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The newly formed **NYU Neuroscience Institute** at NYU Langone Medical Center is seeking full time Assistant or Associate Professors to join its research and training programs examining neural systems through various approaches. Successful candidates will become part of a collaborative enterprise of neuroscientists distributed across the NYU School of Medicine and the Faculty of Arts and Sciences, including the faculty at the Nathan Kline Institute and the Center for Neural Science. A PhD in Biological Sciences is preferred.

The Institute encompasses an interactive research community with a wide range of neuroscience disciplines including developmental genetics, molecular, systems, behavioral, and clinical neuroscience. Further information about the Institute can be found at our web site http://neuroscience.med.nyu.edu/.

Interested and qualified candidates should submit a cover letter, curriculum vitae, and names, addresses, emails and phone numbers of three references in one PDF to: Andrea Hines - Executive Assistant to the Director - Email: andrea.hines@nyumc.org. We are an equal opportunity employer.

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**Faculty Position in Systems Neuroscience**
Northwestern University Feinberg School of Medicine
Department of Physiology

A tenure-track position is open for a full-time faculty researcher (PhD, MD/PhD or MD) in systems neuroscience. Applicants should have an outstanding record of research in systems neuroscience that adds to existing departmental strengths in sensorimotor integration, pain perception, and learning and memory. Individuals using animal models and innovative experimental techniques including multi-electrode recordings or optical imaging, as well as advanced computational methods are particularly encouraged to apply, but the scientific excellence of the candidate is more important than the particular area of research. Rank is open. All applicants should have substantial peer-reviewed publications that demonstrate research productivity and the ability to perform cutting edge research. Candidates for an Assistant Professor position should have postdoctoral research experience. Candidates seeking appointment at the Associate Professor or Full Professor level should have substantial research productivity and a history of grant support and academic service. The successful applicant will also have the opportunity to participate in graduate and medical education. Starting date is negotiable.

Applicants should send (single PDF) a cover letter, CV, a two-page description of research accomplishments and plans, and contact information for three references by email to neuroscience@northwestern.edu

Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.
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Our objectives are achieved through:

Research: Dedicated to understanding the use and impacts of neuroscience and technology, as related to ethical, legal and social issues.

Symposia/Conferences:
- Capital Consortium for Neuroscience: Ethical, Legal and Social Issues (www.ccnelsi.com) presents and examines new developments in neuroscience, as they pertain to the philosophy of mind, philosophy of science, and neuroethical issues in research, medicine and the social sphere.

Briefings: Inform policy-makers and agency personnel on emerging scientific, ethical, legal and social issues related to the development and implementation of neuroscience and neurotechnology.

Publications: Our scholars publish widely on issues related to neuroscience, neurotechnology and neuroethics in monographs, books, specialized journals, and the popular press, contributing to productive scholarly and public discourse.

The Center for Neurotechnology Studies:
- Provides neutral, in-depth analyses of matters at the intersection of neuroscience, technology, neuroethics and public policy.
- Studies the uses and implications of neuroscience and neurotechnology in medicine, public life, and national security and defense.
- Provides a forum for reasoned consideration of issues by subject area experts and the public.
- Cultivates and stewards knowledge focusing upon the implications of neuroscience and neurotechnology through ongoing engagement of the academic, administrative, entrepreneurial, regulatory, legislative and judicial sectors.
- Provides authoritative counsel to government agencies, and in this way serves as a resource for expertise in the sciences, ethics, law and social policy.
- Collaborates with national and international academic institutes on cutting-edge developments and issues in neuroscience and neurotechnology.
- Encourages research collaboration and visiting scholars with aligned interests. Information and applications are available by contacting the Director.

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Two Professors in Medical Image Analysis

Two full time positions are available, both placed at the Research and development platform MedTech West. Administratively placed at Chalmers University of Technology and University of Gothenburg. The duties of the positions include research, teaching and supervision.

For further information about the positions and how to apply, please visit Vacancies at www.chalmers.se

The Region Västra Götaland, Sweden, has initiated the Regional Imaging and Intervention Centre, to be opened in 2015 at Sahlgrenska University Hospital, Gothenburg. The advertised positions should be viewed in this context as a centre of this kind depends on advanced and cutting edge imaging technologies and techniques.

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.
Live demonstrations at the INCF booth #3211 at SfN 2011 in Washington DC!

**Sunday, November 13**

**morning (09:30 - 12:30)**
- NineML web app: a web interface for verification and testing of models expressed in the Network Interchange for Neuroscience ML
  - Nikolic D, Sandström M, and the INCF Multiscale Modeling Task Force
- A simple tool for data sharing and quality control
  - Haselgrove C, and the INCF Neuroimaging Datasharing Task Force

**afternoon (13:30 - 16:30)**
- New developments in ModelDB
  - Morse TM, Wang R, Marensco L, Carnevale NT, Hines ML, Shepherd GM
- Recent advances at the Neuroimaging Platform, the Invertebrate Brain Platform, the Simulation Platform and the integration framework PLATO from the INCF Japan Node
  - Nota Y, Terufumi F, Kannon T, Okumura Y, Usui S

**Monday, November 14**

**morning (09:30 - 12:30)**
- Solutions for Electrophysiology Data Management at the German INCF Node
  - Sobolev A, Wachtler T
- CRCNS.org - A resource for collaborative research in computational neuroscience
  - Teeters J, Sommer F

**afternoon (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
- Data Management, Information Integration, Knowledge Engineering and Workflow tools for Neuroinformatics from the Biomedical Informatics Research Network (BIRN)
  - Dinov I, Chervenak A, Schuler R, Ambiente JL, Turner J, Burns GAPC

**Tuesday, November 15**

**morning (09:30 - 12:30)**
- Walk-in Registration Clinic: Bringing your images into the INCF Waxholm Space Atlassing Infrastructure
  - Zaslavsky I, Gee J, Ibanez L
- Landmarks of the mouse brain: anchor points for robust 3D data registration to the Waxholm standard mouse atlas, and their representation in the Scalable Brain Atlas
  - Sergejeva M, Bakker R, Hess A

**afternoon (13:30 - 16:30)**
- Walk-in Registration Clinic: Bringing your images into the INCF Waxholm Space Atlassing Infrastructure (ct.)
  - Zaslavsky I, Gee J, Ibanez L
- 3D Brain Atlas Reconstructor and Scalable Brain Atlas: open source web-based infrastructure for brain atlas reconstruction and visualization
  - Wójcik DK, Bezgin G, Majka P, Kowalski JM, Kublik E, Bakker R

**Wednesday, November 16**

**morning (09:30 - 12:30)**
- Neuroinformatics Poster Session (#841) in Hall A-C
  - (no demonstrations scheduled)

**afternoon (13:30 - 16:30)**
- Open Mini-Hackathon
  - Developers are welcome to join us for on-site coding and discussion

**Satellite event - November 12**

**Neuroshare Revisited, 6:30-10:00 PM, Room 209B**
Walter E. Washington Convention Center
Registration required at neuroshare@incf.org

**Social event - November 13**

**Neuroinformatics & Genomics Social, 6:45-8:45 PM, Renaissance 12 - 14**
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.

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