

Integrative/sensory neurobiologists, Two tenure-track positions, Open rank
Department of Biomedical Sciences
Colorado State University

The Department of Biomedical Sciences (BMS) seeks scientists to fill two tenure-track positions at the rank of Assistant to Full Professor and contribute expertise in an area directly related to integrative and/or sensory neuroscience. Competitive applicants will work in areas linking molecular and cellular function to circuit or animal behavior. Successful candidates are expected to develop or maintain an independent, extramurally-funded research program, preferably in an area that complements existing departmental program strengths. The individuals selected for these positions are also expected to contribute to undergraduate and graduate teaching. Teaching responsibilities will be in the general area of neurobiology but with emphasis on systems neuroscience. The BMS Department has 31 regular faculty members. The Department's strengths are focused in two University Programs of Research and Scholarly Excellence; the Molecular, Cellular and Integrative Neurosciences Program (MCIN) and the Animal Reproduction and Biotechnology Laboratory (ARBL). Interests of faculty in MCIN include ion channel and neurotransmitter receptor structure/function, mechanisms of neurotransmitter release, integrative neurotransmission, neuroendocrinology, developmental neurobiology, and visual information processing. Research programs in ARBL broadly address regulatory mechanisms that underlie mammalian reproductive function. In addition, the department is currently expanding its program in cardiovascular physiology. Opportunities for collaboration exist with faculty in clinical and other basic science departments.

Additional information about the BMS Department and its faculty can be found at www.cvmbs.colostate.edu/bms. The Department sponsors an undergraduate Biomedical Sciences major and both M.S. and Ph.D. graduate programs. Facilities available include well-equipped general instrumentation rooms, a fluorescence-activated cell sorter/flow cytometer laboratory, a microscope laser-capture microdissection laboratory, machine shops, central animal care facilities, confocal microscopes including a Zeiss LSM 510 Meta and a spinning disk confocal dedicated to live cell imaging, an electron microscopy center equipped with a 200KEV JEOL Transmission EM, and a scanning EM, and the University Macromolecular Resource Facility containing DNA/RNA synthesizers, peptide synthesizers, gas-phase protein sequencer, automated capillary DNA sequencer, Affimatrix gene chip array reader, and electrospray, MALDI/TOF, and MALDI/TOF/TOF mass spectrometers.

Information on the city of Fort Collins can be found at www.ci.fort-collins.co.us/.

Applicants must have a PhD, DVM, MD or equivalent degree and significant postdoctoral research experience. A letter of application, curriculum vitae, statements of research and teaching interests, and three reference letters should be sent to Michael Tamkun, Chair of the Search Committee, tamkunmm@lamar.colostate.edu. Files of finalists will be available to all faculty members for review.

Review of applications will begin October 27, 2008, and continue until a successful candidate is found.

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 and programs. The Office of Equal Opportunity is located in 101 Student Services. In order to assist Colorado State University in accomplishing its affirmative action objectives, ethnic minorities, women and other protected class members are encouraged to apply and to so identify themselves.