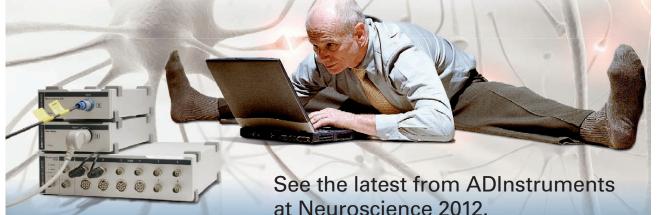
If another data acquisition system for neurophysiology gives you more flexibility, let us know.



booth 2230 Research



- Proven flexibility with 75% of our neuroscience customers using PowerLab to acquire multiple signals
- 4 to 16 input channels, pre-processing hardware and fast sampling rates of up to 200 kHz for even the most demanding applications
- 32 display channels, easy to use interface and powerful analysis features with supplied LabChart software
- LabChart Pro modules such as HRV, ECG, BP, Spike Histogram, Peak Analysis and Dose Response automate analysis.

Ask us about the power of LabChart's new event-driven **VB Scripting.**

Education booth 1330



- LabTutor and LabChart systems to suit a wide range of curricula (course level and field of science)
- Over 500 ready-to-use experiments that can be easily modified or simply created from scratch using your protocols
- Fully customizable systems to meet your exact needs
- Latest solutions include interactive self-directed learning, online pre and post lab activities, high-definition video content, and access to student learning content 24/7.

Ask us about the Craw-Fly scholarships and travel grants.

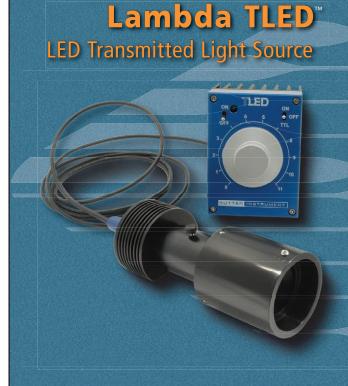
Visit booth 2230 or 1330 for a chance to win an iPhone 5



ADInstruments. Inc.

Tel: +1 888-965-6040 • info.na@adinstruments.com





The Lambda TLED is a stand-alone LED light source that can be used with the transmitted light path of a microscope or in other applications with similar requirements. This basic system consists of an LED mounted on a special black-anodized aluminum heat sink and a controller. The TLED uses a high-output white light LED, making it a suitable light source for contrast methods, including Phase, and Differential Interference Contrast (DIC).

FEATURES

- >10,000 hour lifetime
- >25µsecs on-off time
- TTL control (with polarity switch)
- Very stable output
- Compact stand-alone design
- Easy installation
- \$2,500 U.S. / \$2,625 International

SUTTER INSTRUMENT

PHONE: 415.883.0128 | FAX: 415.883.0572 | EMAIL: INFO@SUTTER.COM | WWW.SUTTER.COM

ACS Chemical Neuroscience



1ST EVER IMPACT FACTOR: 3.676

EDITOR CRAIG W

FOUNDED 2010

Follow the journal today at pubs.acs.org/r/follow

Introduced in 2010, ACS Chemical Neuroscience recorded its first ever Impact Factor in 2011 of 3.676* ranking it #9 among all journals in Medicinal Chemistry. The journal publishes articles and reviews that showcase chemical, quantitative biological, biophysical and bioengineering approaches to the understanding of the nervous system and to the development of new treatments for neurological disorders.

*As reported in the 2011 Journal Citation Reports® by Thomson Reuters.



Visit us at booth 941!

Little Genius



BLItz brilliantly packs the power of Dip and Read™ label-free analysis into a personal assay system. Give BLItz a drop of your sample and it does the rest!

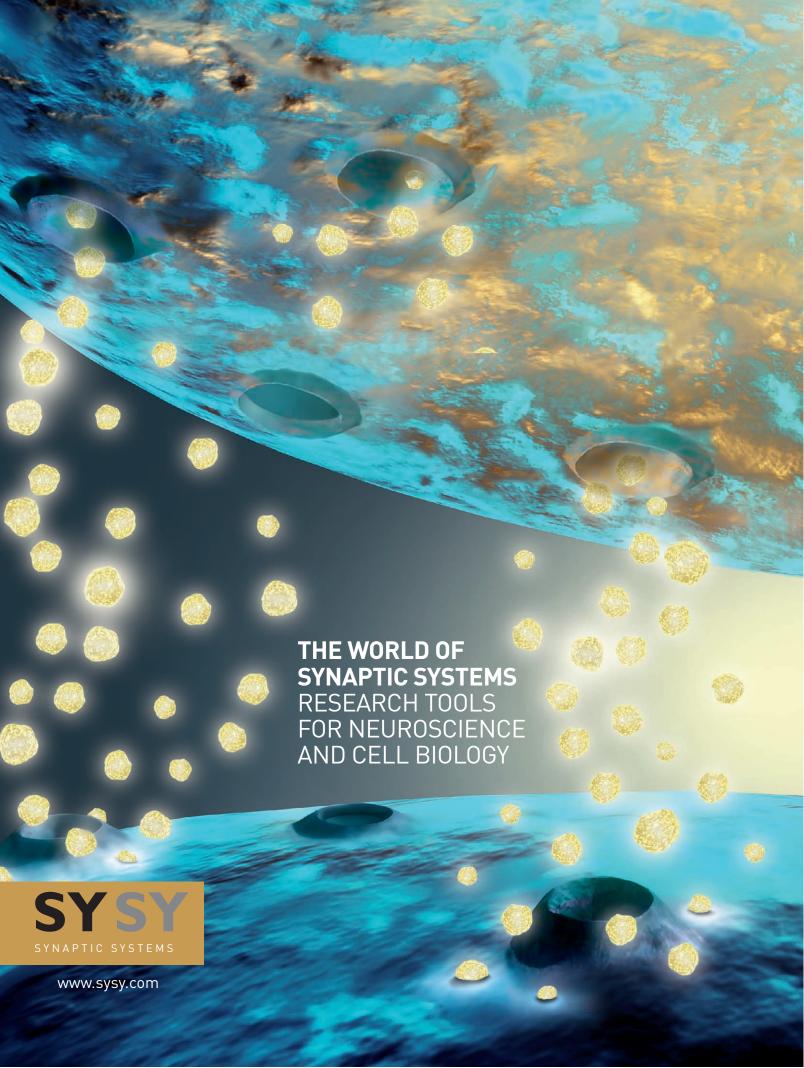
- Protein presence/absence in seconds
- Binding kinetics assays at your bench
- Protein quantitation in seconds
- Develop immunoassays in minutes
- Easily analyze crude samples

