Postdoctoral Fellow at Harvard in RL with Applications in Digital Interventions!

School: Faculty of Arts and Sciences, Department: Statistics

Join us as a postdoctoral fellow in Professor Susan Murphy's Statistical Reinforcement Learning Group. Our research concerns sequential decision making in digital health, including experimental design and reinforcement learning algorithms. We combine statistical methods with online reinforcement learning algorithms to provide inferential tools. The successful applicant will be expected to develop an innovative research program in sequential decision making. Our lab is involved in a number of digital health studies in obesity, cardiac health, physical activity, mental illness and substance abuse across the world.

Basic qualifications: Ph.D. in Statistics, Computer Science, Operations Research, or Electrical Engineering at time of appointment is required. The appointment will be for up to three years with annual renewal based on satisfactory performance and continued availability of funding.

Instructions: Send application materials (curriculum vitae, statement of research interests, and names and contact information for three references) to Research Administrator Jess Jackson (jessjackson@fas.harvard.edu).