



Dartmouth
GEISEL SCHOOL OF
MEDICINE

DEPARTMENT OF BIOMEDICAL
DATA SCIENCE
GEISEL SCHOOL OF MEDICINE

Post-doctoral Scholar position in the Department of Biomedical Data Science at Dartmouth

The research team of Dr. Siming Zhao in the Department of Biomedical Data Science at Dartmouth College is seeking motivated individuals with a strong quantitative background with a PhD in computational biology/bioinformatics, (bio)statistics, genetics, computer science or a related field. Individuals with prior experience in generating or analyzing next generation sequencing data are also highly desired.

The individual who fills this position will have the opportunity to work on computational method development for genomics data and/or work in close collaboration with experimental biologists. We expect the results from these projects to deepen our understanding about the genetic etiology of human diseases, in particular cancer. Our areas of interests include cancer genomics, functional genomics for disease gene mapping, statistical genetics, single cell sequencing experiments and analysis. Please refer to the lab website for more details.

Competitive applicants will have a demonstrated record of research accomplishments as evidenced by peer-reviewed publications in related fields. Programming skills (ideally proficient in R and/or Python), and strong written and verbal communication skills are required. An interest in cancer genomics or human genetics is highly valued.

The Geisel School of Medicine at Dartmouth was established in 1797 and is the fourth-oldest medical school in the United States. Dartmouth Geisel School of Medicine, along with Dartmouth-Hitchcock Medical Center (the largest tertiary academic medical center in northern New England) and the Norris Cotton Cancer Center (Dartmouth NCI-designated comprehensive cancer center), is internationally recognized for high-quality basic and clinical research.

Dartmouth College is an Ivy League research university founded in 1769. Dartmouth is one of the leading teaching and research universities in the United States dedicated to finding solutions to the world's most challenging problems and preparing trainees for leadership roles. Located in Hanover, New Hampshire, Dartmouth sits alongside the Connecticut River and borders Vermont. As part of the beautiful New England community, Dartmouth is surrounded by mountains, waterways, and a myriad of four-season recreational opportunities and cultural offerings. Metropolitan areas like Boston, Montreal and New York are within a few hours drive. Dartmouth Biomedical Data Science Department values diversity in the workplace and is committed to equal opportunity in employment.

For more information regarding the Zhao lab, please visit www.simingzhaolab.org. Interested applicants should submit their curriculum vitae and the contact information of three potential references. These materials can be sent directly to siming.zhao@dartmouth.edu.