



## **Postdoctoral research positions at UCLA in human population genomics, computational medicine, and statistical genetics**

Two postdoctoral research positions are available at UCLA in the newly established PRS Center for Admixed Populations and Health Equity (CAPE). CAPE is one of the 7 NIH center sites aimed at improving how polygenic risk scores can be used to predict phenotypes in diverse communities. Investigators within CAPE aim to develop methods for equitable genetic predictors of a person's risk for diseases irrespective of their genetic ancestry background.

Researchers within CAPE will have access to a wide range of genomic data of >230,000 individuals of admixed ancestry across 4 traditional epidemiological cohort studies and 4 large EHR-linked biobanks in diverse urban settings. The successful candidate will have substantial input in the specific nature of the research project within the broader goals of CAPE and will be able to work synergistically with the CAPE investigators at UCLA (Pasaniuc, Olde Loohuis, Lohmueller, Sankararaman, Pajukanta, Eskin, Freimer); Univ of Colorado (Lange, Gignoux); and Mount Sinai Health System in New York (Kenny, Belbin) as well as with the other 5 center sites of the NIH PRS diversity consortium. CAPE is embedded within a vibrant research community in computational, population and medical genetics including the Institute of Precision Health and the department of Computational Medicine at UCLA.

The position is available for 1 year and may be continued for an additional year contingent on successful progress and available funding. Salary will be competitive, starting at over \$65,000, commensurate with experience. Further, University of California offers a competitive benefits package including medical, dental, vision, life insurance, accidental death and dismemberment insurance, and short and long term disability insurance.

Candidates should have a Ph.D. in computer science, biology, genetics, computer science, bioinformatics, statistics, biostatistics, computational biology, or a related field. As this is a computational position, proficiency in programming in python, R, Perl, or Python, and shell scripting is essential. Programming experience in C/C++ is highly desired. Preference will be given to candidates with a strong publication record, evidence of substantial research productivity, and ability to successfully communicate scientific information.

Review of applications will begin immediately. The position is expected to start as soon as possible with specific dates and salary negotiable.

Interested candidates should send a CV, short (1-2 pages) description of research interests and ideas for possible projects, and contact information for 3 references to Bogdan Pasaniuc at [pasaniuc@ucla.edu](mailto:pasaniuc@ucla.edu). Please put "Postdoc position" in the subject line. Informal inquiries are welcomed.

The University of California is an equal opportunity/affirmative action employer.

More information can be found at:

1. <https://www.genome.gov/news/news-release/nih-awards-38-million-dollars-to-improve-utility-of-polygenic-risk-scores-in-diverse-populations>.
2. <https://www.uclahealth.org/news/ucla-health-receives-4-8m-nih-grant-to-improve-genetic-estimates-of-disease-risk-in-diverse-populations>
3. <https://www.uclahealth.org/precision-health/>
4. <https://compmed.ucla.edu/>