

A POSTDOCTORAL POSITION in the molecular biology of chemoreception is available in the laboratory of Dr. Nael McCarty at Emory University (<http://www.pedsresearch.org/people/faculty/nael-a-mccarty>). This project is funded by the National Science Foundation in collaboration with Prof. Julia Kubanek (<http://www.biosci.gatech.edu/people/julia-kubanek>) at the Georgia Institute of Technology. The postdoctoral fellow will be located in the Department of Pediatrics at Emory, in Atlanta, GA, USA, and will investigate the molecular mechanisms that organisms use to sense chemical signals and cues in their environments. The basis of chemoreception involving cell signaling pathways is relatively understudied and has applications to biomedical research and human biology.

Expertise in any of these areas is desirable: protein and nucleic acid purification, cell culture techniques, CRIPR-Cas9 technology, immunohistochemistry, gene expression analysis, protein-ligand interactions, signal transduction, protein trafficking, and fluorescence microscopy. Thus, a Ph.D. with research experience in molecular biology, cell biology, biochemistry, pharmacology, or a related field is expected.

The facilities and other resources available at Emory University and Georgia Tech provide research investigators with a rich environment, supportive of successful scientific research. Specifically, Emory has a strong history in biomedical research, and Georgia Tech has a strong history in engineering approaches and quantitative measurements to translate research findings into models and devices across both biomedical and non-biomedical fields. Both Emory and Georgia Tech are committed to interdisciplinary research that leverages the overlapping strengths across the two campuses, separated by only 5 miles.

The position is available immediately and will be initially offered for two years with the possibility of renewal dependent upon successful progress in research. The salary is competitive and commensurate with experience. Interested individuals should send a CV, a letter describing career goals, and the names and email addresses of 3 references to Nael McCarty by e-mail (namccar@emory.edu).

Applications will be accepted until a suitable individual is found.