



PhD/Postdoctoral Research Position Molecular Cell Biology/Nanoscopy in Alzheimer's disease research

Description

The department of Molecular and Developmental Genetics (VIB-KULeuven), headed by Prof. Bart De Strooper, is a vibrant and international research centre where key issues relevant for the major human health challenges are tackled. The laboratory for Membrane Trafficking (Prof. Wim Annaert) studies the assembly and localization of γ -secretase, a tetrameric enzyme complex critically involved in the pathogenesis of Alzheimer's disease. The two homologous presenilins - the catalytic subunit of γ -secretase - and the several isoforms of the structural subunit Aph1 give rise to distinctly composed complexes. The project will be focused on the cell biology of this complex heterogeneity and how this may underlie substrate and/or cleavage specificity. Specifically, we aim to unravel the regulatory mechanisms determining the sorting, endosomal localization and nanodomain association of distinct complexes vs substrates in cells and primary hippocampal neurons using the most upfront technologies in molecular biology and nanoscopy.

Profile

We seek an ambitious PhD or postdoctoral fellow to implement superresolution confocal imaging (PALM) in our Alzheimer's disease research program. Candidates should have already a track record in confocal imaging or related techniques with substantial insights in molecular cell biology. Experience in superresolution microscopy or being passionate about imaging is an advantage. Further on-site training in PALM microscopy is assured through a collaboration with Prof. Johan Hofkens (Sciences & Technology, Laboratory of Molecular & Nanomaterials, KULeuven). The ability to work in a multidisciplinary research team as well as effective communication skills and a good mastery of the English language are essential for a successful selection.

Offer

Financial support is available but the successful candidate is encouraged to obtain an independent fellowship (Marie-Curie, EMBO, or National funding organizations) during this time.

How to apply?

Application (letter of motivation), CV and contact information for three references should be sent to wim.annaert@cme.vib-kuleuven.be

Profile and selected papers of the Annaert lab can be found on: <http://www.vib.be/en/research/scientists/Pages/Wim-Annaert-Lab.aspx>

W218222R



HARVARD UNIVERSITY

CENTER FOR BRAIN SCIENCE FACULTY POSITION

The Center for Brain Science is seeking an Assistant Professor who works in the area of systems neuroscience, broadly construed. We are particularly interested in candidates whose research programs apply novel experimental and computational approaches to the study of the structure and function of neural circuits and their relationship to behavior. Successful candidates will hold an academic appointment in a science department in the Faculty of Arts and Sciences at Harvard University.

The Center for Brain Science brings together scientists involved in research on systems neuroscience. Our aims include discovering and understanding the neural circuits that underlie behavior in diverse animal species. CBS fosters interactions across disciplinary boundaries—faculty from several academic departments share neighboring research and meeting space and common research facilities; its connections reach out across the University. Further information about the Center for Brain Science is available at <http://cbs.fas.harvard.edu/>.

Candidates should have demonstrated excellence in both research and teaching. A strong doctoral record is required and postdoctoral experience preferred. Teaching opportunities will include offerings at both undergraduate and graduate levels.

To apply, please submit a cover letter, curriculum vitae, research statement, statement of teaching philosophy, up to three publications, and contact information for three people who will write letters of reference on your behalf to <http://academicpositions.harvard.edu/postings/3718>. Your application, including letters of reference, should be complete by 28 November 2011.

Applications from, or nominations of, women and minority candidates are strongly encouraged. Harvard University is an Affirmative Action/Equal Opportunity Employer.

NW218004R



The Centre for Integrative Neuroscience and Neurodynamics (CINN)

CINN, a dynamic multidisciplinary centre located near London, brings together experts from psychology, engineering, mathematics, linguistics, pharmacy and industry. It has attracted over £4 million in research funding in its first three years.

CINN has a research-dedicated 3T Siemens Trio MRI scanner, with built-in eye-tracking and psychophysiology, and state-of-the-art TMS, EEG, and psychophysiology labs, along with excellent computational facilities. Please see www.reading.ac.uk/cinn for more information about our research and our multidisciplinary MSc and PhD programmes.

Postdoctoral opportunities x 2

CINN at the University of Reading, UK, is currently advertising two postdoctoral positions in its Psychopathology and Affective Neurosciences Group.

Dr Bhisma Chakrabarti has a two year postdoctoral position available focusing on reward and empathy in individuals with and without autism.

