J
- 10:00 a.m.–11:00 a.m. SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Key Roles for Neuron-Glia Interaction in the Developing Olfactory System
L.P. Tolbert, University of Arizona
Introduced by: S. Bottjer, University of Southern California
- 11:15 a.m.–12:15 p.m. PRESIDENTIAL SPECIAL LECTURE—Morial Convention Center, La Nouvelle Ballroom
Sponsored by Bristol-Myers Squibb Company
Neural Messengers That Break the Rules
S.H. Snyder, Johns Hopkins University School of Medicine
Introduced by: D. Choi, President, Society for Neuroscience
- 1:00 p.m. SYMPOSIA—Morial Convention Center
*Retrograde Signaling in the Short-Term Regulation of Synaptic Transmission
in the Cerebellum, Hippocampus, and Neocortex*—Conference Auditorium B
B.E. Alger, University of Maryland School of Medicine
Molecular Genetics of Sensory Mechanotransduction—Conference Auditorium C
G.R. Lewin, Max-Delbrück Center for Molecular Medicine
- 1:00 p.m. SLIDE AND POSTER SESSIONS—Morial Convention Center
- 5:30 p.m.–7:30 p.m. SPECIAL INTEREST SOCIALS—Morial Convention Center
- 5:30 p.m.–7:30 p.m. SPECIAL INTEREST SOCIAL—Morial Convention Center, Room 398
The Journal of Neuroscience: Publishing in the Electronic Age
Chaired by G. M. Shepherd, Yale University School of Medicine

Thursday, November 9

- 8:00 a.m.–10:00 a.m. REGISTRATION—Morial Convention Center, Business Office, Hall G
- 8:00 a.m. SYMPOSIA—Morial Convention Center
From Neuroplasticity to Rehabilitation in Adult Brain—Conference Auditorium C
T. Elbert, University of Konstanz
Synaptic Physiology of Central Autonomic Regulation—Conference Auditorium B
B.N. Smith, Tulane University
- 8:00 a.m. SLIDE AND POSTER SESSIONS—Morial Convention Center

Sessions Conclude at Noon on Thursday