

Position Announcement

(11/26/2008)

Bacteriologist

**Department of Microbiology, Immunology and Pathology
College of Veterinary Medicine and Biomedical Sciences
Colorado State University**

Description. The Department of Microbiology, Immunology and Pathology (<http://www.cvmbs.colostate.edu/mip/>) invites applications and nominations for a senior (Associate/Full Professor) tenure track position in Bacteriology with an emphasis on drug development and mechanisms of resistance. This position also offers exciting opportunities for assumption of a leadership role in a dynamic and highly successful Department. The Department of Microbiology, Immunology and Pathology has 70 faculty members including regular and special appointments. Departmental faculty are responsible for teaching undergraduate, graduate and professional veterinary medical students. Faculty currently serve as major advisors for 68 Ph.D. students, 6 DVM/Ph.D. students, 15 veterinary residents pursuing PhD degrees and specialty board certification, and 25 thesis-based Master's degree students enrolled in several interdisciplinary programs, as well as 275 undergraduate students enrolled in the Microbiology program of study. A combined residency/PhD program in pathology, microbiology and comparative medicine provides for post-DVM training in diagnosis and investigation of naturally-occurring disease investigation as well as modern laboratory research.

Resources and Environment. The resources and environment for infectious disease research at Colorado State University and in the Department are exceptional. The research programs within the Department and the associated centers utilize state-of-the-art techniques and facilities to address nationally and internationally important global infectious diseases. Extramural funding for MIP was \$25M in the past year. The faculty of the Department are engaged in many cooperative research and training programs that are internationally recognized, including the Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Infectious Diseases, The Rocky Mountain Regional Biocontainment Laboratory, the Mycobacteriology Research Laboratories, the Arthropod Borne and Infectious Diseases Laboratory, and the Prion and Molecular Diseases Group.

The MIP faculty provides the core for many outstanding university programs and activities in infectious diseases, including the CSU Program of Research and Scholarly Excellence in Infectious Diseases, the CSU Veterinary Diagnostic Laboratory, and the Infectious Disease Supercluster (<http://infectiousdisease.colostate.edu>). The ID Supercluster with its component enterprise arm, MicroRx (<http://www.microrx.org/index.htm>) is an innovative program designed to bridge normal academic boundaries to address global problems of infectious diseases and to speed the transition of life saving research on infectious diseases from the academic world to the global market place. Investigation of naturally-occurring diseases of animals is organized through the fully accredited state veterinary diagnostic laboratory. The CSU Veterinary Diagnostic Laboratory provides a full spectrum of animal disease diagnostic services and educational outreach to veterinarians, animal industries, regulatory agencies and animal interest groups. The laboratory is accredited by the *American Association of Veterinary Laboratory Diagnosticians*.

The exceptional research and teaching opportunities at CSU are enriched by the highly

interactive and collaborative environment with world recognized infectious diseases programs and scientists on campus, for example, in the Centers for Disease Control-Division of Vector-Borne Infectious Diseases, Fort Collins, the United States Department of Agriculture-National Wildlife Research Center and the Centers for Epidemiology and Animal Health. Members of the Department have many collaborations with scientists in these and other federal and state laboratories in Fort Collins, Boulder and Denver, notably the University of Colorado, Boulder, the University of Colorado Health Sciences Center, Denver, and National Jewish Medical and Research Center, Denver.

Qualifications. The successful candidate will have a Ph.D, and/or D.V.M, M.D. (or equivalent), demonstrated excellence in scholarly activity and research involving bacterial infectious diseases; experience in teaching and mentoring students and post-doctoral fellows; an established extramurally funded research program, and must meet the University requirements for appointment as an Associate or Full Professor. Women and minority candidates are encouraged to apply.

Additional considerations. Special considerations will be given to senior scientists qualified to create and direct a new research unit in the Department and to complement and provide additional leadership to already established research and training programs in: mycobacteriology, notably in tuberculosis and leprosy from the molecular, immunological, pathogenesis, animal modeling, vaccine and drug development, and clinical support; the molecular basis of pathogenesis and drug resistance in *Pseudomonas* and *Burkholderia*; and the biology of select agents such as *Burkholderia mallei*, *B. pseudomallei* and *Franciscella tularensis*. The new unit/individual will either reinforce those existing disciplines in the Department or steer the Department into new areas of research. Candidates with the demonstrated capabilities to help lead into the future already successful programs with established senior investigators, and a history of establishing and maintaining successful research programs, are being sought. We are particularly interested in individuals with research programs in drug development and resistance, but applicants in all areas of bacteriological research will be considered. A special consideration is the current emphasis at CSU on applied and/or translational research on NIH priority pathogens and the exceptional facilities and capacities in the Infectious Disease Research Center (<http://idrc.colostate.edu>), including the the Rocky Mountain Regional Center of Excellence and the Rocky Mountain Regional Biocontainment Laboratory, with GLP and cGMP capacity, the extensive large and small animal BSL3 facilities, and the Animal Models, Product Development and Manufacturing GLP and cGMP, and the Proteomics/Genomics Cores, the Veterinary Teaching Hospital and Diagnostic Laboratory, and the Arthropod-borne and Infectious Diseases laboratory.

The candidate will be expected to participate in the MIP undergraduate, graduate, and/or professional teaching program. S/he will be expected to serve in a leadership role in virology/arbovirology training and research programs, to maintain a nationally recognized research program, and to participate in a leadership role in the AIDL, the IDSC, and other CSU programs as appropriate.

Salary and Start-up Funds: Salary and start-up funds are competitive and commensurate with qualifications and experience.

Application: Applicants should send electronically to the chair of the search committee, a letter expressing their interest and qualifications for the position and their vision for their respective research program and interactions with CSU faculty and programs. They should also include their curriculum vitae, and the names, mailing addresses, and e-mail addresses of at least

three references to:

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Applications will be accepted until the position is filled. However, evaluations of applications will begin by February 16, 2009.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to criminal history, national sex offender search and motor vehicle history.

Colorado State University is an equal opportunity/affirmative action employer and complies with all Federal and Colorado State laws, regulations, and executive orders regarding affirmative action requirements in all programs. The Office of Equal Opportunity is located in 101 Student Services. In order to assist Colorado State University in meeting its affirmative action responsibilities, ethnic minorities, women and other protected class members are encouraged to apply and to so identify themselves.