Postdoctoral Position in Environmental Epigenomics

The Laboratory of Population Epigenetics at the Geisel School of Medicine at Dartmouth in the Department of Pharmacology and Toxicology and the Section of Epidemiology and Biostatistics in the Department of Community and Family Medicine (PI: Carmen Marsit) invites highly qualified and motivated applicants to a Postdoctoral Research Associate position in environmental epigenomics. The laboratory is currently investigating the influence of the environment on the human epigenome and the health ramification of these alterations. Projects in the lab focus on studies of children’s environmental health as well as on human cancer. The postdoctoral associate will work on research projects focused on the analysis and interpretation of genome-wide epigenetic data including DNA methylation, imprinted gene expression, and miRNA expression, obtained in epidemiologic investigations. Opportunities for the associate to apply for independent funding will be available and encouraged.

Applicants should possess a Ph.D. in Environmental Health, Toxicology, Epidemiology, Statistics/Biostatistics, or other relevant disciplines. Strong quantitative skills are necessary. Specific experiences in using the R programming environment, in working with genome-scale DNA methylation or other epigenetic data, in laboratory-based molecular epigenetic assessment and in the use of bioinformatic databases and platforms is desirable.

The postdoctoral associate will work closely with Dr. Marsit and other postdoctoral associates and predoctoral students in the laboratory as well as with wet-lab scientists. The laboratory is part of the Children’s Environmental Health and Disease Prevention Center, the Institute for Quantitative Biomedical Sciences (iQBS), and the Dartmouth Hitchcock Norris Cotton Comprehensive Cancer Center, and the resources and collaborators in these programs will also be available to the postdoctoral associate.

Interested applicants should send a cover letter, curriculum vitae, and the names and contact information of three people who could provide letters of reference to Dr. Carmen Marsit, Carmen.J.Marsit@dartmouth.edu; Address: Geisel School of Medicine at Dartmouth, 7650 Remsen, Room 520, Hanover, NH 03755. The Geisel School of Medicine at Dartmouth is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. http://geiselmed.dartmouth.edu/marsit/