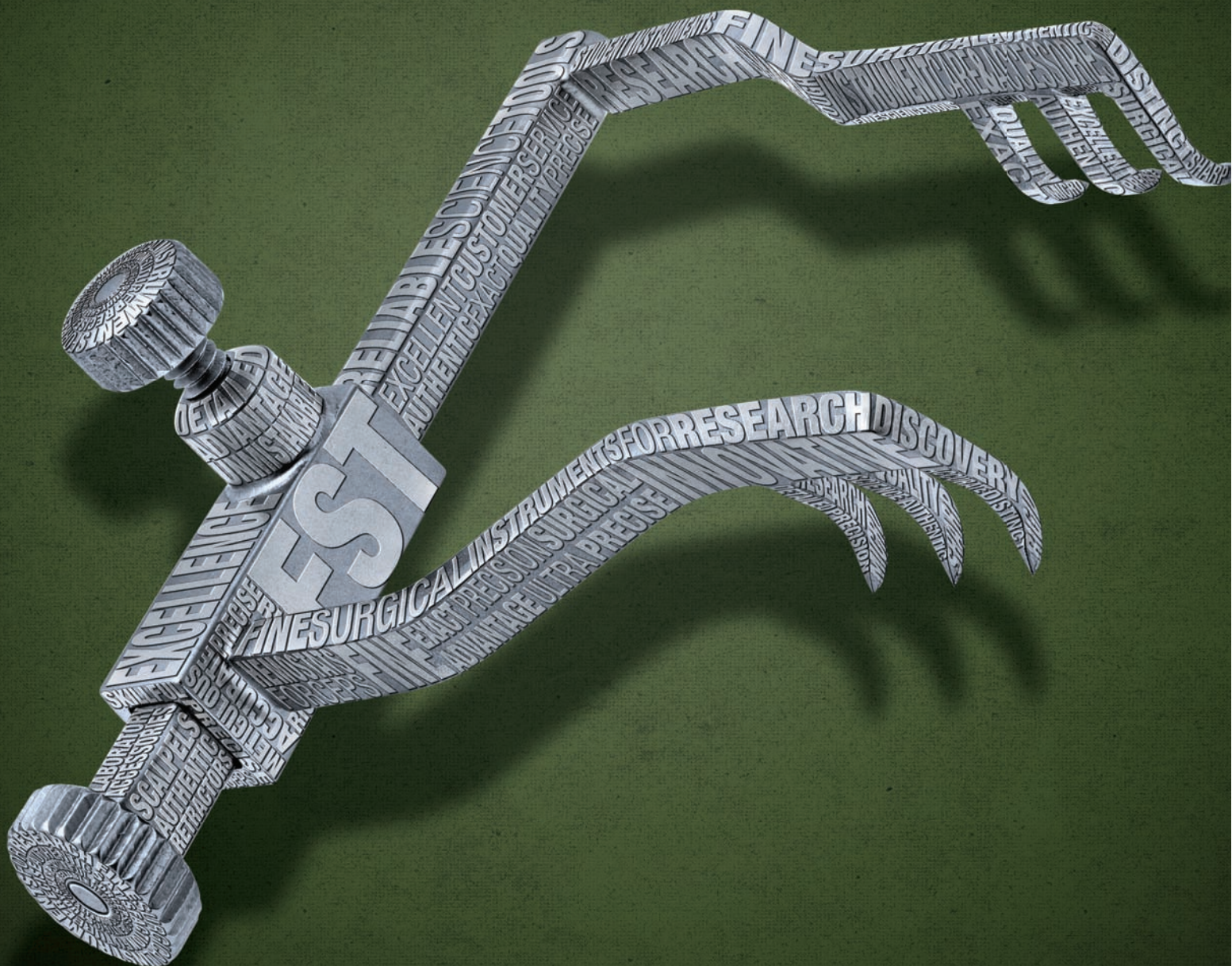


F · S · T[®]

FINE SCIENCE TOOLS

Excellent Customer Service Is Part of Every Instrument We Sell

If, for any reason, you are not completely satisfied with your purchase you may return it for a full refund. You deserve the best instruments, the most competitive prices, and you should always be satisfied with your purchase.



