Bioinformatics opportunities at the Wellcome Trust Sanger Institute

The Wellcome Trust Sanger Institute (WTSI), based south of Cambridge (**http://www.sanger.ac.uk/**), is an internationally renowned genomic research centre, funded primarily by the Wellcome Trust. Our mission is to use genome sequences to advance understanding of the biology of humans and pathogens in order to improve human health. The Institute is located on the 100 acre Genome Campus with the European Bioinformatics Institute (EMBL-EBI), the Wellcome Trust Conference Centre and its associated advanced courses and conferences programme; we share a broad vision to develop the Campus as a hub of science including informatics, business, advanced scientific training and cultural activities in the area of genetics and genomics.

Informatics is central to genome science at the WTSI. Our Bioinformatics programme develops and applies methods to process, store and analyse data generated by high-throughput projects. Its principal aims are to infer genomic knowledge through computational analysis and integration of data and to generate resources of lasting value to biomedical research.

We offer a wide range of Bioinformatics opportunities across a broad spectrum of Faculty-led research projects, such as:

- Computational genome biology
- Genome informatics
- Genomics of gene regulation
- Population genomics of molecular phenotypes
- Using outbred genetic variation to understand basic biology
- Vertebrate genome analysis

Working collaboratively in Bioinformatics is important to us at the WTSI. A major collaboration is centred on capacity building in bioinformatics and large-scale data analysis in Africa, including supporting the development of a new data centre in Uganda. More details on these projects and collaborations can be found on our website at: **http://www.sanger.ac.uk/research/areas/bioinformatics/#proj**

For more details on all of our bioinformatics positions and to submit your CV/apply online please go to **https://jobs.sanger.ac.uk**.

For more information on working at the Institute and the benefits and facilities available to staff visit **http://www.sanger.ac.uk/workstudy/**.

wellcome trust sanger institute

Athena SWAN Bronze Award

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Working towards diversity through equality

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Keck School of Medicine of USC

Emerging Pathogens
TENURE-TRACK FACULTY POSITIONS
Department of Molecular Microbiology and Immunology
USC Institute of Emerging Pathogens and Immune Diseases
Keck School of Medicine
University of Southern California
Los Angeles, California

The Department of Molecular Microbiology and Immunology at the Keck School of Medicine of the University of Southern California in Los Angeles, California, has an ongoing expansion to build upon existing strengths in Microbiology, Virology, and Immunology.

The Department invites applicants for tenure-track **Assistant and/or Associate Professor** positions with a specific research emphasis on emerging pathogens and immune responses. We are especially interested in candidates whose research addresses biodefense pathogenesis-related, trans-disciplinary, and translational research topics. Creative scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive generous start-up packages and laboratory space along with access to a new Biosafety Laboratory 3 facility. The Keck School of Medicine has strong research programs in Cancer, Genomics, Immunology, Stem Cells, Neurobiology, and Virology.

Applicants should submit a letter of application, Curriculum Vitae, a statement of current and future research plans, and three letters of recommendation. Please complete faculty application through the USC job website at **http://jobs.usc.edu:80/postings/6742** (Requisition ID# 010340).

USC values diversity and is committed to equal opportunity in employment. Women, men, and members of all racial and ethnic groups are encouraged to apply.

SESYNC
National Socio-Environmental Synthesis Center

Funding & Support Available

The National Socio-Environmental Synthesis Center (SESYNC), funded through an award to the University of Maryland from the National Science Foundation, is accepting proposals for **data-intensive analysis and/or modeling projects** that advance socio-environmental synthesis research.

SESYNC has significant modeling, data analysis, and database management expertise to guide and support teams that need assistance with the technical aspects of data mining, processing, integration, analysis, visualization, and/or modeling. Funded projects will gain access to SESYNC's advanced cyberinfrastructure, including use of and support for scalable cluster computing and substantial storage capacity.

In addition to providing support for meetings and travel to SESYNC, we may cover the costs of the PI's salary while in residence at SESYNC and/or salary for a research assistant at the PI's home institution and/or at SESYNC.

Visit http://sesync.us/datases for complete details. Proposals must be submitted by August 4, 2014.