

Faculty Positions in Molecular Recognition and Bioinformatics

THE UNIVERSITY AT BUFFALO'S STRATEGIC PLANNING PROCESS, *UB 2020*, HAS IDENTIFIED BIOINFORMATICS AND MOLECULAR RECOGNITION IN BIOLOGICAL SYSTEMS AS AREAS WHERE MORE THAN 30 NEW HIRES ARE PROJECTED, WITH A SIGNIFICANT INVESTMENT OF RESOURCES, OVER THE NEXT THREE YEARS.



POSITION DESCRIPTIONS

In the first phase of our multi-year recruiting plan, several positions are available immediately at all ranks in the Schools of Medicine and Biomedical Sciences, Dental Medicine, Arts and Sciences, Pharmacy, and Engineering at the University at Buffalo, The State University of New York, with concomitant appointment in its New York State Center of Excellence in Bioinformatics and Life Sciences.

Successful candidates will have research interests in Bioinformatics and/or Molecular Recognition, in areas such as computational biology, genomics, molecular recognition in biology, signal transduction, and analysis of biological networks using experimental approaches ranging from *in silico* through *in vivo*.

Successful applicants will receive tenured or tenure-track appointments in departments appropriate to their interests. These include, but are not restricted to, Biochemistry, Biological Sciences, Chemical and Biological Engineering, Microbiology and Immunology, Oral Biology, Pharmacology and Therapeutics, Physiology and Biophysics, and Structural Biology. A history of collaborative research will be a key consideration in evaluation of applicants for senior positions, as will their potential to provide academic leadership and thereby facilitate future recruitments. Additional information on departmental programs may be obtained on specific home pages, accessible via www.buffalo.edu, or at www.bioinformatics.buffalo.edu.

STATE-OF-THE-ART FACILITIES

Ample laboratory space exists in the new Center of Excellence building, which opened in June 2006 and is situated adjacent to the Hauptman-Woodward Medical Research Institute and the Roswell Park Cancer Institute's Center for Genetics and Pharmacology in the Buffalo Niagara Medical Campus. When fully staffed, these three facilities will be home to over 500 biomedical scientists. The Center itself maintains a modern, state-of-the-art experimental infrastructure in biomedical sciences, and houses a major computational facility and high-quality confocal microscopy. Cutting-edge genomics and proteomics facilities are located immediately adjacent to the Center, as well as on the two local campuses of the University at Buffalo.

CANDIDATE REQUIREMENTS

Applicants should have Ph.D., M.D., D.V.M., D.D.S., or equivalent degree with postdoctoral and professional experience appropriate to the rank of appointment, e.g., a minimum of two years of postdoctoral experience for the rank of Assistant Professor. Research experience should be in molecular, cellular, genetic and/or computational approaches to signaling networks, molecular/microbial pathogenesis, development and differentiation or the basis of human disease. A well-established research program is essential for established candidates. Duties include teaching undergraduate, graduate and professional students, research training of students and postdoctoral fellows, and conduct of biomedical research.

APPLICATIONS

Applications in electronic format should include a C.V., brief statement of research interests, and the names and email addresses of three references, and should be directed to Bioinformatics/Molecular Recognition Search at ub-mrbs@buffalo.edu. Consideration of applications will continue until all available positions are filled.



Trudeau Institute, Inc. is interested in recruiting postdoctoral fellows to carry out research in murine models of immunology and infectious disease.

The research programs at Trudeau Institute include:

- Pulmonary immunity to viral and bacterial pathogens (including influenza, tuberculosis and plague)
- Immunity to protozoan and helminth infections
- Understanding immunologic memory
- Inflammation, Autoimmunity and Sepsis
- Cancer immunology
- Mucosal immunology
- Effects of aging on the immune system
- Novel approaches for vaccine development

In a 2005 survey by The Scientist Magazine, Trudeau Institute was ranked as one of the top five places to work among U.S. academic and non-commercial organizations. Also in 2005, The Institute was ranked fifth in the Best Places to Work for Postdocs among US Institutions.

Trudeau Institute is located in the heart of northern New York State's Adirondack Mountains offers competitive salaries, affordable housing, a full complement of benefits and on-site childcare.

Interested candidates should send a CV, cover letter, a brief statement of research interests and three references (preferably with an e-mail address included) to

**Amy Richardson, Human Resource Manager, Trudeau Institute, Inc.,
154 Algonquin Avenue, Saranac Lake, NY 12983
or arichardson@trudeauinstitute.org**

Further details may be found at www.trudeauinstitute.org



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ORDWAY

Research Institute, Inc.



Scientists and Postdoctoral Fellows



The Ordway Research Institute, Inc., a biomedical research institute located in Albany, New York is recruiting funded scientists and postdoctoral fellows to join scientific research teams in Cancer, Cardiovascular Sciences (focus on fatty acid transport) and Infectious Diseases (focus on anthrax and tuberculosis).

