

**Postdoctoral Researcher - College of Engineering
Louisiana State University**

Direct Link: <https://www.AcademicKeys.com/r?job=264081>

Downloaded On: Dec. 4, 2025 5:05am

Posted Oct. 17, 2025, set to expire Feb. 13, 2026

Job Title	Postdoctoral Researcher - College of Engineering
Department	LSUAM Engineering - Department of Academic Affairs (Marwa Mohamed Hassan (00008972))
Institution	Louisiana State University Baton Rouge, Louisiana
Date Posted	Oct. 17, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Education Systems & Design Engineering - Other
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Job Description	

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Postdoctoral Researcher - College of Engineering

**Full Time
R00110080**

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

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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:

Postdoctoral Researcher - College of Engineering

Position Type:

Other Academic

Department:

LSUAM Engineering - Department of Academic Affairs (Marwa Mohamed Hassan (00008972))

Work Location:

2214 Patrick F. Taylor Hall

Pay Grade:

Job Description:

Conduct applied research on engineering education at the undergraduate level, which includes teaching sophomore level engineering and computer science undergraduate and/or graduate courses to test new educational methodologies and education/learning management modalities.

80% Conduct innovative research in engineering education by integrating teaching and learning activities into experimental research on instructional methods. Provide instruction and advisement at the undergraduate and graduate levels-including courses, small group sessions, recitations, and study sessions-as a means of testing, refining, and evaluating new educational approaches. Design and implement innovative instructional strategies and interventions and analyze qualitative and quantitative data to measure their impact on student learning. Develop and apply experimental approaches within emerging education and learning management modalities. Collaborate with faculty, students, and industry partners to identify challenges in engineering education, and pursue grant funding to support ongoing and new initiatives.

15% Mentor graduate and undergraduate students engaged in education-related research and publish findings in peer-reviewed journals and conference proceedings.

5% Other duties as assigned

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Minimum Qualifications:

Ph.D. in an Engineering Education or Engineering discipline

Demonstrated interest in engineering education research. Strong analytical skills and proficiency in data analysis methods. Excellent written and verbal communication skills, ability to work collaboratively in a team environment. Experience with curriculum development or instructional design is a plus.

Preferred Qualifications:

Ph.D in Engineering Education and 2-5 years of experience or more including graduate study.

- Background in a specific engineering discipline (e.g., mechanical, electrical, civil).
- Experience with mixed-methods research approaches.
- Familiarity with current trends and issues in engineering education.

Experience with teaching or teaching assistance.

Additional Job Description:

Special Instructions:

For questions concerning this position can be directed to Jessica Waters: Jessicawaters@lsu.edu

Posting Date:

October 2, 2025

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

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!

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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.

All candidates must have valid U.S. work authorization at the time of hire and maintain that valid work authorization throughout employment. Changes in laws, regulations, or government policies may impact the university's ability to employ individuals in certain positions. This position is not eligible for H1B visa sponsorship.

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/2214-Patrick-F-Taylor-Hall/Postdoctoral-Researcher---College-of-Engineering_R00110080

Contact Information

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

Contact

LSUAM Engineering - Department of Academic
Affairs (Marwa Mohamed Hassan (00008972))

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