



University of Nevada, Reno

Post-Doc Research Position

The University of Nevada is looking to hire a postdoc starting in the Summer or Fall of 2023. The post-doc will conduct research under the supervision of Dr. David Hanigan. The post-doc will have the opportunity to collaborate across multiple research areas, departments, and projects funded by the Strategic Environmental Restoration and Development Program and the National Science Foundation.

The post-doc will support and/or lead research in determining the fate of gas-phase per- and polyfluoroalkyl substances (PFAS), investigating products of incomplete thermal destruction of PFAS during incineration and GAC regeneration, and potential remediation approaches for PFAS leaching from contaminated pavement. Other ongoing research is related to water resiliency in arid regions, determining the impacts of wildfire on drinking water source quality, and solutions resulting in the reduction of disinfection byproduct formation in drinking water.

The candidate should have strong problem solving and troubleshooting skills and be eager to work with his/her hands daily. A PhD in environmental engineering, chemistry, or closely related field is required at the time of appointment. A background in FTIR and mass spectrometry will be viewed favorably. Leadership skills and an ability to work on more than one project are required as the postdoc will help to advise PhD, MS, and undergraduate students associated with multiple active research areas. The start date is flexible and salary commensurate with experience. Benefits are included. The appointment will be for 1 year with the possibility of renewal. The post-doc will be encouraged to present at national conferences, collaborate on and individually develop research proposals under the mentorship of Dr. Hanigan, and publish results in peer-reviewed journals.

Dr. Hanigan joined the department in the Fall of 2016 as an Assistant Professor and was promoted to Associate Professor in 2022. His team broadly focuses on water treatment, environmental chemistry, and analytical methods. More information about the team and active research can be found at <http://www.dhanigan.com>. Prospective applicants should email a current CV and statement of research interests (2 pg maximum) as a single PDF to DHanigan@UNR.edu. Applications received prior to May 1st will be viewed favorably.

Department of Civil and Environmental Engineering
College of Engineering
Scrugham Engineering and Mines, MS-0258
1664 N. Virginia St.
Reno, NV 89557-0528
(775) 682-7517



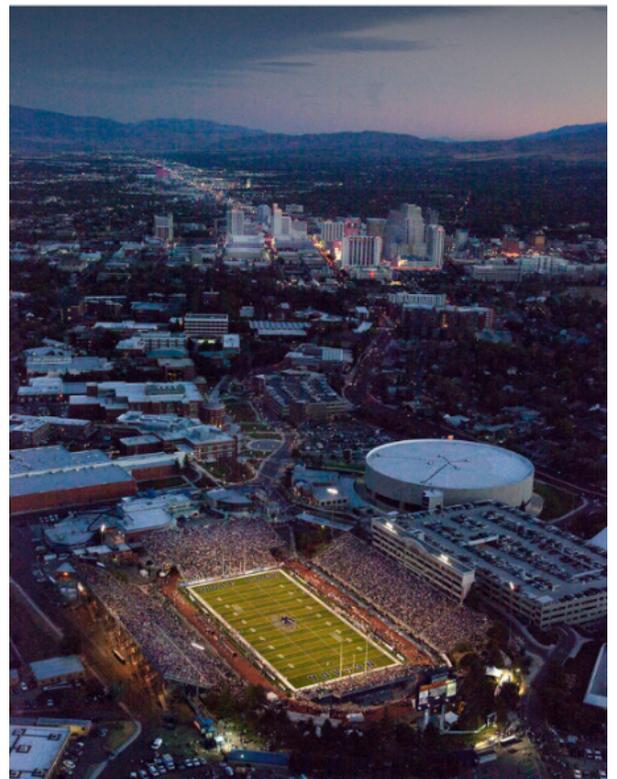
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About the Campus: The University of Nevada, Reno is the state Land Grant university located in Reno, NV (pop. 450,000 Elev. 4,700 ft.). It is Carnegie classified as having very high research activity (R1). Reno is in the rain shadow of the Sierra Nevada Mountains which provides the city with >300 days of sunshine per year. Lake Tahoe, home of the 1960 winter Olympics, is approximately 40 miles from campus. San Francisco and Napa/Sonoma are 3.5 hours away. Annual enrollment is ~22,000 students. Both Civil and Environmental Engineering are nationally ranked in the top 100 by US News and World Report (#57, #70, respectively).



For information on Reno, the campus, and graduate life here, visit:

<http://www.unr.edu/gsa/living-in-reno>



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