Dr Tom Johnstone has a postdoctoral position available examining the top-down regulation of emotion.

Both positions involve the novel application of a range of brain imaging and physiological measures. You can find a full job description at www.reading.ac.uk/cinn/jobs.

Both Dr Chakrabarti and Dr Johnstone will be in attendance at the annual SFN meeting and will be happy to talk to potential candidates.



www.reading.ac.uk/cinn

U218210R



LABORATORY DIRECTOR Neuroscience and Aging Research Laboratory

The Jean Mayer USDA Human Nutrition Research Center on Aging (HNRCA) at Tufts University (<http://www.hnrca.tufts.edu/>) is seeking applications for the position of Laboratory Director of the Neuroscience and Aging Research Laboratory. This position is part of a major initiative to enhance existing strengths in neuroscience at both the HNRCA and Tufts University as the impact of nutrition on the brain in the aging process is the HNRCA's number one scientific priority for 2011-2015. In addition, the HNRCA is working with the Tufts Neuroscience Institute (http://provost.tufts.edu/1263392126172/Provost-Page-prov2w_1308056443258.html) and the Tufts Center for Neuroscience Research (CNR) (<http://www.tufts.edu/sackler/neuroscience/CNR/index.html>) to support neuroscience research efforts and to promote collaborative interactions among neuroscientists at Tufts University and its affiliated hospitals.

Applicants must have a M.D. and/or Ph.D., with an established record of publications and funding in translational research related to neuroscience appropriate for appointment at the equivalent rank of Associate Professor or Professor. Applicants must also have a strong record of scientific leadership, ability to lead a multi-disciplinary team of investigators, and ability to build upon and expand rich collaborative activities with other research teams. Preference will be given to applicants working in the area of brain aging. Successful applicants will be individuals who will take advantage of the interdisciplinary collaborative research opportunities at the HNRCA, Tufts University, and the USDA.

Applicants should submit a letter of application, curriculum vitae, statement of research interest and leadership vision, and names of four professional references to Dr. Sarah Booth at sarah.booth@tufts.edu with the subject line "Neuroscience Search". Review of applications will begin October 1, 2011, and will continue until the position is filled.

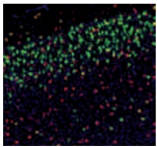
Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

NW217956R

COME WORK FOR US

The Allen Institute for Brain Science is dedicated to accelerating understanding of how the human brain works. Through a product-focused approach, we generate innovative public resources and drive technological and analytical advances that provide new ways to address questions about the brain in health and disease. Our work and efforts are intended to fuel discovery for the broader scientific community worldwide.

We are currently expanding our team and require talented scientists who have an entrepreneurial spirit, are strong individual contributors and thrive as part of a multidisciplinary team.



CURRENT OPENINGS

We are expanding and diversifying our programs, continuing our practice of leveraging leading-edge technologies for large-scale projects that result in innovative resources for the scientific community.

Post-Doctoral Fellowships

We are seeking a group of exceptional post-doctoral fellows with Ph.D.s in neurobiology, physics or engineering who can work as part of a Seattle-based team in the following areas: computational modeling of neuronal circuits, *in vitro* electrophysiology, *in vivo* electrophysiology and calcium imaging, EM and other anatomical techniques. These scientists will work on a large-scale, multi-year project.

Senior Analyst - Electrophysiology

We are seeking experienced candidates with a Ph.D. in a biological life science or related discipline to act as a lead scientist in developing state-of-the-art *in vitro* and/or *in vivo* electrophysiological systems to investigate the properties of different neuronal cell types, their interconnections and their roles in circuit function.

QA Engineer

We are seeking an experienced QA Engineer to join our team, which is responsible for testing all aspects of our applications and databases. The QA Engineer is responsible for documenting the applications to increase the efficiency of all testing-related efforts, performing all required white box, gray box and black box testing, and automating much of this testing.

Associate Director - Computational Biology

We are seeking an experienced analyst and leader to be an essential part of the core team responsible for our cell networks project. His/her primary responsibility will be to develop and lead a team of professionals to analyze, model and visualize large “omics” datasets, including deep sequencing, high content image analysis and proteomics. This individual must be exceptionally innovative and creative and have a solid grasp of the theoretical aspects of systems theory and network biology. He/she will also help drive external scientific review and vetting of project goals and assist in identifying and managing key technology and collaborative partnerships.

