

Postdoctoral research position is available in the laboratory of Dr. Anthony R. Flores in the Division of Pediatric Infectious Diseases at Vanderbilt University Medical Center (VUMC). Research within the Flores Laboratory uses a combination of clinical epidemiology, cutting-edge bacterial “omics”, and models of bacterial pathogenesis to uncover novel features of clonal emergence and mechanisms of pathogenesis in streptococci. Current projects include (1) gene regulatory responses in group A Streptococcus (GAS) to human antimicrobial peptides, (2) two-component system gene regulation and pathogenesis in group B Streptococcus (GBS), and (3) genomic epidemiology of GAS and GBS to detect novel clonal emergence and outbreaks using ongoing clinical strain surveillance.

Interested applicants should be highly motivated and have or will soon earn a PhD in microbiology, molecular biology, or a related field. Ideal candidates will also have experience and/or strong interests in bacterial genetics/genomics and bioinformatics. Strong written and oral communication skills are expected.

Please provide a single PDF file containing (1) a cover letter stating your interests, (2) a brief description of prior research experience, (3) a curriculum vitae, and (4) contact information for 2-3 references to: [anthony.flores@vumc.org](mailto:anthony.flores@vumc.org).

Salary is commensurate with experience and will follow university/NIH guidelines. Individuals underrepresented in science and medicine are especially encouraged to apply. Review of applications will begin immediately and continue until both positions are filled.

For more information:

<https://pediatrics.vumc.org/person/anthony-r-flores-md-mph-phd-faap-fpids>

<https://scholar.google.com/citations?user=A8IF37IAAAAJ&hl=en&oi=ao>

<https://www.ncbi.nlm.nih.gov/myncbi/anthony.flores.1/bibliography/public/>