FINE SURGICAL INSTRUMENTS FOR RESEARCH[™]

Visit us at finescience.com or call 800 521 2109



NEW! BIOPSY PUNCHES, FORCEPS & TOOLS FOR NEUROSCIENCE



Brain & Tissue Matrices

- Coronal or sagittal sectioning
- Section thickness 0.1, 1.0, 2.0mm
- Variety of stainless steel & acrylic styles available



NEW Biopsy Punches

- Sterile packaging
- Styles available with and without plunger
- Tip sizes 1.0 – 8.0mm
- 3.5" x 5.5" self-healing cutting mats available



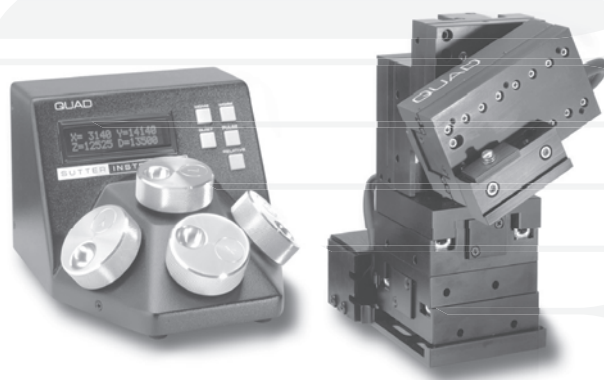
NEW Surgical & Dissection Tools

- Stainless steel, high quality, affordable
- Smooth & serrated tipped forceps
- Dissectors/elevators for brain dissection
- Multiple configuration bone cutters
- Autoclavable

QUAD™

Four-Axis Micromanipulator System

QUAD™, the newest Sutter Instrument motorized micromanipulator, is easy-to use and features four independent axes. Three axes provide the X, Y, Z-orthogonal motion typical of most motorized micromanipulators. In the QUAD, Sutter introduces a true fourth axis to move the electrode coaxially at exactly the desired angle of approach. The X, Y and Z axes have a 25 mm range of motion, and the fourth, diagonal axis, has 30mm of travel to significantly extend the reach of the system.



FEATURES

- Four independent axes – 30mm travel in diagonal for coaxial pipette movement, 25mm travel in X, Y and Z
- Sub-micron resolution
- True diagonal assures coaxial movement
- Suited for in vivo electrophysiological recording
- Quiet mode eliminates electrical noise
- User-friendly, fanless compact controller with ROE preserves bench space
- Push button control for multiple functions – Work, Home, Quiet, Pulse and Relative
- Robotic Home and Work position moves for easy automated pipette exchange

SUTTER INSTRUMENT

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

Automatic Membership Renewal Now Available



**SOCIETY for
NEUROSCIENCE**

Sign Up for Automatic Membership Renewal

- **Save time** — Lessen your to-do list
- **Go green** — Eliminate paper invoices and their impact on the environment
- **Uninterrupted membership** — Never miss an issue of *The Journal of Neuroscience* or any of your valuable member benefits
- **Bonus Day** — Ensure access to your choice of prime housing for the annual meeting before the opening of advance member registration
- **Support the field** — Know your dues enhance professional development initiatives, public outreach, advocacy, and more

**Sign up today and you
are entered for multiple
chances to win a \$250
Amazon® gift card!**

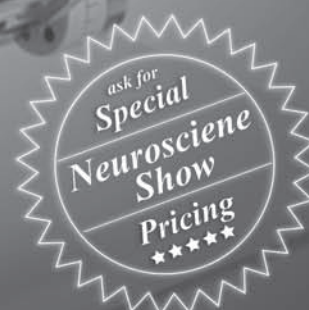
Sign up through “My SfN” at SfN.org

LIFE SCIENCES RESEARCH TOOLS

DESIGNED
BY SCIENTISTS
FOR
SCIENTISTS



SAS-4100
shown with
optional Digital
Readout



PRA-2000-MM



Patented Animal Management System
for Pre-Clinical Imaging

RBM-2000C



"The Original" Patented
Rodent Brain Matrices

EH-600



Stimulating Electrode Holder

P-5



Patented Multi-Barrel Pipettes for
Electrophoresis and Cellular Injections

ASI Instruments.
**The company that Designs and
Manufactures world class
instruments** for the Life Science
and Biomedical Research
Community.

- ✓ Products that solve real problems in real research
- ✓ Products that set trends with an innovative, patented line
- ✓ Products that have earned the respect of the world's most demanding labs

Visit us at asi-instruments.com to view our complete instrumentation line.



Who's on *NeurOnline*?

