The Department of Electrical Engineering & Computer Sciences and the Center for Computational Biology at UC Berkeley are soliciting applications for a faculty position in the field of Computational Biology at the level of Assistant Professor (tenure track). The expected start date is July 1, 2018.

The Department of Electrical Engineering & Computer Sciences (EECS) and the Center for Computational Biology (CCB) seek a person with strong interest and experience in the development and/or application of computational, mathematical, and/or statistical methods to solve problems in the area of Precision Medicine and Health. Areas of interest are broad by design and include, but are not limited to: methods for analyses of DNA/RNA sequences of cancer tumors and liquid biopsies; functional prediction using genomic and epigenomic data; methods for inference of genotype-genotype and genotype-environment interactions in human health and disease; computational methods for genome editing; computational modeling and biomolecular engineering; computational methods for integration of epidemiologic, clinical and genomic data; inference and modeling of biological networks and interactions using large scale ‘omics’ data; detection of phenotype-genotype associations and/or causality in genetics and epigenetics. These topics might also include development and/or application of computational methods for image analysis, relevant to Precision Medicine and Health.

We are interested in candidates working in areas of mutual and complementary interest to CCB and EECS at UC Berkeley. Computer science is a very important discipline that brings critical expertise, computational methods, tools and technologies in collaboration with CCB to achieving the goal for advancing Precision Medicine and Health. For more information see: http://ccb.berkeley.edu and http://eecs.berkeley.edu.

We seek candidates that have demonstrated excellence, originality, and productivity in research, and a strong commitment to teaching at the undergraduate and graduate levels. The minimum qualification required to be considered an applicant for the position is the completion of PhD, MD/PhD, or equivalent degree requirements except the dissertation at the time of application. The PhD, MD/PhD, or equivalent degree must be in Computer Science, Computational Biology, Bioinformatics, Bioengineering, Biological Sciences, Biophysics, Physics, Statistics, Mathematics, or related field.

Additional qualifications: Candidates must have research experience in computational biology. The PhD or equivalent degree must be received by start of appointment.

Preferred qualifications: include evidence of outstanding scholarship within a relevant discipline and a commitment to working in and promoting an inclusive environment. The successful applicant will be expected to teach undergraduate and graduate courses in computer science and computational biology, and have a strong commitment to excellence in teaching and leadership.

Application Procedure: Applicants must complete an online application via the following link: https://aprecruit.berkeley.edu/apply/JPF01570. Please arrange to have three letters and two more
optional letters of reference submitted online. All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are produced via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality (http://apo.berkeley.edu/evalltr.html) prior to submitting their letters.

Applicants should include:

- Curriculum Vitae - Your most recently updated C.V. Include complete list of publications, and names and contact information of your references.
- Cover Letter
- Statement of Research - Up to 3 pages.
- Statement of Teaching - Summarize teaching and mentoring experiences and interests. Up to 1 page.
- Statement of Contributions to Diversity - Statement addressing past and/or potential contributions to diversity through research, teaching and/or service.
- Publication #1 - Summarize the significance in less than 250 words.
- Publication #2 - Summarize the significance in less than 250 words.
- Publication #3 - Summarize the significance in less than 250 words.
- Summary of Major Research Accomplishments - Less than 300 words.

The final deadline for applications is December 15, 2017. Applications received after this date will not be considered.

For questions regarding this application, please email: eecs-faculty-recruiting@eecs.berkeley.edu

The Department of Electrical Engineering & Computer Sciences and the Center for Computational Biology at UC Berkeley are committed to addressing the family needs of faculty, including dual career couples and single parents. We are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research, and service. For information about potential relocation to Berkeley, or career needs of accompanying partners and spouses, please visit: http://ofew.berkeley.edu/new-faculty

Diversity, equity, and inclusion are core values in the College of Engineering. Our excellence can only be fully realized by faculty, students, and staff who share our commitment to these values. Successful candidates for our faculty positions will demonstrate evidence of a commitment to equity and inclusion. Financial and in-kind resources are available to pursue activities that help accelerate our efforts to achieve our equity and inclusion goals, with the full backing of the College. Examples of ongoing programming at the College are available at: http://engineering.berkeley.edu/diversity

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct