

Hi Civil and Environmental Engineering Graduate Students,

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Professional Development

CWEA SYP Free Webinar - November 9



Webinar on Private Versus Public Wastewater Career Options

NOVEMBER 9, 2021

12:00 p.m.

No contact hours are available for this event

CWEA's Students and Young Professional's committee proudly presents a lunchtime webinar featuring three speakers who have all made the leap between private industry and public utilities.

During this webinar you will learn about these two career paths and what factors to consider when making your own career decisions. Feel free to bring your own questions for an open Q&A with the speakers at the end of the webinar.

REGISTER

Ford Foundation videos and slide deck

Dr. Inés Hernández-Ávila and Christina Thomas has graciously agreed to share the two workshop videos and slide deck. Please see both to gain valuable insights into applying for Ford Fellowships using this [link](#)

Free Webinar – Green Cards for Scientific Researchers: How to Win Your EB-1A/NIW Case

Join us for the Biophysical Society's upcoming webinar, [Green Cards for Scientific Researchers: How to Win Your EB-1A/NIW Case](#), November 16, 2021, at 2:00 PM Eastern Time.

[When is this in your time zone?](#)

Sponsored by the immigration law firm of Getson & Schatz, P.C., this webinar will teach you everything you need to know about the US immigration process and how you can maximize your chances of winning your EB-1A/NIW green card.

Presenter Brian H. Getson, Esq., is a leading US immigration lawyer who represents scientific researchers in applying for green cards in the EB-1A, EB-1B, and NIW categories. For more information, visit the Getson & Schatz, P.C.

This webinar is **FREE** for all. [Register today!](#)

Job Opportunities

NYU hiring two environmental engineering faculty members

Tenure-Track Assistant Professor: Urban Hydrology and Climate Change

This search is part of a university-wide cluster hire in Predicting Climate Change and its Impacts: From the Global to Urban Scale that includes the departments of Civil and Urban Engineering, Mathematics, Computer Science, and the Center for Data Science. The ideal candidate should have a research portfolio at the nexus of urban hydrology and climate change, including but not limited to modeling urban hydrology, compound coastal flooding, and flows through urban water infrastructure (such as combined sewer systems and stormwater infrastructure); effects of climate change on flood hazards in urban systems; stormwater and coastal flood impacts to infrastructure, communities, and accessibility; flood hazard adaptation and mitigation (such as infrastructure resilience); advanced hydrological modeling and sensing with actionable use of data and application to local decision-making; and topics at the intersection of urban hydrology, community impacts, and environmental justice.

More information can be found here: <https://apply.interfolio.com/97598>

Non-tenured, Full-time, Renewable Teaching Faculty Position in Environmental Engineering

We invite applicants for classroom and laboratory teaching in all areas of environmental engineering, with particular emphasis on one or more aspects of process design, including: biological or physico-chemical treatment processes for water, wastewater, stormwater, and/or soil; treatment system design; water and wastewater reuse technologies; urban water quality; and integrated water resources management.

More information can be found here: <https://apply.interfolio.com/95887>

Tenure-Track Assistant Professor in Transportation Engineering - University of New Mexico

There is a tenure-track assistant professor faculty position in Transportation Engineering at the Department of Civil, Construction and Environmental Engineering, University of New Mexico. Please encourage qualified candidates to apply.

<https://careers.asce.org/job/127706/tenure-track-assistant-professor-transportation-engineering/>

<https://jobs.chronicle.com/job/402642/tenure-track-assistant-professor-transportation-engineering/>

Junior Faculty Search in CEE at Stanford University

The Department of Civil and Environmental Engineering at Stanford University is conducting a broad search for a junior faculty member. Candidates in environmental engineering and science are encouraged to apply. Please see the attached ad.