Senior Analyst - Modeling

We are seeking experienced candidates with a Ph.D. in a physics, engineering or a computational discipline to act as a lead scientist in developing a state-of-the-art brain modeling facility for following the dynamics of very large numbers of identifiable neurons, interconnected in very specific ways, and to compare these models against electrophysiological recordings, calcium imaging and behavior provided by high-throughput, in-house observatories.

The Allen Institute for Brain Science is located in Seattle, WA - the jewel of the beautiful Pacific Northwest. We offer competitive salaries, an excellent benefits program and a relocation program.

For more information about these exciting opportunities and to apply, visit www.alleninstitute.org and click on “Careers” link.

The Allen Institute is an equal opportunity employer.



Faculty Positions in Neuroscience

The Department of Neuroscience (www.neurosci.tufts.edu) at Tufts University School of Medicine is expanding by adding tenure-track faculty positions. Positions are available at **Assistant, Associate and Full Professor** levels. The department will build on its core strengths and focus on the study of synapses, disorders of the nervous system and neuron-glia interactions. We are particularly interested in building on our research that is relevant to epilepsy, depression, neurodegenerative disorders and the neurobiology of obesity. We are seeking candidates who use innovative approaches to investigate problems that cross levels of investigation from molecular and cellular to systems and/or behavioral neuroscience. Candidates using molecular, genetic, electrophysiological and/or imaging methodologies to study neurons, synapses and networks are particularly encouraged to apply. We offer generous start-up packages, newly renovated laboratory space and a highly collaborative environment offering opportunities for both basic and translational research.

Applicants should hold a Ph.D. and/or M.D. degree and have several years of productive postdoctoral experience. Successful candidates will be expected to develop thriving, well-funded research programs and to contribute to graduate and medical education. Please submit electronic applications including a CV, a statement of research interests and the names and email addresses of at least three references to: neurosci-facultyrecruitment@tufts.edu.

TUSM is an Equal Opportunity Affirmative Action Employer. Women and minorities are encouraged to apply.

NW217359R

Neuroscience
at Karolinska Institutet

New web-site: ki.se/neuroscience
(open from 15 November 2011)

W218144R



UNIVERSITY OF HELSINKI

DIRECTOR

The Neuroscience Center (NC), Helsinki, is an independent research and educational institute (see <http://www.helsinki.fi/neurosci>). Research and teaching in molecular and cellular neuroscience, developmental neuroscience, cognitive and systems neuroscience and basic research of the nervous system diseases. Comprising 16 research groups and 150 staff members. 2011 budget: €4.7 million. Mouse behavioural, zebrafish & neuronal cell culture core facility units.

5 year renewable term position starting January 1, 2013.

Manage & supervise the NC's activities and finances & participate in its scientific activities. Start-up funding is negotiable. Do you have the ability and drive to work for the benefit of the NC and the neuroscience community?

Application deadline: November 30, 2011.

View full details online at:

<http://www.nature.com/naturejobs/science/jobs/224889>

W218121R



Neuroscience Faculty Recruitment

The Department of Neuroscience at Columbia University is now recruiting faculty in two broad areas of neuroscience. We are interested in investigators who: 1. Analyze motor and cognitive processes in awake, non-human primates; or 2. Use molecular and cellular approaches to study the development or function of neural circuitry in genetically tractable model systems. We encourage applications for positions at all levels, from Assistant to full Professor.

Columbia University has an exceptionally strong and broad program in the neurosciences and aims to enhance interactions between basic and clinical research, and to link the neurosciences with other scientific disciplines within the University. New faculty will be affiliated with the Department of Neuroscience, and with the Doctoral Program in Neurobiology and Behavior. There are many opportunities for interaction with other scientific departments and programs at the Medical Center and Morningside Heights campuses.

Applications must be received by November 30th, 2011 and should be submitted online at <https://academicjobs.columbia.edu/applicants/Central?quickFind=55356>. Please include a curriculum vitae, cover letter, statement of research interests, and three letters of reference.

Columbia University takes affirmative action to ensure equal opportunity.

NW217038R

Faculty Position in Systems Neuroscience

Department of Physiology Northwestern University Feinberg School of Medicine

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 (as a single PDF) a cover letter, curriculum vitae, a two-page description of research accomplishments and plans, and the name 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.

