

Employment Opportunities

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Postdoctoral Fellowships at the Miami Institute for Human Genomics

The newly established Miami Institute for Human Genomics (MIHG) in the University of Miami Miller School of Medicine is seeking postdoctoral fellows interested in either molecular genetics, theoretical statistical genetics, or applied genetic epidemiology.

The interdisciplinary and highly-collaborative faculty of the MIHG aims to discover the genetic influences on human health and apply this knowledge to the practice of medicine through improved diagnostics, treatments, and medications. The faculty has a unique track-record identifying genetic risk factors for more than 60 diseases combined with currently available funding of more than \$34 million from the National Institutes of Health and the U.S. Department of Defense.

We are searching for postdoctoral fellows to join our cutting-edge research team. We have multiple fellowships available working in the following research areas:

- Multiple sclerosis
- Parkinson disease
- Axonal degeneration in the central and peripheral nervous system, with a focus on mitochondrial pathways and endosomal trafficking
- Development of novel analytic approaches of rare variants in cardiovascular disease
- Hereditary spastic paraplegias

Applicants should have experience in molecular genetics and/or molecular biology or in epidemiology or statistics. The ability to work in an interdisciplinary team is expected. A working knowledge of bioinformatics is desirable. Applicants with less than two years of postdoctoral experience are preferred.

The Miami Institute for Human Genomics is located in the highly diverse and fast-growing metropolitan area of South Florida near to spectacular outdoor recreational opportunities. We offer competitive postdoctoral salaries and benefits.

Qualified candidates are encouraged to email Curriculum Vitae to mihgjobs@med.miami.edu, with "postdoctoral position" in the subject line or mail to: University of Miami Miller School of Medicine, Miami Institute of Human Genomics, Clinical Research Building, 1120 N.W. 14th Street, Miami, FL 33136.

Associate Research Scientist (Postdoctoral)—Arthritis and Immunology, Swapan K. Nath, Ph.D., Associate Member

We are currently accepting applications for positions at the level of post doctoral fellow to join our research team. We are funded for projects in genetic epidemiology of Systemic Lupus Erythematosus (SLE). Ongoing projects include family studies (both genome-wide linkage and association), population-based case-control association (genome-wide as well as candidate gene) studies using high density SNP Arrays (Affymetrix and Illumina), and admixture mapping using high density Ancestry Informative Marker (AIM) panel. We offer an excellent team-oriented research environment and opportunities for career advancement. Our team has a high throughput molecular laboratory and a strong array of analytical computing resources. A candidate should have a doctoral degree in epidemiology, biostatistics, genetics, bioinformatics, statistics, computer science or related fields. The successful applicant is expected to have a strong interest in genetic epidemiology of complex traits and will have experience in both the application/implementation of established methods for genetic linkage and association studies, and in methods development. Therefore, knowledge of statistical genetic methods for gene-mapping for complex traits, and computer programming skills (e.g. familiarity with UNIX-like OS, at least one programming language) are required.

Please send a curriculum vitae and summary of research interests to: Swapan K. Nath, Ph.D., Associate Member, Arthritis and Immunology Research Program, Oklahoma Medical Research Foundation. Ph: 405-271-7765; Fax: 405-271-4110; Email: Swapan-Nath@omrf.org.

Cytogenetics Position, Department of Pathology, University of Washington, Seattle, Washington

The Department of Pathology at the University of Washington has an opening at the level of Assistant or Associate Professor for a Cytogeneticist to join an active group in the clinical diagnosis and research of chromosomal abnormalities in genetic disorders, malignancies, and other conditions. Candidates must have an MD, MD/PhD, or PhD, have completed training in Clinical Cytogenetics, and be certified in or eligible to take the Board examination in Clinical Cytogenetics. Preference will be given to a candidate with training in CGH techniques, with research interests in the effects of chromosomal rearrangements

on clinical phenotypes. There are ample opportunities for primary and collaborative research in the Department of Pathology, and in other departments in the School of Medicine such as Genome Science and Obstetrics and Gynecology. The successful candidate should possess strong interpersonal skills and will participate in resident, fellow, medical and graduate student education, and also in the supervision of technologists.

Applicants should forward their curriculum vitae and a list of three references to: Nelson Fausto, M.D., Professor and Chair, Department of Pathology, University of Washington, Box 357470, Seattle, WA 98195.

The University of Washington is building a culturally diverse faculty and strongly encourages applications from female and minority candidates. The University of Washington is an Affirmative Action/Equal Opportunity Employer. University of Washington faculty engage in teaching, research and service.

Announcements from the past three months are available at <http://www.ajhg.org>.