Emanuel DiCicco-Bloom
SfN Public Education and
Communication Committee Member
Robert Wood Johnson Medical School



Emma Duerden
SfN 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 an 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, nearly 42,000 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.

neuroonline.SfN.org



**SOCIETY *for*
NEUROSCIENCE**



Give to the Friends of SfN Fund

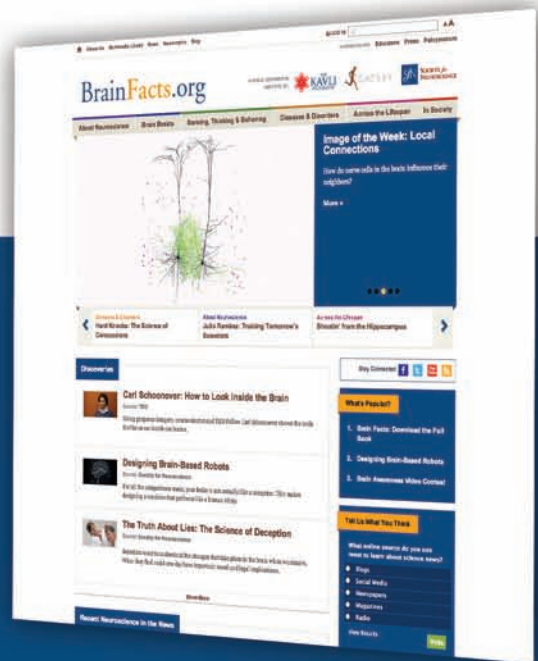
Join us in forging the future of neuroscience

Support a future of discovery and progress
through travel awards and public education
and outreach programs.

To inquire about specific initiatives or to make a tax-deductible
contribution, visit SfN.org or email: development@sfn.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*

DEPARTMENT OF HEALTH AND HUMAN SERVICES

NATIONAL INSTITUTES OF HEALTH

Vacancy Announcement

Director

National Institute of Neurological Disorders and Stroke

POSITION: The National Institutes of Health (NIH) is seeking exceptional candidates for the important position of Director, National Institute of Neurological Disorders and Stroke (NINDS). This is a senior position with responsibilities focused on basic, clinical, and epidemiological research, research training, and information programs on the hundreds of individually identified neurological disorders which afflict more than 50 million people. The roster of diseases includes those that can attach in childhood through the lifetime spectrum of those that afflict seniors. Diseases and disorders may be acute, such as stroke, or chronic, such as epilepsy, autism, and Parkinson's disease. The effects of these diseases and disorders result in a burden in the billions of dollars and have repercussions for health care costs into the future.

The mission of NINDS is to seek fundamental knowledge about the brain and nervous system and to use that knowledge to reduce the burden of neurological disease by better understanding, diagnosis, treatment, and prevention. The NINDS has a staff of approximately 1,250 employees including full-time equivalency positions, training positions, contractors, volunteers, and guest researchers. The current annual budget is \$1.6B.

This position offers a unique and exciting opportunity for an exceptional leader to serve as the chief visionary for NINDS and lead all aspects of this highly complex organization. The Director actively engages others to create a shared vision of the purpose and direction of the NINDS and works collaboratively within NINDS, across the NIH, and with external entities to generate, gain commitment for and accomplish organizational goals. He/she serves as the principal advisor to the NIH Director, and indirectly to all NIH leadership, about the broad area encompassed by neurological science (fundamental neurosciences, neurological disorders, and stroke and central nervous system trauma). The Director reports directly to the NIH Director, and is regarded as NIH's overall programmatic leader in neurological science. The incumbent provides a vision for the utilization and extraction of knowledge from the data generated by and relevant to NIH research, and advises experts throughout the agency on a variety of complex, unique, and/or sensitive situations and issues to ensure continual achievement of NIH's dynamic biomedical research mission. The Director plays the leading role, on behalf of NIH, in coordinating and collaborating with appropriate government agencies, other funding agencies, and private organizations involved in scientific, management, and analysis, including extensive interactions with stakeholders in the research community and experts in the private sector.

LOCATION: Bethesda, MD (NIH Main Campus)

QUALIFICATIONS REQUIRED: Applicants must possess a Ph.D., M.D., or comparable doctorate degree in a field of health science plus senior-level scientific experience and knowledge of research programs in one or more areas related to neuroscience research. The individual should be known and respected, both nationally and internationally, within their profession as someone of scientific prominence, with a distinguished record of research accomplishments and leadership credentials. They should have demonstrated leadership and broad visionary capabilities in the research arena, with demonstrated ability to engage others to create and execute an organization's vision; to navigate successfully within and collaborate across the public sector to achieve research objectives; and to optimize organizational performance by developing strategic priorities, setting and communicating clearly defined expectations, promoting accountability for results, and resolving operational problems and issues. Candidates should have demonstrated management acumen, including identification and management of financial and human resource needs; proven ability to make complex and strategic decisions to optimize resource usage, mitigate risks, and achieve desired results; and, the ability to build, mentor, motivate, and maintain a culturally diverse staff.

