

Vincent Richards' lab in the Department of Biological Sciences at Clemson University is accepting applications for a post-doctoral position and a PhD student.

The overarching research theme will be the oral microbiome and how it pertains to health and disease. A major focus will be the influence that HIV infection and immunosuppression have on the microbiome and how this pertains to disease. Metagenomics and metatranscriptomics will be coupled with network analyses and systems biology approaches to better understanding the complex interplay among signaling and metabolic pathways among both bacterial and fungal components of the microbiome. Additional areas of investigation include host genotyping and metabolomics.

Postdoc candidates should have a strong publication record, a background in microbial community dynamics, experience analyzing next-generation sequence data (in particular amplicon sequencing and metatranscriptomic data) and be well versed in Linux/bash. This background is highly desirable in the PhD student.

The postdoc position is available immediately and the PhD position will be tied to commencement of Spring and Fall semesters. Up to four years of postdoc support are available with a possibility for extension pending continued funding - \$50,000/year plus benefits. PhD salary will initially range between \$22,000 and \$25,000/year plus benefits and tuition (commensurate with experience and qualifications). Increases are possible.

Applicants should contact Vincent Richards directly at vricha@clemson.edu. Please provide a cover letter describing research interests, experience, and career goals, CV, PDFs of representative publications, and contact information for three references.

Clemson University is ranked 27th among national public universities by U.S. News & World Report and is located on Lake Hartwell near the Blue Ridge Mountains in beautiful Upstate South Carolina.

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