



# MOONSHOT MISSIONS

## WHY JOIN US?

If you are passionate about water issues and environmental equity, please consider joining our Moonshot Missions (MM) team! Moonshot Missions is led by George Hawkins, a visionary leader in the water sector and well known across the water sector for transforming DC Water into an innovative, customer-driven enterprise. We are a small but rapidly growing non-profit start-up, working directly to improve stream health and drinking water quality, as well as affordability and resiliency for underserved communities. Whether you are just launching your career or looking to broaden your experience in the water industry, becoming part of Moonshot Missions will enable you to work alongside veteran water leaders, make a direct impact on our sector, while helping to ensure safe and clean water is delivered to the people who need it most!

To learn more about us visit: [www.moonshotmissions.org](http://www.moonshotmissions.org) or email us: [jobs@moonshotmissions.org](mailto:jobs@moonshotmissions.org)

## POSITION DESCRIPTION

Moonshot Missions seeks a research associate volunteer to serve as a technical resource to the organization, reporting to the Senior Director and supporting the Research Team. The associate will apply research and knowledge to address the challenges facing drinking water and wastewater utilities, particularly in economically distressed communities. Moonshot Missions is currently working on topics related to environmental equity, such as lead in drinking water, providing access to clean water in Tribal communities around the US, and leveling the playing field in the water sector so every American has access to enough, clean and affordable drinking water and sanitation services.

<b>Position Title</b>	<b>RESEARCH ASSOCIATE VOLUNTEER</b>
<b>Time Commitment</b>	20-40 hours per week, six-month duration with the potential for an extension. Working hours (times) are flexible.
<b>Classification</b>	Volunteer
<b>Educational Qualifications</b>	Required: <ul style="list-style-type: none"><li>- Enrolled in or completion of a bachelor's program in Engineering or related field, including coursework in basic engineering principles and engineering design.</li></ul> Desirable: <ul style="list-style-type: none"><li>- Bachelor's, Master's or Ph.D. in Engineering or related field, including coursework in basic engineering principles and engineering design.</li></ul>
<b>Desired Qualifications</b>	<ul style="list-style-type: none"><li>- Knowledge of and/or experience with engineering issues pertaining to drinking water and/or wastewater treatment, drinking water and wastewater collection and distribution systems, and/or stormwater management.</li><li>- Interest and experience in the water and wastewater utility sector, specifically related to the engineering, operations and maintenance of these systems.</li><li>- Ability to identify and review technical studies, interpreting and extracting relevant information.</li><li>- Effective written and verbal communication skills, ability to present technical information in clear, easy to understand language.</li><li>- Pursuing or in possession of an EIT or PE license.</li><li>- Ability to interact positively in an evolving, fast paced team environment.</li></ul>
<b>Job Duties</b>	<ul style="list-style-type: none"><li>- Conduct research on water and wastewater utilities using publicly available information.</li><li>- Review and interpret documents highlighting the operational, managerial and financial characteristics of prospective and current utility clients.</li><li>- Identify economic, social and environmental characteristics of the communities served by utilities.</li></ul>



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<b>Job Duties (cont'd)</b>	<ul style="list-style-type: none"><li>- Research and participate in learning about field-tested and innovative water and wastewater utility solutions that can improve service delivery and reduce costs for Moonshot Missions utility clients.</li><li>- Develop Moonshot Missions modules, standard guidance documents that provide solutions and steps to implementation for specific water and wastewater utility issues that can be applied by and among utility clients.</li><li>- Support the Moonshot Missions team in engaging with prospective and current utility clients, including the evaluation and identification of potential utility challenges and recommendation of effective and field-tested solutions.</li><li>- Research potential funding sources and opportunities to support the implementation of client utility projects.</li><li>- Support Moonshot Mission's partnerships with various organizations that align with the Moonshot Missions vision and mission.</li><li>- Engage with utility sector experts to provide field-tested solutions to Moonshot Missions utility clients.</li><li>- Collaborate with the Moonshot Missions team to deliver optimal services to utility clients.</li><li>- Conduct additional research of publicly available information as required and prepare written reports.</li></ul>
<b>Travel</b>	<ul style="list-style-type: none"><li>- Travel may be required, subject to funding and according to safety guidelines. MM will reimburse travel costs.</li></ul>
<b>Where to apply?</b>	<ul style="list-style-type: none"><li>- Submit cover letter and resume to: <a href="mailto:jobs@moonshotmissions.org">jobs@moonshotmissions.org</a></li></ul>