Tenure-track Assistant Professor Position in Atmospheric or Climate Sciences at UCLA

The UCLA Department of Atmospheric and Oceanic Sciences (AOS) invites applications for a tenure-track, assistant professor position in any aspect(s) of Atmospheric or Climate Sciences. The Department is seeking outstanding candidates with the potential for exceptional research, the capacity for excellence in teaching, and a clear commitment to enhancing the diversity of the department. Individuals with a history of and commitment to mentoring students from underrepresented minorities are especially encouraged to apply.

The UCLA Department of Atmospheric and Oceanic Sciences is a vibrant and collaborative department with faculty interested in atmospheric, climate, oceanic, and space sciences. Considerations in the evaluation of applicants include the ability of applicants to complement and further contribute to UCLA's long-standing strengths in atmospheric and climate research and education, as well as a clear commitment to enhancing the diversity of AOS faculty members, the graduate student population, and undergraduate majors within the field.

The successful applicant must hold a Ph.D. (or equivalent) degree at the time of appointment. They will be expected to lead or develop a first-rate research program in Atmospheric or Climate Sciences, advance the teaching mission of the AOS department, at both the graduate and undergraduate levels, and contribute to diversity, equity, and inclusion efforts at UCLA. Salary will be commensurate with education and experience. The target start date is on July 1, 2022.

Please submit your online application to the Search Committee for a faculty position in Atmospheric or Climate Sciences at <https://recruit.apo.ucla.edu/apply/JPF06993>. Please include: (1) curriculum vitae; (2) cover letter; (3) a statement of current research and future direction; (4) a statement of teaching philosophy; (5) a statement of contributions to diversity, and (6) a list of 3-5 individuals who are familiar with your work and can serve as references.

UCLA has programs to assist in partner employment, childcare, schooling, and other family concerns. For additional information, visit the UCLA Academic Personnel Office website or the UC Office of the President's website.

Applications are due by January 15, 2022, but the position will remain open until filled. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants

will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy please follow this link: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.

Tenure Track Assistant Professor in Water Resources Engineering

California State University, Fresno is hiring a tenure-track assistant professor in water resources (<https://careers.fresnostate.edu/en-us/job/505267/water-resources-assistant-professor>).

Faculty Position in Environmental Engineering at the University of Michigan

The Department of Civil and Environmental Engineering at the University of Michigan invites applicants for a faculty position in environmental engineering. The search is at any rank, and applicants from all environmental engineering disciplines are encouraged to apply. The preferred start date is August 29, 2022. They seek candidates demonstrating exceptional innovation and creativity who are interested in areas that align with the CEE department's five strategic directions: Human Habitat Experience; Shaping Resource Flows; Adaptation; Autonomy; and Smart Infrastructure Finance.

Please refer to the attached posting for a full description of the required components of the application. Applications may be submitted at <http://apply.interfolio.com/96054>. Reviews of applications will begin on December 1, 2021, and will continue until the position is filled. Inquiries regarding this position may be directed to Prof. Christian Lastoskie, the Search Committee Chair, at cmlasto@umich.edu.

Drexel University cluster hiring: civil engineering positions in CAEE

Drexel University is currently hiring 2 Tenure Track Assistant Professors in Civil, Architectural and Environmental Engineering (CAEE).

The search positions are briefly described below. The search is broad. They are quite open to candidates in **Transportation engineering, Structural engineering, or Geotechnical engineering**.

Read below for the more specific descriptions:

The Drexel CAEE Department is hiring tenure track Assistant Professors in the two broad themes of (1) Smart, Integrated Cities and (2) Energy and Sustainability.

1. **Smart, Integrated Cities.** The successful candidate for this position will work at the intersections of academic units across the College of Engineering to build a dynamic and exciting research program in the areas of: (i) physical-cyber infrastructure and/or (ii) design and management of next-generation urban transportation systems. The scope of this position is broadly defined, but candidates with a focus in Transportation Eng., Structural Eng. or Geotechnical Eng are strongly encouraged to apply. To apply for this position, please visit [Careers at Drexel](#). For questions, please contact [Ivan Bartoli](#).
2. **Energy and Sustainability.** The successful candidate for this position will work at the intersections of academic units across the College of Engineering to build dynamic and exciting research in any one or more of the following areas: (i) building systems or technologies, including modeling and data analytics, (ii) environmental

issues related to resilience and vulnerability, (iii) impacts of climate, pollution, and land use, or (iv) sustainable cities and infrastructure needs for cities of the future. To apply for this position, please visit [Careers at Drexel](#). For questions, please contact [Jin Wen](#).

