Postdoctoral Position Studying RNA Regulators in the Human Oral Microbiome:
Boston College, Chestnut Hill, MA

Job description
The Meyer lab at Boston College currently has an open NIH funded post-doctoral position to analyze metagenomic and meta-transcriptomic data from human oral sites to determine whether ncRNAs are viable targets for the treatment of oral diseases such as periodontitis or oral caries. The Meyer lab focuses on computational identification using comparative genomic approaches, and subsequent experimental validation of novel ncRNA regulators in bacterial systems. The lab is equipped with state-of-the-art technology for both computational analysis of ncRNA, and experimental characterization.

The post-doctoral scholar will largely perform computational analysis, but some experiments may be conducted as part of the larger study.

Requirements
- Ability to conduct collaborative research.
- Excellent English communication skills both in written and oral form.
- A PhD in microbiology, computer science, bioinformatics, biochemistry, or related discipline. NB. A strong willingness and ability to learn is considered more important than experience in the topics studied by the lab.
- A track record of publications in peer-reviewed journals.
- Experience with statistical methods, programming languages (e.g. Python, Perl), mathematical modeling, and/or analysis of large-scale sequencing data.

How to apply
Please send a cover letter, a letter describing your professional interests and ambitions, a curriculum vitae and contact information for at least two references to Dr. Meyer m.meyer@bc.edu. Applications will be considered until the position is filled.

The college and department
Boston College is situated on a beautiful campus dating back to the beginning of the twentieth century and is closely located to downtown Boston and Cambridge. The Biology Department and the lab have strong ongoing collaborative efforts with surrounding institutes including Harvard, MIT, and Tufts University. The core faculty in the Biology Department conducts research in areas including HIV, SIV, Toxoplasma, the immune system, and microbial community structures.