

Research Technician

Posting Details

Job Posting Information

Vacancy Type	SHRA
Is Internal Transfer Only	No
Time Limited?	No
Time-Limited Appointment Length	
Title	Research Technician
Band Level	Journey
Working Title	Research Technician
Salary Range	\$24,190 - \$60,588
Anticipated Hiring Range	38,000 - 40,000
Salary Grade Equivalency	60
Position Number	00105677
Work Schedule	Monday - Friday 8 AM - 5 PM
Full Time Equivalent (FTE)	1.0
Department	118401 - Biochemistry
Department	Biochemistry
Job City & State	Raleigh, NC

Primary Function of Organizational Unit

heart of the north campus. Our faculty is very effective at obtaining intra- and extra-mural funding for research from federal granting agencies and private foundations as well as from State and local sources. The faculty publishes significant numbers of scholarly papers annually in peer refereed journals, makes numerous presentations at national and international meetings, serves on editorial boards of scientific journals, and serves on national and international grants review panels.

The department has one of the most comprehensive programs in macromolecular structure-function in North America. Mass spectroscopy, nuclear magnetic resonance spectroscopy, X-ray crystallography, electron cryo-microscopy and sophisticated fluorimetry are among the modern analytical technologies that are employed to solve the structure of large macromolecular aggregates, proteins and nucleic acids. NC State University and the Department of Molecular and Structural Biochemistry are members of the "Southeast Regional Consortium" of 23 universities (SER-CAT) who constructed a new synchrotron beamline at the Advanced Photon Source at Argonne National Laboratory. This membership ensures that the faculty and students of NC State Molecular and Structural Biochemistry will have access to the most sophisticated technology for structural analysis in the world. Together with excellent research programs in the regulation of gene expression and cell replication, research in structure function relationships makes NC State Molecular and Structural Biochemistry an exciting and supportive environment in which to conduct research. NC State is located in the "Research Triangle" of North Carolina, an area that boasts the highest per capita population of Ph.D. degree holders in America and is one of the most research-intensive regions in the world.

Essential Job Duties	<p>This position will execute protocols and procedures related to obtain recombinant proteins for structural, biochemical and biophysical characterizations .</p> <p>This position will perform molecular cloning and protein expression in a variety of expression systems.</p> <p>The candidate will perform molecular biology techniques involving DNA cloning and site directed mutagenesis, and the isolation and characterization DNA by gel blotting and PCR. The person will also propagate insect and mammalian cell cultures, and perform cellular assays. The candidate will assist the lab manager in maintaining laboratory operations.</p>
Other Work/Responsibilities	
Minimum Experience/Education	Demonstrated possession of the competencies necessary to perform the work.
Departmental Required Skills	In addition, the candidate need to possess strong organizational skills, be able to multi-task and have excellent interpersonal and communication skills and be willing to work as part of a team.
Preferred Experience, Skills, Training/Education	<p>At least one-year research experience performing molecular cloning, recombinant protein expression and purification in a variety of expression systems, prepare reagents manage the lab work.</p> <p>A B.S. degree in biochemistry, molecular biology or related fields are preferred.</p>
Required License or Certification	n/a
Special Instructions	
Job Open Date	06/22/2016
Must Be Open Until	
<i>Positions will be posted until 5:00 PM ET on this date. Positions remaining posted after this date are still accepting applications but may close at any time.</i>	06/29/2016
Is this position partially or fully funded on ARRA stimulus monies?	No
Proposed Hire Date	
Alternate Option	If no applicants apply who meet the required competency level and training & experience requirements, then management may consider other applicants. Salary would be determined based on competencies, equity, budget, and market considerations.
AA/EOE	<p>NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.</p> <p>Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148.</p> <p>Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to start date.</p> <p>NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.</p>

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. How did you learn of this opportunity?

- NCSU Website
- NCSU Executive Search Services
- Monster.com
- CareerBuilder.com
- InsideHigherEd.com
- Other Online Job Board
- Carolina Job Finder / Employment Guide
- Job / Career Fair
- The Chronicle of Higher Education
- Professional Journal
- Print Advertisement (Newspaper / Periodical)
- Professional Organization
- Direct Contact from NCSU HR Representative / Recruiter
- NCSU Employee Referral
- Social Media (LinkedIn, Twitter, Facebook, Other)
- Other

2. If you learned about this vacancy from "other source" or "other website", please provide the source.

(Open Ended Question)

3. * Do you have a combination of training and experience required to perform the duties and responsibilities of the position?

- Yes
- No

4. * Do you have at least 1 year research experience in biochemistry, molecular biology, or related fields?

- Yes
- No

5. * Describe your experience with molecular cloning, recombinant protein expression and/or purification in a variety of expression systems.

(Open Ended Question)

Application Materials Required

Required Documents

1. Resume
2. Cover Letter
3. Contact Information for References

Optional Documents

AA/EEO In addition, NC State welcomes all persons without regard to sexual orientation. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to start date.