Texas A&M Faculty Position

The Zachry Civil & Environmental Engineering Department of the College of Engineering at Texas A&M University is seeking applications for a full-time, tenured or tenure-track faculty position with a 9-month academic appointment, beginning fall of 2022. Applicants will be considered at the assistant professor, associate professor and professor level for a position in civil & environmental engineering with a focus on automation, autonomous systems, and/or data sciences in civil infrastructure systems and processes. The successful candidate should demonstrate strong, fundamental knowledge and the ability to apply experimental, analytical, data-science, artificial intelligence, control, or modeling methods. They are particularly interested in candidates that are capable of contributing to interdisciplinary teams focused on automation in transportation systems and networks, connected and automated vehicles, automation in construction, data analytics, smart city technologies, autonomous service delivery, and integrated urban design.

Candidates applying at the assistant professor rank should demonstrate rigorous training in a core area of civil engineering, data science, or automation, and strong potential to affect the field through original scholarship, excellent teaching and student mentoring, and service to the university and profession. Applicants at the associate professor rank must have an established research record demonstrating the ability to advance engineering through the application of fundamental knowledge, evidence of excellence in teaching and student mentoring, and should demonstrate the potential to become a leader in their field. Applicants at the full professor rank must be a leader in their field with an international reputation for research, teaching, and service.

The successful applicant will be expected to teach at the graduate and undergraduate level; advise and mentor graduate and undergraduate research students; develop an independent, externally funded research program; participate in all aspects of the department's activities; and serve the profession. Strong written and verbal communication skills are expected. Applicants are invited to consult the department website to review our academic and research programs, including the vision and mission of the Department and the College of Engineering.

Department Info

The Zachry Department of Civil & Environmental Engineering at Texas A&M is proud to be among the top civil and environmental engineering programs in the country, ranked 8th in undergraduate programs and 9th in graduate programs at public institutions. Texas A&M civil engineering graduates are highly recruited and widely regarded as among the most work-ready young engineers in the country. The department currently has 54 tenured and tenure-track faculty and 17 academic professional track faculty members. Our student population is comprised of 725 undergraduate students (sophomore to senior level) and close to 500 graduate students. For more information on the department, please visit engineering.tamu.edu/civil.

Qualifications

Applicants must have an earned doctoral degree in civil engineering, or a closely related engineering or science discipline at the time of the appointment.

Application Instructions

Applicants should submit a cover letter, curriculum vitae, teaching statement, diversity statement and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at apply.interfolio.com/97772. Full consideration will be given to applications received by **January 31, 2022**. Applications received after that date may be considered until position(s) are filled. It is anticipated the appointment will begin fall 2022.

Job Contact: Anna Kjolen, akjolen@tamu.edu

Equal Employment Opportunity Statement

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our **mission** and living our **core values**.

Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.

TA Opportunities

Winter 2022 TA Positions – HISTORY

The History Department is seeking applications for Teaching Assistants for the Winter 2022 Quarter. These positions will be for HIS 4B, HIS 9C, HIS 10C, HIS 12, and HIS 18B and will be 50% of full time. Interested applicants can preview the [expanded course descriptions](#) on our website. As of 10/15/21 all courses are being taught in-person.

The workload would be:

50% TA: 3 sections of 15 students each (45 total)

Applicants are required to submit a cover letter and CV which specifically describe how they meet the qualifications for these positions (see qualifications below). Applications without cover letter and CV will not be considered.

