

Four Faculty Positions in RNA Research

The University invites applications for **four tenure track Assistant Professor positions** in RNA science and technology.

CELL/DEVELOPMENTAL BIOLOGIST, Department of Biological Sciences: conducting research on the role of RNA, including but not exclusive to non-coding or microRNA molecules, in post-transcriptional gene regulation or other cellular and/or developmental processes.

CHEMIST/BIOCHEMIST, Department of Chemistry: conducting research in RNA science and its applications in areas such as, but not limited to, modified nucleosides, synthesis, imaging, and analytical chemistries as it pertains to RNA structure/function relationships, including interactions with proteins and other RNAs.

RNA VIROLOGIST, Department of Biological Sciences: conducting research with mammalian RNA viruses in any one or more areas including but not exclusively: genome structure, mechanisms of genome replication and packaging, gene expression and regulation, host-range and cell specificity, evolution of emerging diseases.

BIOINFORMATICIST, Department of Chemistry: conducting research on the structure/function of RNA molecules through both computational and wet-lab research.

or **MACROMOLECULAR X-RAY CRYSTALLOGRAPHER, Department of Chemistry:** conducting research on solving nucleic acid/protein structures particularly that of RNA. The successful candidate will be expected to collaborate with RNA Institute researchers studying RNA structure and RNA-protein interactions.

The Department plans to add researchers in these areas over the next two years and will fill the position this year with the best candidate.

All positions will be affiliated with the **RNA Institute** (<http://www.albany.edu/rna>) with state-of-the-art laboratories housed in the Life Sciences Research Building (<http://www.albany.edu/lifesciences>). The Institute brings together more than 35 investigators from the College of Arts & Sciences, the College of Nanoscale Science and Engineering, the School of Public Health, and regional institutions including the Wadsworth Center, Rensselaer Polytechnic Institute, and Albany Medical College. This creates an outstanding environment for research collaborations.

Instructional responsibilities will be consistent with the position and those of the faculty in the home department, and the interests of the candidate.

Submit applications at the web addresses below.

for **CELL/DEVELOPMENTAL BIOLOGY** at:

<http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=27938>

for **CHEMIST/BIOCHEMIST** at

<http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=27907>

for **RNA VIROLOGIST** at

<http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=28449>

for **BIOINFORMATICIST** or **MACROMOLECULAR X-RAY CRYSTALLOGRAPHER** at

<http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=28447>

Applications must include a CV with publications cited in detail and any present or past grant funding, statement of research interests, statement of teaching interests, and a minimum of three letters of reference as directed by the above website. The successful candidates for both positions will be offered a competitive salary, start-up package, and research space in the Life Sciences Research Building.

Qualifications for all Candidates: Ph.D. from a college or university accredited by the U.S. Department of Education or an internationally recognized accrediting organization and a strong publication record reflecting significant scientific accomplishments. Applicants must address in their applications their ability to work with and instruct a culturally diverse population. Preferred qualifications include productive post-doctoral training and the potential or demonstrated ability, to obtain independent extramural funding.

Review of applications will begin on December 15, 2011 and continue until the positions are filled.

The University at Albany is an EEO/AA/IRCA/ADA employer.