

Research Associate 5
Louisiana State University

Direct Link: <https://www.AcademicKeys.com/r?job=269030>

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Posted Dec. 3, 2025, set to expire Apr. 1, 2026

Job Title	Research Associate 5
Department	LSUAM Engineering - School of Electrical and Computer Engineering
Institution	Louisiana State University Baton Rouge, Louisiana
Date Posted	Dec. 3, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Research Scientist/Associate
Academic Field(s)	Robotics Mechanical Engineering Electrical and/or Electronics Computer Engineering Computer Science
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Research Associate 5

Full Time
R00107269

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All Job Postings will close at 12:01a.m. CST (1:01a.m. EST) on the specified Closing Date (if designated).

If you close the browser or exit your application prior to submitting, the application progress will be saved as a draft. You will be able to access and complete the application through "My Draft Applications" located on your Candidate Home page.

Job Posting Title:

Research Associate 5

Position Type:

Other Academic

Department:

LSUAM Engineering - School of Electrical and Computer Engineering (Shuangqing Wei (00007502))

Work Location:

3325 Patrick F. Taylor Hall

Pay Grade:

Job Description:

The Research Associate 5 candidate for the Electrical and Computer Engineering department will manage, oversee, and design engineering simulations, experiments and/or tests and collect data to ensure data integrity/control. Conduct research to identify solutions for data-driven modeling, communications, and networking of distributed maritime operations undertaken by both surface and underwater marine vehicles. Provides direct management support in initiating and developing contacts with grant/contract agencies and sources and in developing funding sources.

40% - Conduct research to identify solutions for data-driven modeling, communications, and networking of distributed maritime operations undertaken by both surface and underwater marine vehicles. Design algorithmic and software tools for decision making, communications, and networking of distributed marine operations. Maintains currency of knowledge with respect to relevant state-of-the-art technology, equipment, and/or systems.

35% - Manage, oversee, and design engineering simulations, experiments and/or tests and collect data to ensure data integrity/control. Responsibility for planning, organizing and directing the daily

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operations. Incumbent is responsible for budget development and management and for directing long range planning and policy development activities. Reviews and evaluates results of the simulations, experiments, and/or tests. Conducts highly advanced research to identify solutions for modeling and control of distributed maritime operations.

20% - Provides direct management support in initiating and developing contacts with grant/contract agencies and sources and in developing funding sources. Participates in major hearings, presentations, and public meetings to provide expert testimony, represent the project/program, and resolve significant issues which may impact or result from the research. Writes monthly reports and presentations for the research group and/or the funding agency.

5% - Other duties as assigned.

Minimum Qualifications

Master's degree in mechanical, electrical, or computer engineering, computer science, or robotics and 2 years of related experience as a research assistant in an area relevant to this position.

Degree Substitute: Ph.D in related field.

Preferred Qualifications

Ph.D in mechanical, electrical, or computer engineering, computer science, or robotics and 4 years of related experience.

This position is not eligible for sponsorship.

Additional Job Description:

Special Instructions:

Please attach three professional references and a copy of transcripts when applying. Official Transcripts required prior to hire. For questions regarding this position, please contact Dr. Shuangqing Wei at swei@lsu.edu.

Posting Date:

August 8, 2025

Closing Date (Open Until Filled if No Date Specified):

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Additional Position Information:

Background Check -An offer of employment is contingent on a satisfactory pre-employment background check.

Benefits - LSU offers outstanding benefits to eligible employees and their dependents including health, life, dental, and vision insurance; flexible spending accounts; retirement options; various leave options; paid holidays; wellness benefits; tuition exemption for qualified positions; training and development opportunities; employee discounts; and more!

Positions approved to work outside the State of Louisiana shall be employed through Louisiana State University's partner, nextSource Workforce Solutions, for Employer of Record Services including but not limited to employment, benefits, payroll, and tax compliance. Positions employed through Employer of Record Services will be offered benefits and retirement as applicable through their provider and will not be eligible for State of Louisiana benefits and retirement.

Essential Position (Y/N):

LSU is an Equal Opportunity Employer.

HCM Contact Information:

For questions or concerns related to updating your application with attachments (e.g., resumes, RS:17 documents), date of birth, or reactivating applications, please contact the LSU Human Resources Management Office at 225-578-8200 or email HR@lsu.edu. For questions or concerns regarding the status of your application or salary ranges, please contact the department using the information provided in the Special Instructions section of this job posting.

To apply, visit https://lsu.wd1.myworkdayjobs.com/en-US/LSU/job/3325-Patrick-F-Taylor-Hall/Research-Associate-5_R00107269

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

LSUAM Engineering - School of Electrical and
Computer Engineering
Louisiana State University

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