If you have previously served as a TA or Reader for History, please note this (and the courses for which you served) on your cover letter and/or CV.

Teaching Assistants-

Definition: An academically qualified and registered graduate student in full-time residence chosen for excellent scholarship and for promise as a teacher, who is assigned to assist in the delivery of instruction under the active tutelage and supervision of a faculty member. The majority of graduate students who perform instructional functions are assigned to the Teaching Assistant title.

Responsibilities: Assist the supervising faculty member by conducting discussion sections that supplement faculty lectures; and by grading assignments or examinations. Teaching Assistants may provide input into the development of assignments or exams, and hold office hours. No prior teaching experience is required for appointment. The final responsibility for the content of the course rests with the supervising faculty member. A Teaching Assistant is not independently responsible for the instructional content of a course, selection of assignments, planning, examinations, determination of student grades or decisions on grade appeals; and is not assigned full instructional responsibility for an entire course.

Applicants must be graduate students that meet all of the eligibility requirements set by the Office of Graduate Studies for employment.

Qualifications: Background in History or related field of study.
Experience teaching reading and writing intensive courses, specifically giving feedback on writing assignments.

Degree Level: Bachelor's or Master's

Desired Skills: Writing, Social Sciences, Humanities, Grading

Desired Majors: Social Sciences and Humanities

Salary Level: \$5,165.89/month (fulltime)

All interested applicants should apply via Handshake (Job ID# 5500827)

Winter 2022 TA and Reader Positions in AAS, AMS, and GSW/WMS

50% TA positions for AMS 10, AMS 59, and WMS 182 for Winter 2022 available. If you are interested in these positions, please apply on Handshake (**Job #5551273 for AMS; Job #5551365 for WMS**).

As for Reader openings, they have **AAS 145A, AAS 176, AAS 183A, and AMS 130** available, all at **25%**. The job number on Handshake is **5551145**. Please email ajuline@ucdavis.edu if you have any questions. The application window will remain open until **November 12, 2021 for TAs**, and **November 24, 2021 for Readers**. These dates are subject to change dependent on when the instructor would like to make their decision. Here is some more information on the courses:

AMS 10: Introduction to American Studies with Grace Wang (MW 1:40-3pm)

Ideals, conflicts, and realities defining American Cultures through study of popular music, advertising, and other media. Themes include Imagining America, Citizenship and Belonging, and Cultural/Spatial Practices.

50% TA Position

AMS 59: Music & American Culture with Jemma DeCristo (TR 10:30-11:50am)

Examination of music and American culture. Students will explore music in its cultural contexts, which may include examinations of recording and broadcasting, of race, class, and gender, the role of technology, and relationships between musical production, consumption and listening.

50% TA Position

WMS 182: Globalization, Gender, & Culture with Maya Cruz (AI) (TR 12:10-2pm)

Critical gender analysis of globalization as a process of interconnected cultural, social and economic transformations inflected by gender, nation, class and race/ethnicity. Critical self-reflection and social observation skills.

50% TA Position

AAS 145A: Black Social & Political Thought with Benjamin Weber (MW 2:10-4:00pm)

Exploration and analysis of Black social and political thought in the Americas.

25% Reader

AAS 176: The Politics of Resources with Elizabeth Mukiibi(TR 4:10-6:00pm)

Examination of the ways in which the processes of the extraction, purification and use of natural resources and the complex regimes of valuation and commodification they (re)produce lead to cooperation and conflict in contemporary Africa and beyond.

25% Reader

AAS 183A: Police, Prison, & Protest with Benjamin Weber(MW 10:00-11:50am)

Study of the history and current state of policing, prisons and protest movements in the U.S. through Black Studies framework and methods.

25% Reader

AMS 130: American Pop Culture with Megan Bayles (TR 12:10-1:30pm)

American popular expression and experience as a cultural system, and the relationship between this system and elite and folk cultures. Exploration of theories and methods for discovering and interpreting patterns of meaning in American popular culture.

25% Reader