NW218137R



Post-Doctoral Fellowship Programme: **UCB seeking world-class post docs to lead pioneering research projects.**

UCB, a global biopharmaceutical leader focusing on central nervous system and immunological disorders, is currently seeking industry-leading scientists to join our post doctoral programme based at research centres in Belgium and the UK*.

UCB is a patient-centric biopharmaceutical company dedicated to the research, development and commercialization of innovative medicines. Already the leader in epilepsy, UCB is committed to providing novel solutions for people with severe conditions such as Parkinson's disease, rheumatoid arthritis, and restless legs syndrome. Employing more than 8,500 people in over 40 countries, UCB produced revenues of € 3.2 billion in 2010. UCB NewMedicines is UCB's discovery research to clinical proof-of-concept organization charged with building a prolific pipeline of differentiated molecules by channeling exquisite science for industry-beating performance.

Our research centres are home to a wealth of internal skills and experience in our chosen therapeutic areas, allied to unique and proprietary technology platforms. Our networks with leading global academic and industrial partners ensure access to novel technologies, targets and collaborative services. Our intellectual and scientific capability is evidenced not only by our record of proven delivery of drugs to patients but also by our scientists having published work in leading journals.

We are seeking post docs with expertise in one or more of the following:

immunology; neurobiology; Parkinson's Disease; immunohistochemistry; molecular and cell biology; computer and mathematical modelling; mass spectrometry; cell signalling; siRNA; synthetic organic chemistry.



"There's a true focus on high quality fundamental scientific research. We have an excellent supportive mentor and the working environment is positive and dynamic, with ongoing opportunities to collaborate and swap new ideas with people from various departments."

Manuela, UCB post doc scientist



"Scientific challenges from my UCB colleagues enhanced my creative thinking, and I have amassed information on broad areas of expertise, including drug discovery and the clinical perspective of scientific research. My experience at UCB has certainly broadened my career options."

Gaurav, UCB post doc scientist



Slough (UK)



Braine-l'Alleud (Belgium)

If you want to develop your career with an innovative biopharmaceutical company and contribute to our outstanding record of achievement please view the post-doctoral opportunities available through our 2012 programme. Further details on the specific projects for which we are recruiting and details of how to apply are available at: <http://www.ucb.com/rd/post-doctoral-programme>

*Brussels (BE) and Slough (UK)

KING'S
College
LONDON

University of London



**Institute of
Psychiatry**

at The Maudsley

Clinical Neuroscience at King's College London

The Department of Clinical Neuroscience is an internationally recognised centre of research and teaching excellence comprising clinicians and scientists dedicated to improving the care of people with neurological disorders. The department is situated at the Institute of Psychiatry, a School of King's College London, recognised as having the highest research power of any UK institution within the areas of psychiatry, neuroscience and clinical psychology by the 2008 Research Assessment Exercise.

Our research facilities will be greatly enhanced with the opening in 2013 of the Maurice Wohl Clinical Neuroscience Institute which will house 250 researchers and be equipped with cutting edge technologies. There has never been a more exciting time to be involved in Clinical Neuroscience at King's.

Hosting the Medical Research Council Centre for Neurodegeneration Research, we are exploring the causes of and cure for neurodegenerative conditions. We have ambitious programmes in Epilepsy, Experimental Neurology, Population Neurology, Stroke, and Brain Injury. Key to our future is King's Health Partners, which links us with three large university

hospitals in one of only five Academic Health Sciences Centres in the UK. We have one of the world's largest collections of DNA, plasma and brain tissues from a wide range of neurodegenerative disorders. We are internationally leading in Clinical Informatics, benefiting from substantial funding for two National Institute for Health Research Biomedical Research Centres at King's. These resources support innovative translational studies and novel first-in-man therapies aimed at driving forward the experimental medicine agenda.

