

4 Fully Funded Ph.D. Student Positions in Construction
Management
Louisiana State University, Baton Rouge

Direct Link: <https://www.AcademicKeys.com/r?job=191908>

Downloaded On: Nov. 29, 2022 6:42am

Posted Aug. 8, 2022, set to expire Dec. 8, 2022

Job Title	4 Fully Funded Ph.D. Student Positions in Construction Management
Department	Bert S. Turner Department of Construction Management http://www.lsu.edu/eng/cm/index.php
Institution	Louisiana State University, Baton Rouge Baton Rouge, Louisiana
Date Posted	Aug. 8, 2022
Application Deadline	Oct. 1, 2022
Position Start Date	Jan. 1, 2023
Job Categories	Graduate Student
Academic Field(s)	Sustainable Engineering Robotics Industrial & Systems Engineering Human Factors Engineering/Ergonomics Energy Technology Electrical and/or Electronics Computer Engineering Computer Science Construction Engineering/Management Civil Engineering Architectural (Building & Construction) Engineering - Other
Apply By Email	chaowang@lsu.edu
Job Description	

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4 Ph.D. student positions with full financial support are available in Spring 2023 within the Bert S. Turner Department of Construction Management at Louisiana State University. The admitted students will pursue Ph.D. degree in construction management. The students are expected to work with Dr. Chao Wang, Associate Professor and Graduate Program Coordinator, in the general fields of construction automation and robotics, wearable data sensing and analytics, human factor and ergonomics, construction waste and pollution reduction. Funded Ph.D. students will have the opportunity to work on Dr. Wang's research projects funded by the National Science Foundation (NSF), the Department of Energy (DOE), and the Environmental Protection Agency (EPA). Dr. Wang's group also actively interacts with local businesses including general contractors, manufacturing facilities, and non-profit organizations for research collaborations and technical assistance, and you will learn skills and knowledge through hands-on experience through the projects to help you land a summer internship or full-time job after graduation. If you are passionate about the construction industry and future technology, this will be the place for you to grow and thrive.

The CM department has 22 faculty and 8 staff members. This growing collection of faculty and staff combines their strengths and talents to meet the teaching, research, and outreach of the Department. They are actively supported by a large construction industry base that has gifted funds for endowed chairs, professorships, scholarships, and discretionary funding. There are 1,302 students across four undergraduate degree programs (campus and online) that are studying to major, or intending to major, in construction or facilities management. In addition, we have 125 graduate students working towards a Master of Science in CM (campus and online) and 45 working towards their Ph.D. in CM. The LSU CM undergraduate and master's programs are accredited by the American Council for Construction Education (ACCE). The CM Department houses three federally funded centers: Industrial Innovation Center (IIC) funded by the US Department of Commerce's Economic Development Administration, Industrial Assessment Center (IAC) funded by the US Department of Energy, and the Region 6's University Transportation Center (Tran-SET) funded by the US Department of Transportation. There are over 82 active research grants and sub-grants within the CM Department totaling almost \$5 million annually.

Louisiana State University is one of the nation's premier public land-, sea-, and space-grant institutions, and is recognized as a "Very High Research Activity (R1) institution" under the Carnegie Classification system. LSU maintains high levels of research activity and high standards for teaching excellence, offering Bachelor's, Master's, and Doctoral degrees. The University is nationally recognized for its commitment to academic excellence, its positive work environment, its student engagement, and its beautiful campus. LSU is located in Baton Rouge, the second-largest city in Louisiana, which enjoys a thriving and diverse community.

Minimum Requirements:

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- B.S. in Engineering, Construction Management, Architecture, or related fields;
- Be interested in at least one of the abovementioned research areas;
- Good English communication skills and personality;
- Hard worker, fast learner, team player;
- Basic Python programming skills;

Preferred Requirements:

- M.S. in Engineering, Construction Management, Architecture, or related fields;
- Be able to enroll in Spring 2023 (early January 2023);
- Familiar with machine learning, deep learning, data statistics, and electronics;
- Good writing skills with conference paper or journal article writing experience;
- Have prior project experience with Python;

Interested applicants please email Dr. Chao Wang (chaowang@lsu.edu) indicating your research interest area together with your CV including GPAs, GRE/TOEFL scores, and publications (if applicable). The top candidates will be contacted for further discussions if selected. For other general program information and admission requirements (TOEFL, GRE, GPA, etc.), please refer to <http://www.lsu.edu/eng/cm/academics/phd/general-information.php>

Contact Information

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

Contact Dr. Chao Wang
Bert S. Turner Department of Construction
Management
Louisiana State University, Baton Rouge
3316B Patrick F. Taylor Hall
Baton Rouge, LA 70803

Phone Number 2255789175



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