Ordway is housed in a three-year old state-of-the-art research facility designed to facilitate collaboration and translational research. Ordway scientists enjoy the benefit of being located in New York's Tech Valley, with prestigious academic institutions and a growing biotech industry.

Salaries commensurate with experience. Excellent benefits. Competitive support for Postdoctoral Fellows.

Further information about the institute can be found on our website (www.ordwayresearch.org) Please forward inquiries including cover letter and resume to HR@ordwayresearch.org

Ordway Research Institute is an equal opportunity employer.

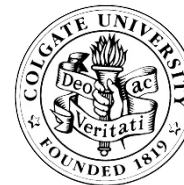
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Colgate University – Tenure Track Faculty Positions

Biology – Molecular Genetics

Department of Biology seeks a tenure-stream Assistant Professor to start August 2007. PhD or expectation of completion this academic year required; teaching and postdoctoral research experience desirable. The successful candidate will contribute to a foundation course called Molecules, Cells, and Genes, teach elective courses including behavioral genetics, and participate in University-wide programs. The appointee will join a biology faculty deeply committed to a strong, research-oriented program involving undergraduate students and will add to this effort by offering a research tutorial in their area of interest; opportunities also exist to lead a semester-long program at the NIH. Applications are especially encouraged from candidates whose research is focused in the area of behavioral genetics of model organisms. Please forward a letter of application with curriculum vitae, transcripts, and separate statements of teaching philosophy and research interests to Dr. Ken Belanger, Department of Biology, Colgate University, Hamilton, NY 13346-1398 and also arrange to have three letters of recommendation sent to this address. Review of applications will begin October 16 and continue until the position is filled. We intend to begin interviewing candidates by the beginning of November.

Biology – Plant or Wetlands Ecology

The Department of Biology seeks a tenure-stream Assistant Professor to start August 2007. PhD or expectation of completion this academic year required; teaching and postdoctoral research experience desirable. The successful candidate will: contribute to a foundation course in Evolution, Ecology, and Diversity; teach elective courses in botany/phytology and in their area of specialty; and contribute to interdisciplinary and University-wide programs (including Environmental Studies). The appointee will join a biology faculty deeply committed to a strong, research-oriented program involving undergraduate students and will add to this effort by offering a research tutorial in their area of interest. Please forward a letter of application with curriculum vitae, transcripts, and separate statements of teaching philosophy and research interests to Dr. Timothy McCay, Department of Biology, Colgate University, Hamilton, NY 13346-1398 and also arrange to have three letters of recommendation sent to this address. Review of applications will begin October 16 and continue until the position is filled. We intend to begin interviewing candidates by the beginning of November.

Psychology – Perception/Cognition

The Department of Psychology at Colgate University announces a tenure-track position in the area of (child/adult) Perception/Cognition at the rank of Assistant Professor beginning July, 2007. Completion of Ph.D. prior to or shortly after the date of hire is expected. Candidates with research interests in perceptual/cognitive development are of particular interest to us. The teaching load is equivalent to five courses per year which includes credit for supervising senior thesis research. Teaching responsibilities include Statistics, portions of staff-taught courses (e.g. Introductory Psychology, Research Methods), as well as upper-level courses in the candidate's specialty area which should include courses in Sensation and Perception, and possibly Developmental Psychology. Regular participation in all-University instructional programs is expected. Applicants should send a cover letter, curriculum vita, statements of teaching and research interests and three letters of recommendation, to Search Committee, Department of Psychology, Colgate University, Hamilton, NY 13346. Review of applications will begin on October 15, 2006.

Geology – Structural Geology/Tectonics

The Geology Department at Colgate University invites applications for an anticipated tenure-stream position at the rank of Assistant Professor in the field of structural geology/tectonics, beginning August 2007. We seek an individual with a Ph.D. who is committed to excellence in research and teaching at the undergraduate level. The area of specialization is open, but we are particularly interested in candidates whose research is field oriented. The successful applicant will teach Structural Geology, Tectonics, and develop other courses at the introductory level for non-majors and at the upper-level for geology students. Participation in the Geology Department's summer field course, involvement of undergraduates in research, and a willingness to contribute to other all-university curricula, such as the Scientific Perspectives program in the university's Core Curriculum, are expected.

Colgate University is a highly selective undergraduate liberal arts college with 2800 students. The Geology Department comprises nine faculty, a senior lecturer/lab instructor, and a technician. Analytical facilities include SEM-EDS, XRF, XRD, ICP-MS, GC-MS, AA, stable isotope mass spectrometer, micropaleontology lab, and geophysical equipment. The Geology Department maintains a web page at: <http://departments.colgate.edu/geology>

Review of applications will begin in September-early October, preliminary interviews will be held at GSA/Philadelphia, and on-campus interviews will begin shortly thereafter, pending status of the position at that time. Applications containing a curriculum vita, statements of teaching philosophy and research interests, and the names of three professional references should be sent to Dr. Constance M. Soja, Chair, Department of Geology, Colgate University, 13 Oak Drive, Hamilton, NY 13346-1398.

