

## **University of Washington Tacoma**

### **Professor or Associate Professor in Civil Engineering**

The School of Engineering and Technology (SET) at the University of Washington Tacoma (UW Tacoma) is seeking a foundational leader in civil engineering education and research to take on a leadership role in designing, building, and implementing a newly approved Bachelor of Science degree in Civil Engineering. SET is a vibrant and rapidly growing school that is guided by the campus core values of excellence, community, diversity and innovation in the South Puget Sound region. A newly approved mechanical engineering program is also being designed and implemented simultaneously.

Applications are sought for a tenured Professor or Associate Professor position. Candidates at the Professor rank are preferred, but applicants who are currently Associate Professors with leadership experience in curriculum and research program development will also be considered. The successful candidate will be the founding faculty member in Civil Engineering at UW Tacoma and is expected to lead and build the program on a multi-year growth plan. This is a 9-month full-time position with an expected start date of September 2020. In the first academic year (September 2020 – June 2021), the successful candidate is expected to focus on curriculum and program design with limited teaching responsibilities.

A Ph.D. (or foreign equivalent) in Civil Engineering or a closely related field is required. SET is particularly interested in candidates with demonstrated experience in curriculum and research development, a strong commitment to mentoring junior faculty, serving under-represented populations, and enhancing the diversity of STEM education. Candidates with expertise in construction, transportation, structural engineering, water resources and environmental engineering are preferred, though qualified applicants in all areas of civil engineering will be considered. Experience with ABET-accreditation is highly desirable.

The University of Washington (UW) Tacoma, one of three UW campuses, is an urban undergraduate and graduate level campus that is evolving economically, culturally, and architecturally together with the region it serves (South Puget Sound region). The School of Engineering and Technology (SET), formerly known as the Institute of Technology, was created in 2001 through a public/private partnership to address the critical demand for producing baccalaureate and masters level computing and engineering professionals in the South Puget Sound. SET's 850+ students are currently enrolled in four undergraduate degree programs: Electrical Engineering, Computer Engineering and Systems, Computer Science and Systems, and Information Technology, in addition to a Master of Science degree in Computer Science and Systems, and a professional master's degree in Cybersecurity and Leadership, which is managed in partnership with UW Tacoma's Milgard School of Business. Our MS in Computer Science and Systems has recently expanded by adding interdisciplinary, data centric tracks that leverage the research strengths of other academic units on campus, particularly in Data Science, GIS, Bioinformatics, Distributed Systems, Cybersecurity and Cyber-Physical Systems.

SET will be expanding its degree offerings with state approved funding, to start Mechanical Engineering and Civil Engineering starting in fall 2020. There are plenty opportunities for collaboration between different programs within SET and other schools at UW Tacoma, including the Center for Urban Waters, the Urban Studies program and the Environmental Science program in the School of Interdisciplinary Arts and Sciences. Other opportunities also

exist with programs in both Tacoma, Seattle, and Bothell campuses, such as on transportation systems, autonomous vehicles, and smart buildings.

UW Tacoma is a 46-acre, urban-serving campus that currently serves approximately 5400 students. The campus consists of architectural award winning LEED certified retrofitted historical buildings, set in the midst of the city's museum mile situated on the high-technology corridor of Puget Sound, offering views of the historic Foss Waterway and Mount Rainier, while providing an incomparable gateway to Pacific Northwest recreation opportunities. Also, UW Tacoma's commitment to diversity and inclusion is central to maintaining an atmosphere wherein students, staff, faculty and residents find abundant opportunities for intellectual, personal and professional growth. UW Tacoma faculty engage in teaching, research, and service and generally participate in lower division, upper division, and graduate instruction.

Applicants should include:

(1) A cover letter describing their academic qualifications, leadership and professional experiences, how they will bring value to the development of the curricula of the new civil engineering program, how they will develop a research program in civil engineering, as well as how they will interact with faculty in other programs in SET.

(2) A diversity statement describing how their teaching, service and/or scholarship has supported the success of students from racial, ethnic, and gender backgrounds that are underrepresented in their academic field. Applicants who have not yet had the opportunity for such experience should note how their work will further UW Tacoma's commitment to equity and inclusion.

(3) A statement describing the candidate's vision for the future growth of the newly approved civil engineering program, including a description of their research and teaching philosophy and an outline of how they will contribute to the program's goals and plans.

(4) A curriculum vitae, and

(5) Contact information for at least three professional references.

Applications must be submitted electronically to <https://www.interfolio.com>. Questions related to this position are to be directed to the search committee at [uwtcivilenr@uw.edu](mailto:uwtcivilenr@uw.edu).

This position will remain open until filled, however applications received before December 6, 2019 will receive a priority review. Applicants are strongly encouraged to complete the Equal Employment Opportunity questionnaire that is linked to the confirmation email. This information will not be shared with the search committee.

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, protected veteran or disabled status, or genetic information. UW Tacoma faculty engage in teaching, research, and service and generally participate in lower division, upper division, and graduate instruction.