SALARY/BENEFITS: The Director, NINDS, will be appointed at a salary commensurate with his/her qualifications. Full Federal benefits will be provided, including vacation, health and life insurance, long-term care insurance, retirement, and savings plan (401k equivalent).

HOW TO APPLY: Applicants must submit a current CV and bibliography electronically to Ms. Regina Reiter at SeniorRe@od.nih.gov (301-402-1130). *In addition*, applicants must also submit a supplemental narrative statement that addresses the qualifications requirements (not to exceed a total of two pages), a vision statement (not to exceed a total of two pages), and provide the names, titles, email addresses, and telephone numbers of 4- 5 references.

Information about the **National Institutes of Health** is located at its website (<http://www.nih.gov/>).

The NIH encourages the application and nomination of qualified women, minorities, and individuals with disabilities.

Standards of Conduct/Financial Disclosure: The National Institutes of Health inspires public confidence in our science by maintaining high ethical principles. NIH employees are subject to Federal government-wide regulations and statutes as well as agency-specific regulations described at the NIH Ethics website (<http://ethics.od.nih.gov/>). We encourage you to review this information. The position requires the incumbent to complete a public financial disclosure report prior to the effective date of the appointment.

Selection for this position will be based solely on merit, with no discrimination for non-merit reasons such as race, color, religion, gender, sexual orientation, national origin, political affiliation, marital status, disability, age, or membership or non-membership in an employee organization.

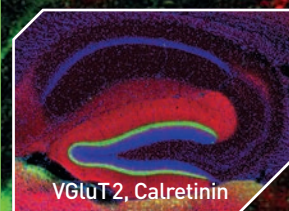
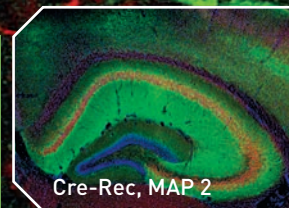
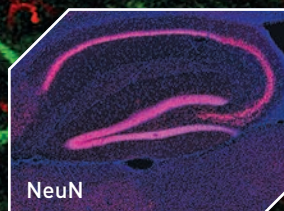
Reasonable Accommodation: NIH provides reasonable accommodations to applicants with disabilities. If you require reasonable accommodation during any part of the application and hiring process, please notify us. The decision on granting reasonable accommodation will be made on a case-by-case basis.

Applications must be received by 11:59 p.m. ET, December 8, 2014.

DHHS/NIH IS AN EQUAL OPPORTUNITY EMPLOYER

NN253640R

■ GFAP ■ IBA 1



WE MADE THEM, WE KNOW THEM:

Tailor-made antibodies for the neuroscientist.

We offer a large collection of well characterized antibodies against neuroscience related proteins. Most of our antibodies are exclusively available at Synaptic Systems and have been developed in-house in close collaboration with reknown experts in the field. Purchase your antibodies directly from the manufacturer and benefit from our experience and expertise.

www.sysy.com

SY SY
Synaptic Systems



“The set up and use of the bath and tray are wonderful. The lighting is particularly terrific and better than other slicers we own and use.”

Charles K. Meshul, Ph.D. Professor, Department of Behavioral Neuroscience and Pathology OHSU



PELCO easiSlicer™

The new standard in vibratory tissue slicing has arrived.

- Precision design for accurate, high quality sections with minimal z-axis vibration.
- Affordable pricing; fully assembled and ready to use.
- Novel bath and tray design affords easy cleaning and ease of use.
- Magnifier/lamp offers bright white LED lighting with high and low settings and can be moved out of the viewing path.

TOP: EB+GFAP+DAPI - 50µm - P. Nahirney - UVic, B.C. MIDDLE: Cresyl Violet 50µm (Center) - C. Meshul - Portland VAMC BOTTOM: EB+GFAP+DAPI - 50µm - P. Nahirney - UVic, B.C.

**T
A
K
E
A
C
L
O
S
E
R
L
O
O
K**
**TIMING ERROR
MEANS YOUR STUDY
MAY NOT BE WORKING
AS YOU INTENDED CAUSING
SPURIOUS RESULTS. GUARANTEE
YOUR ABILITY TO REPLICATE:
QUICKLY AND EASILY CHECK YOUR
OWN ACCURACY. WORKS WITH ANY
COMPUTER-BASED STUDY, EEG, FMRI OR EYE TRACKER.**



Serious about science: Serious about timing

The Black Box ToolKit