Cleverly priced under \$20K so you can have your own little genius.

Want to try BLItz in your lab? Visit BlitzMeNow.com or call 855.BLITZ.ME.







PICTURE YOURSELF AS A AAAS SCIENCE & TECHNOLOGY POLICY FELLOW

Make a Difference.

Help give science a greater voice in Washington, DC! Since 1973, AAAS Fellows have applied their skills to federal decision-making processes that affect people in the U.S. and around the world, while learning first-hand about the government and policymaking.

Ioin the Network.

Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, computational/ mathematical, earth, medical/ health, or physical science, or any engineering discipline. Individuals with a master's degree in engineering and three years of professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.

The application deadline for the 2012-2013 AAAS Science & Technology Policy Fellowships is 5 December. Fellowships are awarded in the spring and begin in September. Stipends range from \$74,000 to \$97,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

🛅 🛂 💺 Full details at: fellowships.aaas.org

Enhancing Public Policy, Advancing Science Careers

Matthew Schmolesky, PhD

Neuroscience, University of Utah

AAAS Fellow at the U.S. Department of State, Office of the Science and Technology Adviser to the Secretary (2005-06) and the Office of International Religious Freedom(2004-05)

Now a professor in the Department of Psychology at Weber State University









Simplify your research with automatic and continuous dosing.

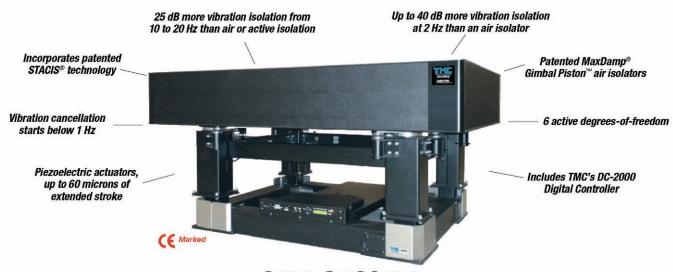
ALZET® Osmotic Pumps are a superior alternative to repetitive injections and other dosing methods that require frequent animal handling. These fully implantable pumps provide continuous and precise administration of test agents, in animals as small as mice, for up to 6 weeks. With no programming or software to learn, they are easy to use by lab personnel. Learn more at alzet.com







PRECISION VIBRATION ISOLATION SYSTEMS

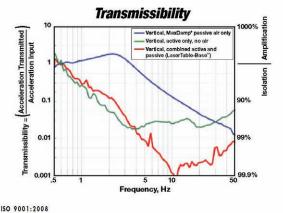


STACIS® iX LaserTable-Base™

Hybrid Piezoelectric/Air Active Vibration Cancellation System

TMC's breakthrough technology enables single molecule biophysics

...AFM...confocal...laser tweezers...multiphoton



TMC's two-tiered LaserTable-Base™ combines a patented MaxDamp® Gimbal Piston™ air vibration isolation system to isolate high frequencies and the patented STACIS® technology incorporating piezoelectric actuators and inertial vibration sensors to cancel vibration at very low frequencies. The result: unprecedented levels of vibration isolation for the most sensitive research on the most severe floors.





1-800-542-9725 www.techmfg.com



Biopac Student Lab 4

Empower your students with interactive, multi-media physiology lessons!



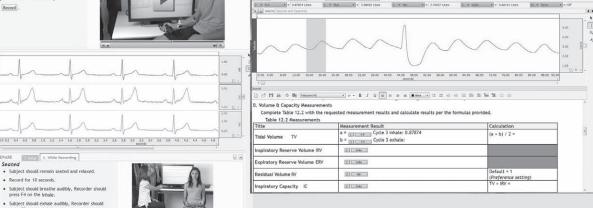
Students record data from their own bodies. animals, or tissue preps



MP45

Easy setup..

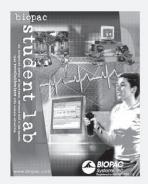
great data!



"these systems have successfully transformed the physiology laboratory"

NEW! Rich multi-media lessons incorporate text, images, and video to...

- Guide students through the lesson
- Demonstrate difficult procedures
- Provide example data
- Complete data reports in software
- Increase student comprehension
- Display curriculum materials
- Make labs run smoothly
- Maximize lab results



 Record for 5 more se When ready, click Record

<< Previous Tab

Lessons use standard and clinical techniques so students develop real-world skills!

Complete teaching systems with integrated hardware, software, and curriculum.

