ENGINEERING ASSOCIATE

Posting ID: IN18A1337A

Company: Great Basin Institute

Company Website: https://www.thegreatbasinstitute.org/

Work Location: Lake Mead NRA (Boulder City, NV)

Position Type: Ideally full-time, though flexibility may be afforded for the right student

Salary: Rate of Pay will be commensurate with academic standing, experience and range between $15.95/hour (undergraduate program and experience) and $21.50/hour (graduate program and experience)

College Major(s): Civil Engineering (CEE), Construction Management (CEM), Mechanical Engineering (ME), Electrical/Computer Engineering (EE/CpE)

College Level(s): Undergraduate-Junior, Undergraduate-Senior, Graduate Student, Alumni

OVERVIEW

The Great Basin Institute is an interdisciplinary field studies organization that promotes environmental research, education, and service through the west. The Institute’s mission is to advance applied science and ecological literacy through community engagement and agency partnerships, supporting national parks, forest, open spaces and public lands. We are recruiting a Research Associate (RA) to serve as an Engineering Associate who will support infrastructure projects at Lake Mead NRA and will come to understand the mission of the National Parks Service (NPS) and the role that engineers play in maintaining NPS infrastructure.

Roles and Responsibilities

The Engineering Associate will work with National Park Service engineers and scientists on ongoing design, research and or testing, and will be matched with the most appropriate mentor and project depending on interest areas and education. The RA will support Lake Mead in addressing its deferred maintenance backlog. Project areas include: (1) Development and rehabilitation of water supply, treatment, and distribution systems, wastewater collection and treatment systems, and roads and trails; (2) Research to improve infrastructure durability; or (3) Research on water quality, water resources planning, and environmental or ecosystems issues.

Education and Qualifications

The successful candidate should be enrolled in or a graduate of an undergraduate or graduate program in engineering or related physical science field; possess an ability to work both within a team setting, but also independently; Show maturity, responsibility and adaptability with a
demonstrable willingness to learn; demonstrate the ability to effectively communicate orally and in writing to a diverse audience; be self-motivated with ability to maintain a positive attitude; and possess a valid, clean, state-issued driver’s license.

Please note that prior to starting internship the successful applicant will need to complete a Department of Interior (DOI) Background Investigation (BI). Applicants that already possess a fully adjudicated BI should clearly state that in their cover letter.

Preferred Skills
Though not required, candidates who can express prior experience with or exposure to projects related to water delivery or reclamation and/or wastewater disposal are highly encouraged to apply. Applicants with an understanding of local (desert southwest) water issues are also encouraged to apply.

How to Apply