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## Faculty Positions in the Department of Biological Sciences University of Notre Dame

The Department of Biological Sciences (<http://biology.nd.edu/>) in the College of Science (<http://science.nd.edu/>) at the University of Notre Dame solicits applications for **4 new faculty positions** to commence in August 2009. These searches are part of a broad university initiative to expand interdisciplinary scholarship in the life sciences that engages multiple departments and colleges at Notre Dame. Major new efforts are being developed in the areas of global health, biophysics, imaging, cancer biology, neurobiology, and the environment, which include substantial faculty and infrastructural growth. In all cases, new faculty members are expected to initiate and maintain vigorous extramurally-funded research programs and to be effective teachers at both the undergraduate and the graduate level. Applications for any of the positions below will be accepted until **December 1, 2008**, although review of applications will commence immediately.

**Endowed Faculty Chair in Cancer Biology.** The Department of Biological Sciences invites applications for the Coleman Chair in Cancer Biology at the Full Professor rank. Applicants must demonstrate an exceptional record of research accomplishment based on publications, national/international recognition, and extramural funding. We seek an outstanding scientist engaged in basic or translational cancer research. Areas of emphasis for recruitment include animal models of cancer, molecular oncology, cell signaling in cancer initiation and metastasis, cancer genetics, tumor microenvironment, and cancer therapeutics. Qualified individuals should send a curriculum vitae, research prospectus, summary of teaching interests, and the names and addresses of three references to: **Coleman Chair Search Committee, Department of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556-0369**. For more information, please email the search chair Dr. Robert Schulz at [rschulz@nd.edu](mailto:rschulz@nd.edu).

**Faculty Position in Cell Biology.** The Department of Biological Sciences invites applications for a tenure-track position in the area of cell biology at the assistant professor level, although exceptional mid-career candidates will also be considered. Candidates with research expertise that complements existing strengths in cancer biology, the cytoskeleton and cell division, neuroscience, vision, and cell signaling are especially encouraged to apply. The successful candidate will demonstrate a solid track record in publications and collaborative research. Interested candidates should send a curriculum vitae, summaries of research and teaching interests, and the names of three references to: **Cell Biology Search Committee, Department of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556-0369**. Additional information is available from the search chair Dr. Kevin Vaughan at [vaughan.4@nd.edu](mailto:vaughan.4@nd.edu).

*The University of Notre Dame is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply*



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**Assistant/Associate Professor of Genomics.** The Department of Biological Sciences invites applications at the Assistant or Associate professorial rank. We seek candidates using whole-genome, integrative approaches to study fundamental biological and evolutionary processes. The successful candidate will be expected to establish a vigorous externally funded research program that will compliment an active interdisciplinary research community with foci in the genetics, functional genomics, evolution, and ecology of parasites and pathogens, their insect vectors, and vertebrate hosts. Qualified individuals should send a cover letter, curriculum vitae, research prospectus, summary of teaching interests, and the names and addresses of three references to: **Genomics Search Committee, Department of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556-0369.** For more information, please email the search chair Dr. Michael Ferdig at [ferdig.1@nd.edu](mailto:ferdig.1@nd.edu).

**Assistant/Associate Professor of Infectious Disease.** The Department of Biological Sciences invites applications at the Assistant or Associate Professor level for an individual working on an infectious disease pathogen or pathogen vector of importance in the area of global health. The candidate should have a Ph.D. or equivalent and a demonstrated record of research and teaching excellence. Individuals with expertise in any area involving the biology of a human pathogen, pathogen vector, or the response of the human host to infection, particularly those with cross-disciplinary research programs, are encouraged to apply. Qualified individuals should send their curriculum vitae, a summary of current research and teaching interests, and the names and addresses of three references to: **Global Health Search Committee, Department of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556-0369.** For more information, please email the search chair Dr. Frank Collins at [frank@nd.edu](mailto:frank@nd.edu).

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**Research Assistant Professor – Genomics Core Facility Manager.** The Eck Institute for Global Health at the University of Notre Dame invites applications for a Research Faculty member to manage a newly renovated and funded Genomics Core Facility (GCF). We seek a highly motivated PhD scientist with an interest in guiding the development of the facility, conducting independent research, building collaborative relationships, and interfacing with a sister Bioinformatics Core Facility on campus. This is a unique opportunity to develop an independent research program while assisting in the university's aggressive move toward state-of-the-art genome science research capacity. This successful candidate will oversee the core lab functions and technical staff, including Sanger and 'next gen' sequencing platforms, genotyping and population genomic applications, and various microarray platforms. Significant space and resources are available, and include dedicated bench space and access to equipment and competitive intramural research funding for independent research. Qualified individuals should send a cover letter, curriculum vitae, research prospectus, summary of teaching interests, and the names and addresses of three references to: **Genomics Search Committee, Department of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556-0369.** For more information, please email the search chair Dr. Michael Ferdig at [ferdig.1@nd.edu](mailto:ferdig.1@nd.edu).

**Sr. Analyst – Programmer.** This position will carry out advanced computational support and analysis for the Center for Global Health & Infectious Diseases Bioinformatics Core Facility (BCF). The incumbent will work directly with the BCF Director and Manager and with other staff and students as designated by the Director or Manager. The work will involve all the bioinformatics support provided by the BCF, mainly programming and data analysis. The incumbent will also be responsible for other work as assigned by the Director or Manager, including ? but not limited to maintaining detailed transaction records of facility users. The person filling this position should have at least a BA or BS degree with a major in the field of computer science, biology, or a related computing-focused field (e.g., math, bioinformatics, physics, etc.) as well as at least two (2) years of programming experience beyond the bachelor's degree. Incumbent must have prior experience with C/C++, Perl/other scripting languages, and Unix/Linux systems. For more information, please email the search chair Dr. Michael Ferdig at [ferdig.1@nd.edu](mailto:ferdig.1@nd.edu).

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