OPPORTUNITIES FOR RESEARCHERS

- MSc programmes in Epilepsy and Clinical Neuroscience
- PhD studentships in Neuroscience. Deadline 14th November 2011 www.kcl.ac.uk/iop/research/pgr/phdstudentships/neuroscience.aspx
- Postdoctoral fellowship in bioinformatics, genetics and genomics www.kcl.ac.uk/iop/about/opportunities.aspx
- Upcoming senior faculty level appointments in neurodegeneration, stroke and neurotrauma

For further information, please contact Dr Shabih Syed, Research Coordinator shabih-e-hassnain.syed@kcl.ac.uk

 KING'S HEALTH PARTNERS

Pioneering better health for all

U218201R

Chair and Professor Department of Neurosciences Case Western Reserve University



SCHOOL OF MEDICINE

CASE WESTERN RESERVE
UNIVERSITY

The School of Medicine at Case Western Reserve University invites applications and nominations for the position of Chair of the Department of Neurosciences. This distinguished department was established in 1989 and has been led by two eminent Neuroscientists, Story Landis and Lynn Landmesser. It includes 16 primary faculty members who span broad areas of neuroscience, including developmental and molecular neurobiology, cellular neurobiology and systems level studies of neural circuits and their relation to behavior. In addition to strong basic science, research programs are addressing causes and therapies related to spinal cord injury, stroke, Alzheimer's disease, Rett syndrome, and multiple sclerosis. The department has an outstanding graduate program, continuously supported by NIH since its founding. Broad interdisciplinary training is provided by more than 40 participating faculty from 15 departments. Further growth and enhancement of the department under the new chair will be supported by an attractive recruitment package.

Thirty secondary faculty members from both basic and clinical departments participate in collaborative research and training programs. To promote collaborative research, the Center for Translational Neuroscience occupies space contiguous with the Department and houses faculty from other departments engaged in neuroscience research. The unified campus at CWRU facilitates collaborative interactions between neuroscientists in the Schools of Medicine, Engineering and Arts and Sciences, and with researchers in nearby affiliated hospitals. Research missions are supported by excellent core facilities (behavioral testing, whole animal imaging, confocal/multiphoton imaging, structural biology, proteomics and others) and a recently expanded and renovated animal facility, including a state-of-the-art transgenic facility.

Applicants for this position must have a Ph.D. and/or an M.D. degree with a distinguished record of scientific achievement, demonstrated leadership skills, dedication to the research mission, and a commitment to education and mentorship of students and faculty. Appointment as Professor of Neurosciences with tenure is anticipated.

Please submit a CV and letter of interest addressing research, educational, administrative and leadership goals and vision to Neuroscience Chair Search Committee, c/o Denise Davis (Denise.Davis@case.edu).

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply.

Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

<http://neurosciences.case.edu>

NW218171R

We're looking for the **Best Minds** *to help Battelle* **Change the World**

Gordon Battelle Distinguished Post-Doctoral Fellowship in Applied Science and Technology

Battelle is seeking highly capable and motivated early career researchers in the physical and life sciences, engineering, or mathematics to help us address major challenges facing the world today.

For individuals of exceptional promise, this prestigious fellowship is an unmatched opportunity to explore a career in applied research and technology development that benefits society. Fellows will conduct research in a team environment on any of a wide range of challenges in the health and life sciences, energy and environment, national security, and/or in the underlying scientific and engineering fields and may explore related interests in technology commercialization and entrepreneurship; science and technology policy; or science, technology, engineering and mathematics education.

- **Two Positions** • **Highly Competitive Salary** • **Full Benefits**

Full details and application instructions at www.battelle.org/careers, click on **Distinguished Post-Doctoral Fellowship Program**

**APPLICATIONS DUE
FEBRUARY 1**

NW217222R



THE LUNDBECK FOUNDATION JUNIOR GROUP LEADER FELLOWSHIPS

The Lundbeck Foundation hereby invites applications for five fellowships within biomedicine and two within natural sciences which will be granted to especially promising young researchers and their research groups. Priority will be given to at least three biomedical fellowships within the Foundation's focus areas: neurology, psychiatry and allergology/immune modulation.

The fellowships are awarded for five years and each fellowship amounts to DKK 10 million (approx. Euro 1,3 million).

The subject area should be frontline basic- or applied research within the scope of the Foundation's grant strategy, which can be seen at www.lundbeckfonden.dk

The fellowships may well attract Danish or foreign researchers from abroad who wish to move to Denmark and continue their research here. The call is also open for applicants at Danish universities and university hospitals.

The fellowships are intended for seven researchers who are qualified to establish or develop their own research groups within the health- or natural sciences and who have received their Ph.D. degree within the last 5-7 years.

The application should include an account of the project's research plan, collaborators, budget and how the research group is envisioned to be placed within a Danish research institution. In addition, it should include a letter of intent from a resident researcher at the host institution, who makes him- or herself available as a mentor to facilitate the applicant's establishment of the research group as an integral part of the host institution. Further guidance is provided in the application form.

