

**Title:** Postdoctoral Research

**Employment Type:** Administrative Professional

**College:** Veterinary Medicine & Biomedical Sciences

**Department:** Biomedical Sciences

**Salary:** Commensurate with experience

**Requirements:** The Department of Biomedical Sciences: This interdisciplinary department contains over 25 faculty with strong international reputations and a track record of extramural support. Faculty research interests are focused in cellular, molecular and integrative biology, reproductive biology including gonadal function, and neurobiology with relevant emphasis in areas related to neuronal differentiation, degeneration and regeneration, ion channels and membrane physiology, synaptic mechanisms, neuronal circuitry, sensory biology, artificial neural networks, and neuroendocrinology. The department is highly interactive and offers postdoctoral fellows a friendly but rigorous learning environment. There is ample opportunity for informal interactions between fellows and faculty, thus encouraging the kind of discussions and collaborations that are critical to success in the cutting-edge atmosphere of modern biomedical research. Program faculty members are housed in modern research buildings with state-of-the-art equipment. All of the training faculty members have laboratories that are within relatively close proximity. University facilities that support research efforts include electron microscopes, flow cytometer and fluorescent activated cell sorter, confocal microscopes, DNA, RNA and protein sequencing and syntheses labs, a mass spectrometer lab, and facilities for genomics, proteomics, and transgenic animal research. The hard work of research is balanced by the unique opportunity to enjoy the mountains and canyons of beautiful Colorado.

Applicants must have a doctoral degree (Ph.D., M.D., D.V.M.) and publications in peer-reviewed journals. Applications will be accepted from graduate students completing their doctoral degree requirements, but the degree must be completed before applicants can begin their postdoctoral appointment.

Duties:

- Assist in the design of interdisciplinary research that may include developmental, anatomical, neurochemical, cell biological, molecular biological and immunological fields;
- Plan and carry out experiments and analyze data;
- Prepare manuscripts for publication;
- Help supervise and guide junior researchers working on related projects;
- Attend scientific seminars and participate in journal clubs;
- Prepare talks and posters of research results for presentation at national or international meetings.

Further information is available at <http://www.cvmbs.colostate.edu/bms/>

Application Deadline: This pool is valid through January 31, 2013. Individuals wishing to be considered beyond this date must reapply.

To Apply: Send resume and three letters of reference electronically to: [CVMBS-BMS\\_pd\\_pool@mail.colostate.edu](mailto:CVMBS-BMS_pd_pool@mail.colostate.edu). For questions please call (970) 491-6187 or email [CVMBS-BMS\\_pd\\_pool@mail.colostate.edu](mailto:CVMBS-BMS_pd_pool@mail.colostate.edu), applications may also be mailed to: BMS PD Pool, 1680 Campus Delivery, Fort Collins, CO 80523-1680 or FAX (970) 491-7569.

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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.