



Boston Children's Hospital



Refer Candidates for NIH-funded Harvard Medical School Postdoc in AI

Computational Health Informatics Program, Boston Children's Hospital, Boston, MA

CHIP, the Computational Health Informatics Program at Boston Children's Hospital, an affiliate of Harvard Medical School and a collaborating program of its Department of Biomedical Informatics, is recruiting postdoctoral fellows with an interest in advancing healthcare with artificial intelligence.

We seek outstanding candidates passionate about advancing the ability to acquire and then reason over an entire spectrum of data types ranging from clinical, epidemiological, environmental, and social, all the way down to molecular and genomic. **We encourage faculty and research leaders to recommend candidates that would excel in this role.**

We offer a rich academic environment with exceptional mentors, embedded in a top hospital. CHIP is located in beautiful, newly designed space at 401 Park Drive, in the heart of Boston's Fenway neighborhood and surrounded by wonderful dining, entertainment and sports.

Areas of focus can include machine learning/AI including clinical decision support and predictive medicine, computable phenotyping, precision medicine, population health, real-world evidence and data visualization.

CHIP, founded in 1994, is a multidisciplinary applied research and education program. Biomedical informatics has become a major theme and methodology for biomedical science, health care delivery, and population health, involving high-dimensional modeling and understanding patients from the molecular to the population levels. We design information infrastructure for medical decision-making, diagnosis, care redesign, public health management, and re-imagined clinical trials. The field is inherently interdisciplinary, drawing on traditional biomedical disciplines, the science and technology of computing, data science, biostatistics, epidemiology, decision theory, omics, implementation science, and health care policy and management. Our faculty are trained in medicine, data science, computer science, mathematics and epidemiology. Though CHIP has a robust pediatric research agenda, our interests span across all ages. CHIP research highlights are [here](#).

Qualifications

Candidates should have a strong quantitative background and capacity for innovative approaches to biomedical scientific inquiry and application of computational methods to care, research and public health.

All qualified applicants must have a doctoral degree (MD, PhD, MD/PhD, or equivalent) and a strong record of publishing.

Individuals selected must be citizens or non-citizen nationals of the United States, or must have been lawfully admitted to the United States for permanent residence.

We welcome your recommendations and encourage you to share this opportunity with potential candidates.

How to Apply

Boston Children's Hospital is an equal opportunity employer that strongly encourages women and underrepresented minorities candidates to apply for positions at our institution.

Applications may be considered on a rolling basis so there could be an advantage to submitting early.

Interested applicants are invited to submit a CV, cover letter, research plan, and three references to:

Kenneth D. Mandl, MD, MPH, CHIP Director

by emailing them to **contact "dot" chip "at" childrens "dot" harvard "dot" edu**