The application, written in English, should be sent via the Foundation's Electronic Application System for Junior Group Leader Fellowships 2012 at www.lundbeckfonden.dk no later than December 15., 2011.

For further information please contact Ulla Jakobsen, Science Manager at the Lundbeck Foundation, phone: (+45) 39 12 80 11 or at mail@lundbeckfonden.dk

The Lundbeck Foundation has controlling shareholdings in its subsidiaries H. Lundbeck, ALK-Abelló and Falck. In addition, the Foundation manages financial investments of approx.€ 1.3 billion. The Foundation supports research within the medical and natural sciences. In 2010, the Foundation had a profit after tax of approx. € 400 million and made research grants of approx.€ 50 million.

Lundbeckfonden
Vestagervej 17, DK-2900 Hellerup
Tel. +45 39 12 80 00
www.lundbeckfonden.dk

LUNDBECKFONDEN

W217999R

join us

School of Life Sciences

Professor/Reader in Neuroscience/ Evolutionary Biology (4 posts)

Permanent, full-time

Professor, Neuroscience Ref: 438

Professor, Evolutionary Biology Ref: 439

Reader, Neuroscience Ref: 440

Reader, Evolutionary Biology Ref: 441

The School of Life Sciences at the University of Sussex has an impressive profile across a broad range of research, ranging from chemistry, biochemistry and molecular biology, through cell biology, cancer biology and neuroscience, evolutionary and behavioural biology, to ecology and environmental science. Our research is strongly interdisciplinary, involving close collaborative activities with colleagues in other Schools and institutions.

As part of a major programme of investment, the School of Life Sciences wishes to appoint four new Professors/Readers in the general areas of Neuroscience and Evolutionary Biology. We are looking for outstanding individuals who have established internationally visible research profiles (for appointment at the Professorial level) or who show a clear trajectory to success (for appointment as Readers), have a demonstrable ability to attract appropriate research funding, and are able to complement and extend the existing research activities of the School (see <http://www.sussex.ac.uk/lifesci/research>).

In the Neurosciences we are keen to attract those with interests in synaptic function, neurodegenerative disease, learning and memory, neural development and regeneration, hearing and deafness, and the neural basis of behaviour and cognition. Applicants with an interest in genome stability and its relationship to neurological development and dysfunction are encouraged to apply.

We will consider applicants working in all areas of Evolutionary Biology, but we are especially keen to attract those with interests in social behaviour, molecular evolution, comparative genomics and the application of quantitative biology approaches.

Potential candidates are strongly encouraged to make informal contact with the Chair of the Neuroscience subject group, (Professor Guy Richardson FRS: G.P.Richardson@sussex.ac.uk), the Chair of the Evolution, Behaviour and Environment subject group (Professor Jeremy Field: j.field@sussex.ac.uk) or the Head of the School of Life Sciences, Professor Laurence Pearl FRS (Laurence.pearl@sussex.ac.uk).

Applications should be accompanied by a full CV, a statement of research interests and aspirations (not more than 4 pages), and the names of three academic referees.

Professorial salary is determined by negotiation, but the minimum full-time salary was £54,133 pa as of October 2010

Reader: £45,336 to £52,556 pa

Closing date for applications: 13 January 2012
Interviews for all posts will be held on 16 March 2012

For full details and how to apply see www.sussex.ac.uk/jobs

US
University of Sussex

The University of Sussex is committed to equality of opportunity

U218204R

The Norwegian University of Science and Technology (NTNU) in Trondheim represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.



Faculty of Medicine

Professorship/ Qualification Fellowship in Systems Neuroscience

The Kavli Institute for Systems Neuroscience of the Faculty of Medicine at the Norwegian University of Science and Technology (NTNU) invites applications for a faculty position in systems neuroscience. The new position is part of NTNU's strategic effort in the field of neuroscience.

We seek applicants with experience and interest in using state-of-the-art molecular and cellular technologies to understand neural networks and behaviour. The successful candidate holds a Ph.D. and has experience leading a research team and attracting international funding. The candidate has a track record in both molecular-cellular and systems neuroscience, with outstanding publications, and she/he demonstrates ability to develop an internationally competitive research programme. Participation in teaching activities at master's and PhD level is required.