Solutions for 2-year and 4-year colleges, nursing & medical schools

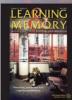
Check for info or updates online or request a live demo today!

WWW.BIOPAC.COM













Remember Learning & Memory!

Spanning genes to behavior, *Learning & Memory* is an international, continuously published, peer-reviewed journal that publishes research on the neurobiology of learning and memory in humans and other species. It serves as an exciting interdisciplinary forum for neurobiologists in many fields:

- Behavior
- Cognition
- Computation
- Neuroanatomy
- Neurophysiology

- Neuropharmacology
- Biochemistry
- Genetics
- Cell and Molecular Biology
- Developmental Biology

Learning & Memory consistently ranks in the top quartile of all journals in the field of neuroscience, according to the annual ISI Journal Citation Reports. It is edited by John H. Byrne (University of Texas, Houston Medical School), a leading researcher in the neuronal and molecular mechanisms underlying learning and memory.

Visit www.learnmem.org to learn more about *Learning & Memory*, and then contact your librarian to let them know of your interest in this exciting publication.

ISSN 1549-5485

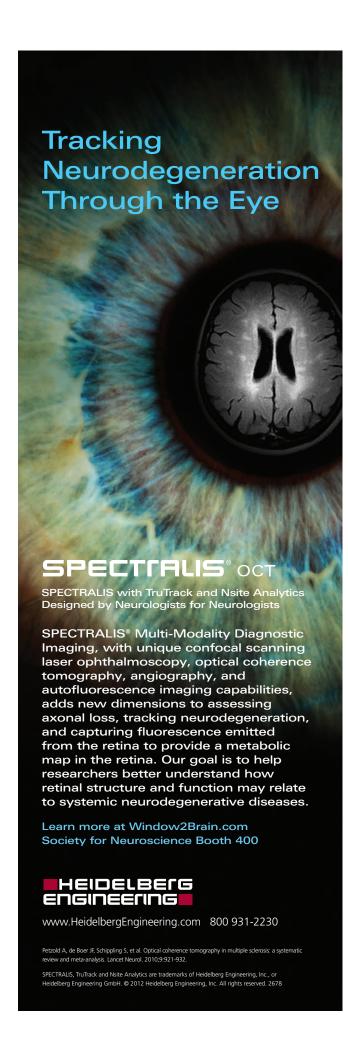
Volume 20, 2013

12 Online Issues

Learn More—Visit Learning & Memory Online www.learnmem.org







Share the wonders of the brain and mind with BrainFacts.org

A PUBLIC INFORMATION INITIATIVE OF:









Seeking resources to communicate with the public about neuroscience? Educating others through Brain Awareness activities?

BrainFacts.org can help you communicate how the brain works.

Explore *BrainFacts.org* for easy-to-use, accessible resources including:

- Information about hundreds of diseases and disorders
- Concepts about brain function
- Educational tools
- Multimedia tools and a social media community
- Interviews and discussions with leading researchers; and more

Visit BrainFacts.org

Twenty-third Meeting of the European Neurological Society



8 -11 June 2013

Barcelona, Spain

Neurology: Learning, knowledge, progress and the future

Key symposia:

- Presidential Symposium (Sleep and the pathophysiology/outcome of neurological disorders)
- Advances in stroke prevention and treatment
- Parkinson and Parkinsonism
- Personalised treatment in MS
- Recent advances in Alzheimer and other dementias

The congress programme includes 23 teaching courses, 9 workshops, practical sessions in clinical neurophysiology, interactive case presentations and selected scientific sessions in the form of oral and poster sessions.

Abstract submission deadline: 18 January 2013
Early registration deadline: 20 March 2013

For further information please contact:
ENS 2013, c/o Congrex Switzerland Ltd.
Peter Merian-Strasse 80, 4002 Basel / Switzerland
Phone +41 61 686 77 77 Fax +41 61 686 77 88
Email basel@congrex.com

ViewPoint EyeTracker®

Scene Systems

Light weight and comfortable the eye tracking system can be worn without discomfort for long periods. View real-time gaze or recorded AVI 2.0 movies with gaze point shown clearly over the scene video. Easily adjustable in size and compatible with glasses.

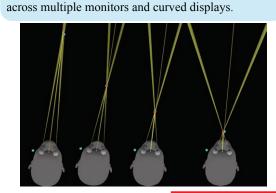
- * Binocular version includes correction for parallax error
- * The lightest weight at less than 25g
- * No beam splitter to adjust, clean or break
- * Fits any face
- * No head tracker is required
- * Laptop systems available



Problems Solved -

Parallax errors and frame torsion errors are real problems with monocular systems. *ViewPoint* binocular systems eliminate these problems using proprietary algorithms providing accuracy over the entire range of distance.

New 3DWorkSpace™ and 3DViewPoint™ provide precise 3D depth information for 3D monitors, gaze



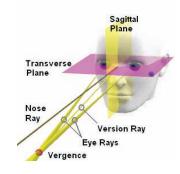
3DWorkSpace™

220 Hz USB

HeadLock™ & Remote



3DViewPoint™

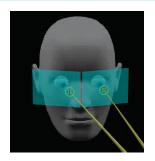


- * Vergence & Version Angles
- * 3D Scan Paths
- * Fast & Easy Setup
- * Intuitive 3D Graphics
- * Post-hoc ROI Specifications
- * Torsion across 3D Gaze
- * Heat, Fog and Torch Maps
- * Polygon/Concave ROI
- * Angular Calculations
- * Quanternian Transforms

HMD Systems



Leading integrator of HMD eye tracking systems. We can design for any HMD.



- Canted / Tilted Displays
- * Full or Partial Binocular Overlap
- * See-thru or Opaque Displays

Pupilometry



Torsion



Interfaces

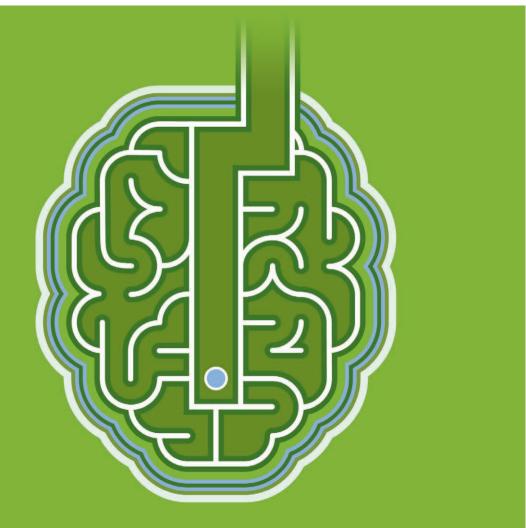






Take a direct route to results





Neurobiology research tools for biologically relevant results

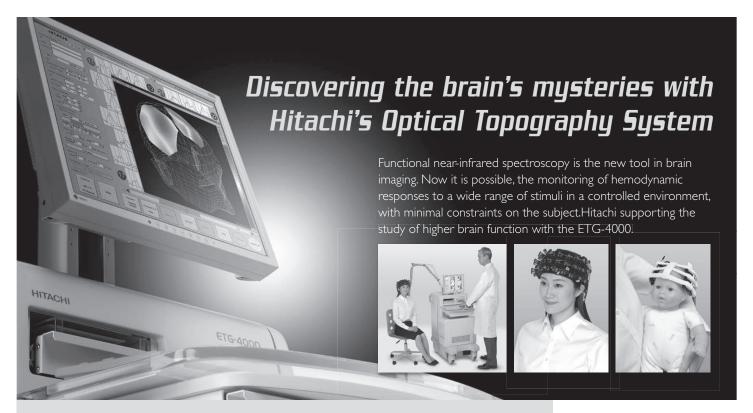
Go straight to the data you need with Lonza's integrated primary cells and media, transfection technology, and qPCR arrays.

Designed specifically for neurobiology studies, our research tools will help keep you on the fast track to biologically relevant results.

Visit us to learn more about our:

- Clonetics™ primary cells and media, tailored for neurobiology research
- Nucleofector™ transfection technology for primary neurons
- StellARray™ disease- and pathway-specific qPCR arrays

The direct path to results starts with Lonza.



@Hitachi Medical Corporation

Akihabara UDX, 4-14-1, Soto-Kanda, Chiyoda-ku, Tokyo, 101-0021, Japan International Division PHONE: 81-3-3526-8400, FAX: 81-3-3526-8420, www.hitachi-medical.co.jp/english





Benign Essential Blepharospasm Research Foundation (BEBRF)

The Benign Essential Blepharospasm Research Foundation (BEBRF) funds research into new treatments, pathophysiology and the genetics of the following focal dystonias: benign essential blepharospasm (BEB) and Meige Syndrome (cranial and oromandibular dystonia). Research into photophobia, dry eye and apraxia of eyelid opening as they relate to BEB and Meige and their treatment will also be considered for funding. Funds up to \$150,000 are available annually. MD or PhD required for principal investigator. Non-U.S. citizens working at institutions abroad are also eligible to apply for a research grant.

Deadline to apply for this year is August 31, 2013. Grant guidelines can be obtained from the following:

The Benign Essential Blepharospasm Research Foundation P.O. Box 12468
Beaumont, TX 77726-2468
Phone- 409-832-0788
Fax – 409-832-0890

E-mail: BEBRF@blepharospasm.org

or visit the website: www.blepharospasm.org



Tier 2 Canada Research Chair In **Primate Neuroscience** Schulich School of Medicine & Dentistry and Faculty of Social Science Western University



The Schulich School of Medicine & Dentistry and the Faculty of Social Science at Western University, one of Canada's leading research intensive universities, seek applicants for a Tier 2 Canada Research Chair in Primate Neuroscience. In accordance with the regulations set for Tier 2 Canada Research Chairs (www.chairschaires.gc.ca), the candidate will be an excellent emerging researcher who has demonstrated research creativity and innovation, and the potential to achieve international recognition in the field of Primate Neuroscience within the next five to ten years. The Candidate must propose an innovative research program of high quality which would attract excellent trainees, students and future researchers.

The Tier 2 CRC will be expected to establish an independent, externally funded, research program. The position will have excellent opportunity to collaborate with strong researchers at Western including The Brain and Mind Institute, Robarts Research Institute and Lawson Health Research Institute. Researchers with experience in novel approaches to primate neurobiology, complementing existing areas of research strength within the Schulich School of Medicine & Dentistry and the Faculty of Social Science, to further strengthen the signature area of Neuroscience Research at Western are desirable. Candidates with expertise in (1) electrophysiology in local and large scale neural circuits, (2) non-human primate fMRI, or (3) novel neural modulation techniques are encouraged to apply.

The successful applicant will hold a PhD or an M.D., or equivalent, and will be a tenure track appointment at the position of Assistant Professor or at an Associate Professor level if qualifications and experience warrant. The appointment will be made to the Department of Physiology and Pharmacology in the Schulich School of Medicine & Dentistry and the Department of Psychology in the Faculty of Social Science with the opportunity for a cross-appointment to an appropriate Clinical Department, and for consideration of an appointment as Scientist at the Robarts Research Institute and the Lawson Health Research Institute.

Western has a full time enrollment of about 32,000 in a range of academic and professional programs. Further information about the Schulich School of Medicine & Dentistry can be found at www.schulich.uwo.ca and/or at www.uwo.ca. Western's Recruitment & Retention Office is available to assist in the transition of successful applications and their families.

Please send a detailed curriculum vitae, a brief description of your current research program, accomplishments, and future plans, copies of representative publications, and the names of three referees to:

> **Dr. Denise Figlewicz** Vice Dean, Research and Innovation Schulich School of Medicine & Dentistry Room 1240A, Robarts Research Institute **Western University** London, Ontario CANADA N6A 5C1 selection.committee@schulich.uwo.ca

Applications will be accepted until the position is filled. Review of applicants will begin after January 1, 2013.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.



Creative Thinkers! Bold Ideas! Accelerate Research!

Submit a one-page concept for your chance to win \$3,000 Learn more at www.nei.nih.gov/challenge







NIH...Turning Discovery into Health®

CUIEPSP

Foundation for PSP I CBD and Related Brain Diseases because hope matters

2012 International Research Symposium

November 16 - 17, 2012 Hyatt Regency Baltimore on the Inner Harbor Baltimore, Maryland

Basic and clinical scientists interested in PSP, CBD and related brain diseases are invited to attend.

Abstracts of 250-300 words for the poster session should be submitted by October 1 to CurePSP's Scientific Director, Lawrence I. Golbe, MD, at golbe@umdnj.edu. Decisions will be made by October 15.

For more information, please contact Adrienne Bantum at bantum@curepsp.org.

Join the Society for Neuroscience

Are you an SfN member?

Join now and save on annual meeting registration. You'll also enjoy these member-only benefits:

- Abstract submission only SfN members can submit abstracts for the annual meeting
- Lower registration rates and more housing choices for the annual meeting
- The Journal of Neuroscience access The Journal online and receive a discounted subscription on the print version
- Free essential color charges for The Journal of Neuroscience manuscripts, when first and last authors are members
- Free online access to the European Journal of Neuroscience
- Premium services on NeuroJobs, SfN's online career resource
- Member newsletters, including Neuroscience Quarterly and Nexus

If you are not a member or let your membership lapse, there's never been a better time to join or renew. Visit www.sfn.org/joinnow and start receiving your member benefits today.

www.sfn.org/joinnow





Neurobiology Asisstant Professor

The Department of Neurobiology, in the Weinberg College of Arts and Sciences, seeks to recruit a new tenure-track faculty member at the level of Assistant Professor. Applicants holding a Ph.D. and/or M.D. degree and demonstrating an outstanding record of scientific achievement will be considered. We are interested in individuals whose research addresses fundamental issues in neuroscience and who show significant potential for innovation, scholarship, and commitment to excellence in research and teaching.

Successful candidates will be expected to establish and maintain a high-profile research program attracting substantial extramural funding. The appointee will have access to state-of-the-art life science research support facilities and opportunities to interact with colleagues in the Institute for Complex Systems, Cognitive Neurology and Alzheimer's Disease Center, Center for Reproductive Science, Center for Sleep and Circadian Biology, Robert H. Lurie Comprehensive Cancer Center and an interdepartmental neuroscience graduate program with over 130 faculty.

Applicants will submit (in PDF format) a cover letter, a CV, and a description of research plans. For details on preparing the application, please visit www. neurobiology.northwestern.edu. Please plan to request at least three letters of recommendation. Applications received by November 1, 2012 will be ensured full consideration. All other inquiries may be directed to Neurobiofacsearch@northwestern.edu.

AA/EOE. Women and minority applicants are encouraged to apply.

DrummondRecording Nanoject II™

Enables High Precision Electrophysiological Guidance of Nanoliter Injections into the Brain

- Facilitates connection to an extracellular amplifier to allow recording of neural activity
- Supplements stereotaxic coordinates in guiding the placement of small injections
- Provides direct displacement of neuronal tracer or excitotoxin from the pipet

The Drummond Recording Nanoject II was specifically developed to improve micro-volume injection techniques used to study connectivity and function of specific brain nuclei. Designed to be operated in conjunction with an extracellular amplifier, the integrated system can be used to reliably place small volumes into targeted areas. The Recording Nanoject II is engineered to easily mount on popular stereotaxic instruments.

For more information visit our web site at www.drummondsci.com or call 1-800-523-7480.





500 Parkway, Box 700 Broomall, PA 19008 1-800/523-7480 • FAX: 1-610/353-6204 Web site: www.drummondsci.com





The College of Arts and Sciences at American University (Washington, DC) invites applications for a full-time, tenure-line, Assistant Professor position, beginning in August 2013, in computational neuroscience (broadly defined, including but not limited to neural networks, simulation, image processing, and bio-informatics). The appointee's tenure home and departmental affiliation will depend on his or her research background, but we are most interested in applicants who would have at least a joint affiliation with the Department of Computer Science. Applicants must have a PhD in a relevant discipline. Teaching and post-doctoral experience are preferred. Responsibilities include: teaching and curriculum development; establishing an internationally recognized research program, preferably one that can involve undergraduate research participation; strengthening connections to neurosciences across campus; and service to the appointee's home department and the wider university.

American University has made other recent hires in neuroscience, is presently seeking to fill other positions in Computer Science, and benefits from proximity to other scientific institutions in the Washington area. (For example, NIH is three metro stops from the AU campus.) The College of Arts and Sciences offers a variety of degrees at the undergraduate, masters, and doctoral levels. For more information about our programs, visit http://www.american.edu/cas/.

Applicants should submit a cover letter, curriculum vitae, teaching statement, and research statement, and applicants must arrange for three letters of recommendation to be sent directly to the search committee. Materials can be submitted online (highly preferred) at http://academicjobsonline.org/ajo, or via email to CompNeuroSearch@american.edu, or in hard copy to Computational Neuroscience Search Committee, Department of Mathematics and Statistics, American University, Washington, DC 20016-8050. Applications received by December 10, 2012 will receive full consideration. American University is an EEO/AA institution, committed to a diverse faculty, staff, and student body. Women and minority candidates are strongly encouraged to apply. American University offers employee benefits to same-sex domestic partners of employees and prohibits discrimination on the basis of sexual orientation/preference and gender identity/expression.

GIVE TO THE FRIENDS OF STN FUND

Support the next generation of neuroscientists through travel awards and other career development initiatives.







To inquire about specific initiatives, or to make a tax-deductible donation, visit www.sfn.org/supportsfn or e-mail: development@sfn.org.

Meeting Announcement

Neuro 2013

Joint Conference of The 36th Annual Meeting of the Japan Neuroscience Society, The 56th Annual Meeting of Japanese Society for Neurochemistry and The 23rd Annual Meeting of Japanese Neural Network Society Neuro2013 will be cooperatively held with the 11th World Federation of Societies of Biological Psychiatry (WFSBP) June 23rd – 27th, 2013 (ICC Kyoto)

Date

June 20th, Thu. 2013 – June 23rd, Sun., 2013

Venue

Kyoto International Conference Center (ICC Kyoto), Japan

Chairpersons

The 36th Annual Meeting of the Japan Neuroscience Society **Tadafumi Kato, M.D., Ph.D.,** RIKEN Brain Science Institute

The 56th Annual Meeting of the Japanese Society for Neurochemistry **Hiroshi Kiyama, Ph.D.,** Graduate School of Medicine, Nagoya University

The 23rd Annual Conference of the Japanese Neural Network Society **Hiroaki Gomi, Ph.D.,** NTT Communication Science Laboratories

Program (Tentative)

I. Plenary Lectures *In Alphabetical Order

Prof. Fred H. Gage

Laboratory of Genetics, Salk Institute

Prof. Maiken Nedergaard

University of Rochester Medical Center

Prof. Miguel A.L. Nicolelis

Duke University Medical Center

Prof. Thomas C. Südhof

Stanford University School of Medicine; Howard Hughes Medical Institute

II. Symposia

Symposia planned by the organizers.

Symposia planned by the program committee.

Call for Symposia: planned.

Symposium jointly held with the World Federation of Societies of Biological Psychiatry (WFSBP) Seminar jointly held with the Japanese Society of Biological Psychiatry (JSBP)

III. Awarded Lectures

IV. Oral Presentations / Poster Sessions

Call for abstract: November 1st, 2012 to mid-January, 2013 (tentative)

V. Sponsored Seminars –Application available

VI. Equipment and Publications Exhibition –Application available

VII. Satellite Symposia

Travel Awards Available

Secretariat for Neuro2013

c/o Congress Corporation

Kohsai-kaikan Bldg. 5-1, Kojimachi, Chiyoda-ku, Tokyo, Japan 102-8481 Tel: +81-3-5216-5318 / Fax: +81-3-5216-5552

URL: http://www.neuro2013.org/ E-mail: staff@neuro2013.org

Join the Society for Neuroscience

Are you an SfN member?

Join now and save on annual meeting registration. You'll also enjoy these member-only benefits:

- Abstract submission only SfN members can submit abstracts for the annual meeting
- Lower registration rates and more housing choices for the annual meeting
- The Journal of Neuroscience access The Journal online and receive a discounted subscription on the print version
- Free essential color charges for The Journal of Neuroscience manuscripts, when first and last authors are members
- Free online access to the European Journal of Neuroscience
- Premium services on NeuroJobs, SfN's online career resource
- Member newsletters, including Neuroscience Quarterly and Nexus

If you are not a member or let your membership lapse, there's never been a better time to join or renew. Visit www.sfn.org/joinnow and start receiving your member benefits today.

www.sfn.org/joinnow





DIVISION OF NEUROSCIENCE AND BASIC BEHAVIORAL SCIENCE DIVISION OF ADULT TRANSLATIONAL RESEARCH AND TREATMENT DEVELOPMENT DIVISION OF DEVELOPMENTAL TRANSLATIONAL RESEARCH

BEHAVIORAL SCIENCE & INTEGRATIVE NEUROSCIENCE

Cognitive Neuroscience Cognitive Science

Theoretical and Computational Neuroscience

Affect and Social Behavior

Circadian Rhythms and Sleep Motivational Systems

CLINICAL NEUROSCIENCE

Molecular and Cellular Systems

Experimental Therapeutics

CHILD ONSET MENTAL DISORDERS

Neurobehavioral Mechanisms **Developmental Trajectories Novel Interventions**

HUMAN GENETICS & GENOMIC RESOURCES

Human Genetics Initiative & Genomic Resources

Genetic Basis of Mental Disorders

MOLECULAR, CELLULAR, & **GENOMIC NEUROSCIENCE**

Functional Neurogenomics

Developmental Neurobiology

Signal Transduction

Neuroendocrinology

Neuroimmunology

Drug Discovery and Clinical Therapeutics

Molecular Pharmacology

INTERDISCIPLINARY RESEARCH

Conte Centers for Basic and Translational Research

Neurotechnology

Small Business Innovation Research Small Business Technology Transfer

RESEARCH TRAINING & CAREER DEVELOPMENT

Institutional Training Programs Individual Fellowships Mentored Career Development

Research Education Programs

PLEASE VISIT OUR BOOTH

NIMH: 3613

Society for Neuroscience 2012

NOTITITE BOOTES

3521	3620
3519	3618
3517	3616
3515	3614
3513	3612
	3519 3517 3515

S
T
Ξ
0
0
m
ш.
ш
F
1
-
_
-
S
7
=

3621	3720	0111000
3619	3718	
3617	3716	T + 1 + 0 1 1
3615	3714	
3613	3712	

INSTITUTE BUUTHS	3721
	3719
	3717
	3715
	3713







M°GOVERN INSTITUTE

FOR BRAIN RESEARCH AT MIT

CALL FOR NOMINATIONS: SCOLNICK PRIZE IN NEUROSCIENCE

PAST SCOLNICK PRIZE WINNERS

2004: Dr. Masakazu Konishi, Cali fornia Institute of Technology

2005: Dr. Judith L. Rapoport, National Institutes of Mental Health/ NIH

2006: Dr. Michael E. Greenberg, Children's Hospital/HMS

2007: Dr. David Julius, University of California, San Francisco

2008: Dr. Michael Davis, Emory University School of Medicine, Atlanta

2009: Dr. Jeremy Nathans, Johns Hopkins University

2010: Drs. Lily and Yuh-Nung Jan, UCSF

2011: Dr. Bruce McEwen, The Rockefeller University

2012: Dr. Roger Nicoll, University of California, San Francisco

The McGovern Institute for Brain Research is accepting nominations for the 10th annual Edward M. Scolnick Prize in Neuroscience. The Prize recognizes an outstanding discovery or significant advance in the field of neuroscience. The prize is \$100,000. The recipient presents a public lecture at MIT, hosted by the McGovern Institute and followed by a dinner in Spring 2013.

NOMINATION PROCEDURES:

Candidates for the award must be nominated by individuals affiliated with universities, hospitals, medicals schools, or research institutes, with a background in neuroscience. Self-nomination is not permitted. Each nomination should include:

- A biosketch or CV of the nominee;
- A letter of nomination with a summary and analysis of the major contributions of the nominee to the field of neuroscience.
- Up to two representative reprints will be accepted.

SELECTION PROCEDURES:

- Members of the selection committee and faculty affiliated with MIT are not eligible.
- Announcement of the award recipient will be made in February 2013
- Recipient must attend all events to be awarded the prize.

NOMINATION DEADLINE: DECEMBER 15, 2012

SEND NOMINATION PACKET TO:

McGovern Institute for Brain Research Attn: Scolnick Prize Nomination Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, MA 02139

or gwolf@mit.edu

For more information: http://mcgovern.mit.edu





Who's on NeurOnLine?

Emanuel DiCicco-Bloom

SfN Public Education and
Communication Committee Member
Robert Wood Johnson Medical School





Emma DuerdenSfN 2009 Next Generation Award Winner
The Hospital for Sick Children

Joanne Berger-Sweeney
SfN's Professional
Development
Committee Co-chair
Tufts University







Erich Jarvis
SfN's Professional
Development
Committee Member
Duke University

Join the Conversation

NeurOnLine is a new, SfN members-only online community where you can share great science, network, forge collaborations, and keep in touch — anytime, anywhere — within a trusted forum. As with the SfN annual meeting and *The Journal of Neuroscience*, *NeurOnLine*'s content and discussions will be generated *by* members, *for* members.

- Discuss emerging scientific findings
- Explore new tools and techniques
- Network year-round within the global community, more than 41,000 members worldwide
- Share experiences and receive or provide mentoring on different career paths, stages, and challenges
- Get involved in public outreach, from Brain Awareness and science teaching to advocacy

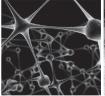
NeurOnLine will help you advance your science and career on your schedule.

neuronline.sfn.org

Join Keystone Symposia for a 2013 Neuroscience Conference

It's all about the science.







Multiple Sclerosis

January 11–16, 2013 • Big Sky Resort • Big Sky, Montana, USA Scientific Organizers: Trevor J. Kilpatrick, Brenda Banwell and Hartmut Wekerle

Early Registration Deadline: Nov 12, 2012 www.keystonesymposia.org/13A1

Neurogenesis *joint with:* **New Frontiers in Neurodegenerative Disease Research**

February 3-8, 2013 • Santa Fe Community Convention Center • Santa Fe, New Mexico, USA

Neurogenesis Scientific Organizers: Hongjun Song, Yukiko Gotoh, Yi Eve Sun and Gerd Kempermann

Neurodegenerative Disease Scientific Organizers: Li-Huei Tsai,

Steven M. Paul and Michael Hutton

Late-Breaking Abstract Deadline: Nov 1, 2012 Early Registration Deadline: Dec 4, 2012 www.keystonesymposia.org/13J7 www.keystonesymposia.org/13J8 Growing to Extremes: Cell Biology and Pathology of Axons

March 10–15, 2013 • Granlibakken Resort • Tahoe City, California, USA

Scientific Organizers: Valeria Cavalli, Michael Fainzilber and Jeffery L. Twiss

Abstract & Student/Postdoc Scholarship Deadline: Nov 8, 2012 Early Registration Deadline: Jan 10, 2013 www.keystonesymposia.org/13C4

Neuronal Control of Appetite, Metabolism and Weight

March 17-22, 2013 • Fairmont Banff Springs • Banff, Alberta, Canada

Scientific Organizers: Tony K.T. Lam and Matthias H. Tschöp Abstract & Student/Postdoc Scholarship Deadline: Nov 14, 2012 Early Registration Deadline: Jan 17, 2013 www.keystonesymposia.org/13C6

Visit us at booth #3603 at Neuroscience 2012 in New Orleans.

Keystone Symposia conferences are known for their collegial atmospheres where late-breaking research is presented, high-quality interactions occur during poster sessions and free time, and new collaborations are forged.

1.800.253.0685 | 1.970.262.1230

www.keystonesymposia.org/neuro



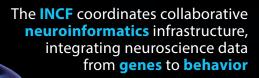




Professor of Neurobiology

The Biology Department invites applications for a tenured faculty appointment at the full professor level in neurobiology (pending budgetary approval). We are particularly interested in innovative researchers who integrate cell and molecular neurobiology with systems neuroscience to study basic questions in signaling, synaptic function, development or learning and memory, and their connections to organismal phenotypes. We seek a colleague with an outstanding record of research accomplishment who will serve as a leader in the future development of neurobiology in the department and the broader neuroscience community at Boston University. Responsibilities include the maintenance of a vigorous research program with extramural funding and participation in undergraduate and graduate instruction.

The successful candidate will be offered laboratory facilities in our interdisciplinary Life Science & Engineering Building, a competitive salary, and generous start-up funding. Review of applications will begin 1 November 2012 and continue until the position is filled. Please use AcademicJobsOnline (https://academicjobsonline.org/ajo/jobs/1874) to submit application materials. Inquiries can be addressed to Michael Baum (baum@bu.edu), Chair, Neurobiology Search Committee, or Michael Sorenson (msoren@bu.edu), Chair, Department of Biology. Please visit the following websites for additional information about the Biology Department (http://www.bu.edu/biology/) and BU's interdisciplinary programs in Neuroscience (http://www.bu.edu/neuro/). Boston University is an Equal Opportunity/Affirmative Action employer.



Live demonstrations at the INCF booth #3536 at SfN 2012 in New Orleans!

Sunday, Oct. 14th

09:30 - 12:30

 The INCF Data Space (IDS) - Connect and share neuroscience data

Smith C, Ritz R

A simple tool for data sharing and quality control

Haselgrove C The INCF Neuroimaging Data Sharing Task Force

13:30 - 16:30

 The INCF Data Space (IDS) - Connect and share neuroscience data

Smith C, Ritz R

New Developments in ModelDB
 Morse TM, Wang R,
 Marenco L, Carnevale NT,
 Hines ML, Shepherd GM

Monday, Oct. 15th

09:30 - 12:30

 Spyke Viewer: A flexible and extensible tool for visualization and analysis of electrophysiological data

Pröpper R, Obermayer K

• The INCF Data Space (IDS) - Connect and share neuroscience data

Smith C, Ritz R

13:30 - 16:30

- Machine-Readable Description of Neuron Types and Properties
 Hamilton DJ, Bergamino M,
 DeFelipe J, Le Novère N, Shepherd GM,
 Witter MP, Ascoli GA
- The INCF Data Space (IDS) -Connect and share neuroscience data

Smith C, Ritz R

Tuesday, Oct. 16th

9:30 - 12:30

 Walk-in Registration Clinic: Bringing your images into the INCF Waxholm Space Atlasing Infrastructure

Zaslavsky I, Gee J

 BAMS: The Brain Architecture Management System

Bota M, Swanson L

13:30-16:30

 Walk-in Registration Clinic: Bringing your images into the INCF Waxholm Space Atlasing Infrastructure (ct.)

Zaslavsky I, Gee J

· NEST goes GPL

Gewatlig M-O, Plesser H-E, Diesmann M

Wednesday, Oct. 17th

9:30 - 12:30

 Open Mini-Hackathon: Developers are welcome to join us for on-site coding and discussion

13:00 - 17:00

 Neuroinformatics Poster Session Hall F-J #928

Social events:

Sunday Oct. 14th, 18:45 - 20:45

Neuroinformatics & Genomics Social *Hilton Riverside: Jasperwood*

Tuesday 16th, 18:45 - 20:45

Computational Neuroscience Social *Hilton Riverside: Versailles*

INCF Secretariat Karolinska Institutet Nobels väg 15 A, Stockholm, SE-171 77 Sweden Tel: +46 8 524 870 93 Fax: +46 8 524 870 94 E-mail: info@incf.org Web: www.incf.org





More translational and predictive animal models.

Plot your pathway for breakthroughs in neuroscience with knockout rat models from SAGE® Labs.

Biosynaptic.

Advancements in neuroscience are yours to discover with targeted knockout rats from SAGE Labs. Our comprehensive suite of rat models can help move your neuroscience research forward. Map your next breakthrough with smarter rat models for studying neurodegenerative, mood, and affective disorders, including seven new models of autism.



The Journal of Neuroscience

The Official Journal of the Society for Neuroscience

Launched in Summer 2012

The Journal of Neuroscience comes to Mobile Web

Access all of your journal resources wherever you go

- The Journal of Neuroscience is available for comprehensive and universal mobile access.
- Gain quick access to The Journal articles, table of contents, and the features you have come to expect from the premier journal in the field
- Connect to *The Journal* from virtually any mobile device, anywhere a web connection is available

