

The [Public Impact Analytics Science Lab \(PIAS-Lab\)](#) at Harvard University, founded and directed by Professor [Soroush Saghafian](#), is accepting applications for a Postdoctoral Fellow position in the broad area of **Healthcare Analytics**. The postdoctoral fellow will conduct research under the supervision of Professor Soroush Saghafian and engage in research activities at the PIAS-Lab.

### **About the Lab:**

The **Public Impact Analytics Science Lab (PIAS-Lab)** at Harvard is devoted to advancing and applying the science of analytics for solving societal problems that can have public impact. The mission of the lab is to improve societal outcomes by developing, integrating, and using appropriate analytical tools in Operations Research, Machine Learning and Big Data, Decision Making, Statistics, Artificial Intelligence (AI), and related fields.

The Lab is currently mainly focusing on the healthcare sector and is collaborating with the Statistical Reinforcement Learning Lab at Harvard, the Harvard Center for Health Decision Science, the Harvard Data Science Initiative, and various other organizations, including the Mayo Clinic and Massachusetts General Hospital (MGH).

The PIAS-LAB is hosted by the Mossavar-Rahmani Center for Business and Government (M-RCBG) at Harvard, which is directed by [Larry H. Summers](#) (President Emeritus of Harvard, former Secretary of the Treasury of the United States, and former Director of the National Economic Council) and [John Haigh](#). The mission of M-RCBG is to advance the state of knowledge and policy analysis concerning some of society's most challenging problems at the interface of the public and private sectors.

The appointment is for a one-year term starting on **January 1, 2022, or as soon as possible**. The review of applications will begin immediately and continue until the position is filled. To receive full consideration, please submit your application material as early as possible but no later than **Oct. 28, 2021**.

### **Qualifications**

- Must hold a Ph.D. (prior to the start of the Postdoctoral Fellow appointment) in Operations Research, Industrial Engineering, Applied Mathematics/Statistics, Computer Science, Business Administration, or a related discipline.
- Must have strong skills in Analytics and breadth of methodological expertise.
- Must have healthcare domain knowledge.

### **Application Process**

Interested candidates should send the following materials:

- Curriculum Vitae

- Cover Letter (one page)
- Research Statement (3 pages or less)
- At most three recent academic publications
- Three letters of reference (submitted directly by letter writers)

Applicants must submit all of the above materials to professor Saghafian' s assistant, Beth Tremblay: Email: [Beth Tremblay@hks.harvard.edu](mailto:Beth.Tremblay@hks.harvard.edu). Please use the subject line **“Postdoctoral Fellow Position at Harvard PIAS-Lab”**.

Interested applicants are also highly encouraged to separately apply to the [Harvard Data Science Initiative Postdoctoral Fellows Program](#) and indicate their interest in working with Professor Saghafian and engagement in PIAS-Lab activities.