Postdoctoral Position at Boston Children's Hospital, Harvard Medical School

The Laboratory for Digital Assessment, Research and Treatment (DART Lab) in the Department of Anesthesiology, Critical Care and Pain Medicine at Boston Children’s Hospital/Harvard Medical School is seeking a talented, highly motivated Postdoctoral Fellow who is passionate about using digital health approaches in improving the lives of children and adolescents with chronic pain and mental health conditions. As a teaching hospital of Harvard Medical School, our reach is global and our impact is profound.

The Postdoctoral Fellow will be responsible for developing novel methodologies and applications integrating data from smartphones and wearables in ‘real-world’ settings, with the rich clinical data offered in hospital settings and using this framework to evaluate and predict clinical and treatment progression in pediatric patients. The applicant will collaborate with colleagues within Boston Children’s Hospital, Harvard Medical School, and the National Institute of Mental Health in applying these methods in clinical projects related to pediatric chronic pain, mental health, sleep, and substance use. Several exciting projects are available depending on the experience of the candidate. The position includes a number of training opportunities for career development through Harvard Medical School and Boston Children’s Hospital. Funding is secure for a minimum of two years.

Given the interdisciplinary nature of the projects, candidates can have a PhD degree (or MD/PhD.) in psychology, epidemiology, biomedical informatics, computer science, or a related field. Strong quantitative and/or qualitative skills are necessary. Excellent written and verbal communication skills and project management skills are crucial. Preferred requirements for this position include experience in multilevel modelling and/or machine learning, ecological momentary assessment and sleep assessment.

Interested candidates should send a cover letter, resume and the names of 3 references to the below address. Pre-inquiries are welcome.

Joe Kossowsky, PhD, MMSc
Assistant Professor in Anesthesia, Harvard Medical School
Director, DART Lab, Boston Children’s Hospital
joe.kossowsky@childrens.harvard.edu