

# Postdoctoral Research Associate

## Posting Details

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### Position Information

<b>Posting Number</b>	PG191340PD
<b>Position Number</b>	00111074
<b>Position Type</b>	Post Doc
<b>FLSA</b>	Exempt

### Departmental Information

<b>Department ID</b>	147501 - Biomedical Program - ENG
<b>Department</b>	147501 - Biomedical Program - ENG
<b>Job City &amp; State</b>	Raleigh, NC

## Position Information

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### Position Overview

**Essential Job Duties** To hire a full time Post-Doctoral Scholar in order to conduct biomedical research and to develop innovative technologies to investigate gliogenesis.

#### **Other Duties and Responsibilities:**

- Review scientific literature on adaptive imaging devices, image processing, machine learning and tissue clearing
- Develop imaging systems for various biomedical applications, including system integration, optical design and more
- Conduct research on advanced applications of tissue clearing and computational microscopy related to gliogenesis
- Work with other members of the lab and of other labs to conduct collaborative scientific research
- Write and publish scientific papers in peer reviewed journals and submit abstracts to conferences each year
- Write fellowship applications and work with Dr. Grinbaum on grant applications
- Contribute to day-to-day workings of the research lab

#### **Other Work/Responsibilities**

- Mentor under-graduate and graduate research assistants

### Requirements and Preferences

<b>Work Schedule</b>	Mon-Fri 8-5 or as needed by supervisor
<b>Department Required Skills</b>	PhD in Biomedical Engineering, Electrical Engineering, Physics, Computer Sciences, Mechanical Engineering or other quantitative discipline
<b>Preferred Years Experience, Skills, Training, Education</b>	Proficiency in programming (Python, MATLAB or other) Strong instrumentation experience
<b>Required License or Certification</b>	n/a
<b>Valid NC Driver's License required?</b>	No

Commercial Driver's License Required?

No

## Recruitment

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### Recruitment Details

**Anticipated Hiring Range** \$61,000-\$62,000

**If you anticipate multiple hires from this search, please indicate how many**

### Recruitment Dates

**Job Open Date** 10/01/2024

### Applicant Information

**Quick Link** <https://jobs.ncsu.edu/postings/208897>

### AA/EEO

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. Individuals with disabilities requiring disability-related accommodations in the application and interview process are welcome to contact 919-515-3148 to speak with a representative at the Office of Institutional Equity and Diversity.

If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or [workatncstate@ncsu.edu](mailto:workatncstate@ncsu.edu).

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit.

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.

## Supplemental Questions

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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
- HERC
- 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, or will you have by the start date, a relevant PhD awarded no more than five (5) years from initial date of postdoctoral appointment?

- Yes

- No

## **Applicant Documents**

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### **Required Documents**

1. Resume
2. Contact Information for References

### **Optional Documents**

1. Cover Letter