The applicant will benefit from the strong infrastructure at the Kavli Institute for Systems Neuroscience at NTNU (www.ntnu.no/cbm). Start-up funding, including scientific equipment and PhD/post doctoral fellows, is negotiable. The position is advertised at the rank of Professor but may alternatively be defined as a qualification fellowship for a period of no longer than 3 years in case of sufficient future potential. Young applicants not yet qualified for full professorship are thus encouraged to apply.

Applicants should submit a cover letter, a CV with a complete publication list, copies of 5 selected papers, a summary of research achievements, a research plan, and 3 letters of reference (referees should send letters directly to Edvard Moser, Director of the Kavli Institute, edvard.moser@ntnu.no).

The complete advertisement is available at www.jobbnorge.no.

Submit applications through www.jobbnorge.no
within 1 December, 2011.

For further information about the position contact Edvard Moser, edvard.moser@ntnu.no, tel. +47 73598278; information about the application process contact Brit Løbeck Fladvad, HR- section, Faculty of Medicine, brit.fladvad@ntnu.no.

See also <http://www.medisin.ntnu.no/eng/>

NTNU
Norwegian University of
Science and Technology

W218022R



The National Socio-Environmental Synthesis Center in Annapolis, MD

Announces its opening and first call for research applications

SESYNC is the newest NSF-funded national synthesis center, hosting researchers to integrate diverse forms of information, data, and models to inspire novel research and provide innovative solutions to socio-environmental problems. Through its diverse programs, the Center invites researchers from across the globe to work on-site at the SESYNC headquarters in Annapolis.

Applications are invited from social, natural and computational scientists for support through one of SESYNC's programs: Thematic Pursuits, Ventures, Workshops, Socio-environmental Education, Short-courses, Policy & Practice Fellows, Postdoctoral Fellows, and Sabbatical or Research Fellows.

Founding Theme: Ecological Wealth and Changing Human Populations

SESYNC's Founding Theme focuses on understanding how shifts in the distribution of human populations across the landscape have influenced, and been influenced by, natural systems and the goods and services they provide. We invite applications to support Pursuits by individuals or teams focused on major scientific questions central to this Theme. The center will have 2-3 Themes ongoing at any time and all future Themes will be identified through a community-driven process beginning early Spring 2011. **Applications due January 31, 2012**

Digital Information Research Specialist

Position Opening for a scholar-programmer to join SESYNC's cyberinfrastructure team. Advanced degree in environmental science with computational focus or advanced degree in computational science, library and information science, or computer science (Ph.D. preferred but not required).

For best consideration, apply by December 31, 2011

Postdoctoral and Sabbatical/Research Fellowships

Researchers with expertise and ideas to employ integrative, analytical, computational, or informatic approaches focused on the structure, functioning, and sustainability of socio-environmental systems are invited to apply. Applicants may have received their PhD in ANY relevant area of research including anthropology, ecology, economics, education, geography, mathematics, statistics, computer science, political science, public policy, planning, etc. Postdoctoral positions are for 2 years and sabbatical/research fellows for 2-12 months. **Applications due January 31, 2012**

For details on SESYNC programs and careers please see www.SESYNC.org



UNIVERSITY OF
MARYLAND

NW217809R

MEDICAL SCIENCES DIVISION

Nuffield Department of Clinical Neurosciences PhD Studentships 2012



UNIVERSITY OF
OXFORD

The University of Oxford's new Nuffield Department of Clinical Neurosciences has brought together the Nuffield Division of Anaesthetics, the Division of Clinical Neurology, including the Oxford Centre for Functional MRI of the Brain and the Nuffield Laboratory of Ophthalmology. The new Department, based in the West Wing of the John Radcliffe Hospital is a world leading centre for teaching and research and provides new and innovative research opportunities by exploiting synergies both within the Department and with other neuroscience groups elsewhere in the University.

The Department invites applications from Home / EU and Overseas postgraduate students, with good degrees (first or upper second class honours degree or equivalent), for several available studentships (sources include MRC and EPSRC).

The Department has some 80 graduate students who are working in a variety of areas of neuroscience including ophthalmology, neuroimaging, chronobiology, pain and anaesthetics, neurodegeneration, genetics, ion channel disorders, neuroimmunology and functional neurosurgery and cerebrovascular disease.

Students are actively involved in a variety of programmes and seminars within the Department and more broadly with other University departments. There is a rich exposure to a wide variety of technologies, visiting speakers and the opportunity for travel to national and international meetings and workshops.

Further particulars of proposed projects and supervisors can be obtained by contacting Anne Taylor anne.taylor@clneuro.ox.ac.uk and are available on: www.ndcn.ox.ac.uk.

Applicants are advised to contact a supervisor before putting in an application via the University of Oxford Online Admissions Process www.ox.ac.uk/graduate.

The deadline for applications is Friday 6 January 2012. Interviews will be held week beginning **Monday 30 January 2012.**



U218000R

Neuroscience postdoc programme

Linköping University is one of Sweden's six large universities, currently enrolling 27,000 students. The university recently launched a Centre for Neurobiology, involving some 20 independent research groups from two faculties: the Faculty of Medicine and the Faculty of Science and Engineering.

The Centre for Neurobiology is now seeking Post-doctoral Fellows (2+2 years) within several neuroscience research areas: Addiction, Animal Behaviour, Electrophysiology and Circuits, Neuroimaging and Neuroengineering, Neurodegeneration, Neuroendocrinology, Neurodevelopment, Pain, and Psychiatric Functional Brain Imaging.

For more details regarding the Centre, the different research labs involved in the program, and to submit a letter-of-intent please go to: <http://www.hu.liu.se/neuro?l=en>. For information regarding Linköping University, please go to: <http://www.hu.liu.se/?l=en>, <http://www.liu.se/?l=en>.



Linköping University

W218183R

Platform Managers in Neuroscience

Linköping University is one of Sweden's six large universities, currently enrolling 27,000 students. The university recently launched a Centre for Neurobiology, involving some 20 independent research groups from two faculties: the Faculty of Medicine and the Faculty of Science and Engineering.

With the goal of developing advanced common research platforms, the Centre for Neurobiology is now announcing three platform manager positions. In addition to running each platform and working together with the different research groups, there is also excellent opportunity for the successful candidate for conducting independent technology-oriented research. We are currently seeking experts in the following areas: Rodent transgenesis, Computer-based imaging, and Behavioural phenotyping.

For more details regarding the Centre, the positions, and how to submit your application please go to: <http://www.hu.liu.se/neuro?l=en>. For information regarding Linköping University, please go to: <http://www.hu.liu.se/?l=en>, <http://www.liu.se/?l=en>.



Linköping University

W218184R



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BOCHUM

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3-Year PhD Scholarships International Graduate School of Neuroscience (IGSN) Ruhr University Bochum GERMANY

Applications are invited for the IGSN PhD-Programme, which starts on October 1st 2012.

Research projects specialize in the areas of molecular, developmental, systems, cognitive, clinical or computational neuroscience, and comprise intensive training in state of the art methods, as well as supervision by internationally renowned neuroscientists. See www.rub.de/igsn for details.

Research projects will be accompanied by high-level English-language tuition in the field of neuroscience. The 36 month programme will culminate with a PhD in Neuroscience.

PhD-Scholarships (3 years, €15 600 p.a.) are available.

Application deadline: January 31st 2012.
Applications online via: www.rub.de/igsn

International Graduate School of Neuroscience
Ruhr University Bochum
Universitätsstr. 150,
D-44790 Bochum
Germany
igsn@rub.de

W217779R



UCL Research Department of Neuroscience, Physiology & Pharmacology Research Associate / Senior Research Associate (1213531)

The salary range will be £31,905 – £38,594 per annum (Research Associate), £39,668 – £46,822 (Senior Research Associate), inclusive of London Allowance.

We are looking for a highly quantitative systems neuroscientist who is interested in investigating the development of sensory processing in the human infant brain, with a particular focus on understanding the development of pain in infancy.

Applicants must have a PhD in neuroscience and ideally, some hands-on experience in human clinical research. Expertise in using the different neurophysiological or imaging methods would be desirable as would experience of analysing complex datasets.

For further details about the vacancy and how to apply online please go to <http://www.ud.ac.uk/hr/jobs/> and search on Reference Number 1213531.

If you have any queries regarding the application process, please contact Jeremy Guyer, jeremy.guy@ud.ac.uk tel: 020 7679 3456.

If you would like further information about the post, please contact Dr Rebecca Slater r.slater@ucl.ac.uk

Closing Date: 10th November 2011 (applications to be received by 16:00)

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