Senior Technician Position in mycology/microbial ecology

The Glassman Lab (https://sydneyglassman.wordpress.com/) in the Microbiology and Plant Pathology Department at UC Riverside (https://plantpath.ucr.edu/) is seeking a motivated, organized, detail-oriented research technician to work on the molecular-level activities of soil organisms. We are open to hiring at multiple levels of experience: therefore, applicants with either a Bachelors, Masters, or PhD are welcome to apply.

The technician will be responsible for 1) keeping the lab neat and organized 2) purchasing supplies and maintaining chemical and lab safety standards for the lab 3) training undergraduate and graduate students in molecular methods 4) conducting field work and/or greenhouse work 5) growing bacterial and fungal cultures and making stocks 6) setting up ecological experiments with fungal and bacterial cultures 7) performing DNA extractions from cultures, soils, and roots 8) setting up Illumina MiSeq libraries of 16S and ITS 9) performing qPCR for bacteria and fungi 10) performing techniques associated with identifying arbuscular mycorrhizal fungal spores and root colonization 11) performing bioinformatics associated with amplicon sequencing 12) making conceptual figures or science communication artwork in Adobe Illustrator.

Preferred or Required Qualifications:

- Experience with all of the above responsibilities is not necessary but please indicate in your cover letter which of the above you have experience with and which you are interested in learning.
- Undergraduate or Master's degree in molecular biology, genetics, genomics and bioinformatics, or related field is required.
- Knowledge of sterile technique, experience with microbial culturing and expertise in pipetting and troubleshooting DNA extractions and PCR is also required.
- Interest in training undergraduates and graduate students and performing a mix of field work and benchwork is required.
- Interest in fungi or desire to learn about fungi is a plus, as is experience with the University of California purchasing system, interest in art/drawing and experience with Adobe Illustrator.

How to apply/contact: The position could commence as early as March 1, 2022 but no later than May 1, 2022. The position will be initially for one year with the hope that technician will stay for multiple years if mutually desired. Screening will begin February 15 and will continue until the position is filled. All UC employees receive comprehensive benefits including medical, dental, vision, and retirement plans: https://ucnet.universityofcalifornia.edu/compensation-and-benefits/. **Candidates should apply directly to Dr. Sydney Glassman via email to sydneyg@ucr.edu by submitting a single PDF file containing: Curriculum vitae (CV) and cover letter indicating your research interests and how you meet the minimum or desired qualifications, and listing the contact information of three references. The subject of the email should be "Senior Technician Position".**

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy. All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. New University of California employees must (a) provide proof of receiving at least one dose of a COVID-19 Vaccine no later than 14 calendar days after their first date of employment and provide proof of Full Vaccination no later than eight weeks after their first date of employment; or (b) if applicable, submit a request for Exception or Deferral no later than 14 calendar days after their first date of employment. Federal, state, or local public health directives may impose additional requirements.