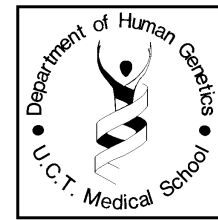




Human Genetics Post Doctoral Fellowships

Faculty of Health Sciences
University of Cape Town



The Division of Human Genetics (www.uct.ac.za/depts/genetics) is a clinically-focused academic facility with a strong research pedigree. Research is aimed at harnessing the most recent developments in the fields of genomics, proteomics, molecular biology and bioinformatics in order to identify disease-causing genes, determine their pathology, and develop innovative diagnostics and therapeutic interventions for translation into the clinical environment. More recently, we've been interested in using high throughput genomics technologies to characterize variations in Human populations as a backdrop to understanding population migrations and susceptibility/ resistance to disease. The Division hosts an MRC Research Unit for Human Genetics, as well as the National Colorectal Cancer Research Consortium. Active areas of research include: **Retinal Degenerative Disorders, Familial Cancers, Neuropsychiatric Disorders, Human Genomic Variation and Pharmacogenomics.**

The Division is currently seeking dynamic Postdoctoral Fellows to join any one of several different projects. Candidates should have experience in either molecular/cell biology, genetic mapping/population genetics and statistics, or molecular genetics of complex disorders. Bioinformatics and familiarity with current database design, construction and maintenance would be an advantage, as will postdoctoral experience. One of these fellowships is funded by Fogarty International (NIH, USA), and offers the candidate travel and training support in the USA in July 2008

Successful candidates will have achieved their PhD degrees within 5 years and will not have held permanent employment in the academic or professional sectors. The value of the Fellowships, which are available immediately, vary depending on the project and the applicant's experience. Individual application will be made on behalf of the successful candidate/s to the SARS for tax exemption. The Fellowship carries no fringe benefits and no service will be required in return for the fellowship, although limited teaching and supervision duties may be required as part of the incumbent's professional development and training. The successful candidate will be required to comply with the University's policies and practices with regard to the postdoctoral sector and to enter into a Memorandum of Agreement with the University.

The environment in our Division is nurturing and the successful fellows will be mentored as academic interns (i.e. assisted with developing their CV/experience to fit into an academic career). The Division is situated in the recently launched Institute for Infectious Diseases and Molecular Medicine (<http://www.iidmm.uct.ac.za/>), with access to other excellent research groups and state of the art equipment, including genomic and proteomic platforms, and a fully fledged Bioinformatics Node.

Candidates should submit their CV's which should provide information on their PhD, with technical proficiencies, publications, and 3 contactable referees to: Adielah.vanderschiff@uct.ac.za, or delivered to the Division of Human Genetics, Suite 3.14, Werner and Beit Building North, Institute for Infectious Diseases and Molecular Medicine, Faculty of Health Sciences, University of Cape Town, Anzio Road, Observatory, 7925. Closing date for applications is 25th April 2008. Queries may be directed to Prof R S Ramesar at 021 4066297, or via email: Raj.Ramesar@uct.ac.za.