

Faculty Positions in Built Environment and Sustainable  
Healthy Communities  
University of Alabama at Birmingham

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Posted Dec. 1, 2023, set to expire Jun. 1, 2024

<b>Job Title</b>	Faculty Positions in Built Environment and Sustainable Healthy Communities
<b>Department</b>	Department of Civil, Construction, and Environmental Engineering
<b>Institution</b>	University of Alabama at Birmingham Birmingham, Alabama
<b>Date Posted</b>	Dec. 1, 2023
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Ecological and Environmental Construction Engineering/Management Civil Engineering
<b>Apply Online Here</b>	<a href="https://uab.peopleadmin.com/postings/20182">https://uab.peopleadmin.com/postings/20182</a>
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<b>Job Description</b>	

**Faculty Positions in Built Environment and Sustainable Healthy Communities**

The Department of Civil, Construction, and Environmental Engineering (CCEE) in the UAB School of Engineering, and the Department of Environmental Health Sciences in the School of Public Health at the University of Alabama at Birmingham (UAB) invite applications from highly qualified individuals for multiple full-time, tenure-earning positions at the rank of Assistant Professor. Exceptional candidates will be considered at the rank of Associate, or full Professor, based on experience and qualifications. Applicants must hold a doctoral degree in Civil and Environmental Engineering, Environmental Health, or related fields

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and are expected to develop a rigorous externally funded research program in Built Environment and Sustainable Healthy communities, teach courses at the undergraduate and graduate levels, mentor students, and perform service activities. Joint appointments with any other department in the School of Engineering or School of Public Health will be considered if appropriate.

### Research Areas

Ideal candidates will have a strong record of inter-disciplinary research and scholarship in Built Environment and Sustainable Healthy Communities. Preference will be given to candidates with active research in one or more of the following areas: climate change and health, environmental health sciences, water and health, air pollution and health, community engagement, health monitoring, equity and social and environmental justice in health outcomes. Preference will also be given to candidates with a strong background in computational and data driven methodologies, sensor-based decision making, and systems approaches. Candidates will have the opportunity to collaborate with multiple existing centers and initiatives at UAB. Examples include but are not limited to: (i) Live HealthSmart Alabama (<https://www.uab.edu/livehealthsmart/>), (ii) Sanitation Health Program (<https://sites.uab.edu/sanitationhealthstudy/>), (iii) UAB Superfund Research Center (<https://www.uab.edu/medicine/src/>), (iv) Deep South Center for Occupational Safety and Health (<https://sites.uab.edu/dsc/>), and numerous university-wide research centers (<https://www.uab.edu/research/home/uwirc/>).

### The Department of Civil, Construction and Environmental (CCEE) Engineering, School of Engineering

The Department of Civil, Construction, and Environmental Engineering (CCEE) boasts a thriving undergraduate program, multiple highly ranked online Master of Engineering programs, and MS/PhD programs. CCEE faculty conduct research in the built environment, congestion management, infrastructure resiliency, and high-performance structural materials. Birmingham is home to major construction companies that generate over \$6.5 billion in annual revenue. The department has a 100 percent placement rate for graduates seeking jobs and 85 percent of undergraduates in the department complete a regional internship or co-op during their time at UAB. The Department has strong, longstanding working relationships with the Alabama Department of Transportation, the Regional Planning Commission of Greater Birmingham and the City of Birmingham. CCEE has coordinated degree programs and established research collaborations with UAB's School of Public Health (SPH), which is ranked in the top-20 nationally by US News and World Report. More information about the CCEE department at UAB can be found at: <https://www.uab.edu/engineering/civil/>

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**The Department of Environmental Health Sciences, School of Public Health**

The Department of Environmental Health Sciences contributes to a robust undergraduate program and houses three masters-level graduate programs. The department also has a strong doctoral research program. EHS faculty conduct research in the built environment, air pollution, water pollution, food safety, exposure sciences, risk assessment, climate and health, and occupational safety and health. Environmental health risk factors are investigated in the context of physical and mental health including maternal child health, neurodevelopment, respiratory disease, cancer, metabolic disease, neurological health, and healthy aging. Faculty use a variety of research strategies from bench research using controlled experimentation to population research to community-based participatory research. Research activities are funded by several extramural agencies including the NIH, NIOSH, USEPA, NSF, NOAA, and USDA. More information about the EHS department in the SOPH at UAB can be found here at: <https://www.uab.edu/soph/home/ehs>.

**The University of Alabama at Birmingham**

The University of Alabama at Birmingham (UAB) is a Carnegie Level 1 research university and academic health center with more than 22,000 students and 2,400 full-time faculty members. The University has made great advances across several metrics in recent years, including enrollment, student academic quality, and research productivity. UAB is internationally renowned for its intensely collaborative culture that has — for more than five decades — produced breakthroughs in education, health care, research, and service. UAB was ranked #1 in the United States for 2018 and 2019 in the Times Higher Education World University Rankings for Young Universities. In 2021, UAB was named America's number one best large employer by Forbes, topping a list of more than 500 public and private corporations, hospitals, and universities. In addition, Forbes named UAB number four in the nation for diversity among large employers. Spanning more than 100 city blocks, UAB is the state of Alabama's largest single employer with nearly 28,000 employees and has an annual, state-wide economic impact exceeding \$12.1 billion. U.S. News & World Report's 2022 "America's Best Graduate Schools" ranks 16 UAB graduate programs among the nation's top 25 and eight UAB specialties were ranked among the nation's top 50 in the magazine's 2022-2023 Best Hospitals report. UAB research grants and awards are at a record high, totaling \$715 million in FY22 - a 50% increase over the past five years. UAB ranks 33rd among all universities in federal research funding and 17th among public universities. UAB's NIH funding continues to grow among peer institutions in the Southeast and beyond, with the university ranking 25th among all universities in NIH funding and 11th among public universities.

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### **Required Application Documents**

Review of applications will begin January 1, 2024 and continue until positions are filled. Applications may be submitted online at

<https://uab.peopleadmin.com/postings/20182>. Applications should include a cover letter outlining interest and qualifications (including research and teaching), a CV, a diversity statement, and contact information for at least three professional references. References will not be contacted without permission of applicants, and formal letters of reference will be requested for finalists only. Questions may be directed to Dr. Avinash Unnikrishnan, Chair of Civil, Construction, and Environmental Engineering, SOE, at [aunnikri@uab.edu](mailto:aunnikri@uab.edu) or Dr. Jeff Wickliffe, Chair, Department of Environmental Health Sciences, SOPH at [jkwickli@uab.edu](mailto:jkwickli@uab.edu)

### **EEO Statement**

UAB is an Equal Opportunity/Affirmative Action Employer committed to fostering a diverse, equitable and family-friendly environment in which all faculty and staff can excel and achieve work/life balance irrespective of race, national origin, age, genetic or family medical history, gender, faith, gender identity and expression, or sexual orientation. UAB also encourages applications from individuals with disabilities and veterans.

### **Pre-employment Background Check**

A pre-employment background check investigation is performed on candidates selected for employment.

### **Contact Information**

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

### **Contact**

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