Colgate is a highly selective liberal arts college where both teaching and research are valued and supported. Colgate is located in the community of Hamilton in central Upstate New York. Potential applicants should visit our website at www.colgate.edu for further information about Colgate and the Hamilton area.

Colgate University is an equal opportunity/affirmative action employer. Developing and maintaining a diverse faculty and staff further the University's academic mission. Women and minorities are especially encouraged to apply.

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UNIVERSITY OF ROCHESTER

The Department of Chemistry invites applications for positions in all areas of experimental chemistry at the Assistant, Associate, and Full Professor levels. Candidates with research interests in organic chemistry - broadly defined - are especially encouraged to apply. Candidates are expected to establish an outstanding program of original research and be effective teachers at the graduate and undergraduate levels. Applicants should send a curriculum vitae, a statement of research plans, teaching interests, and arrange for three letters of recommendation to be sent, preferably in electronic form, to Ms. Karen Dean, dean@chem.rochester.edu or mail to Chemistry Faculty Search Committee, c/o Ms. Karen Dean, Department of Chemistry, University of Rochester, RC Box 270216, Rochester, New York 14627-0216. Review of applications will begin on October 16, 2006.

The University of Rochester is an equal opportunity employer. Women and minority candidates are strongly encouraged to apply.

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Aggressively recruiting the necessary scientific talent to reinforce its ranks, Roswell Park Cancer Institute is solidifying its position as a major cancer research powerhouse.

Alex Adjei, MD, PhD, has accepted the positions of Senior Vice President of Clinical Research and Chairman of the Department of Medicine, and Kelvin P. Lee, MD, accepted the positions of Chairman of the Department of Immunology and Vice Chairman of the Department of Medicine (Hematologic Malignancies). Both will assume their roles in October 2006.

Dr. Adjei, who comes from the Mayo College of Medicine, Rochester MN, has distinguished himself as a national leader in translational research, drug development and thoracic oncology. At RPCI, he will be responsible for expanding phase I and thoracic oncology programs; overseeing the Institute's planned Translational Oncology Core Laboratory; as well as assisting in the development of a new Clinical Research Unit. He is expected to add two MD/PhD and three PhD positions to his team.

Dr. Kelvin Lee, who comes from UM/Sylvester Cancer Center, University of Miami Miller School of Medicine, has been charged with the responsibility of developing strong scientific and clinical based collaborations to further RPCI's translational research agenda. He is expected to add two MD/PhD and five PhD positions to his research team.

In addition, RPCI is recruiting for a new chair of its Stress Biology program. Several new basic research faculty slots will be available within this program.

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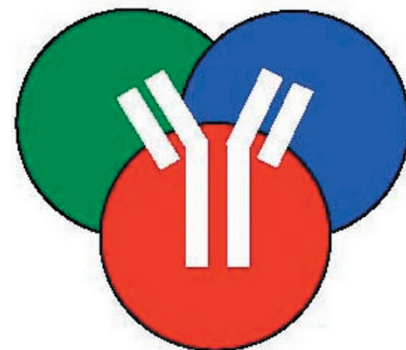
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9th Annual Upstate New York Immunology Conference

October 15-18, 2006
The Sagamore Resort, Bolton Landing, NY



Keynote Speakers:

David M. Mosser, Ph.D., University of Maryland

Marc K. Jenkins, Ph.D., University of Minnesota Medical School

The Upstate New York Immunology Conference (NYIC) has become recognized as a major regional immunology meeting, drawing participants from across upstate New York and the surrounding areas. The NYIC provides a forum for faculty from the various immunology programs to exchange information and ideas. The meeting also provides graduate students and research fellows a venue to present their research projects in a highly critical, yet supportive and nurturing environment. Session topics for the 2006 meeting include Immunity to Non-viral Infections, Tumor Immunity, Advances in Scientific Technology, Biodefense and Emerging Diseases, Mucosal Immunology, Immunity to Viral Infections, Antigen Recognition, and Cytokines and Immune Regulation. The annual NYIC is held at the Sagamore Resort on the shores of Lake George in the Adirondack Mountains, located approximately one hour from Albany, New York. The meeting is held during the prime period for viewing fall foliage.

Sponsoring Institutions: Albany Medical College, Cornell University, Roswell Park Cancer Institute, SUNY Upstate Medical University, University at Buffalo, University of Rochester Medical Center, Trudeau Institute, and New York State Department of Health Wadsworth Laboratories



Major financial supporters:
**National Institute of Allergy
and Infectious Diseases**

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Information: www.amc.edu/NYIC/index.html

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