

Our Team:

The International Digital Health (IDH) Research Group at Children's Hospital Los Angeles focuses on the real-world application of technology to improve healthcare, health education, and health information systems in low and middle-income countries (LMICs). We are specifically focused on Armenia and neighboring CIS countries that have similar historical, cultural, technological, and economic environments. Over the past decade, we have built deep ties supporting research, education, and clinical care with a number of organizations in Armenia. Our research spans the gamut of our activities: clinical outcomes, technology design, implementation science, educational outcomes, and informatics. The goal of our research group is to develop innovative applications of technology to address the needs of our global partners, evaluate the impact of these technologies, and scale them through collaboration with other organizations focused on building capacity through technology in LMICs.

Who We're Looking for:

Our research group is looking for a highly skilled and motivated postdoctoral research scholar to make leading contributions to our research portfolio. Successful candidates should have strong training and publication records, and must be able to learn and work independently, yet collaborate effectively, with co-workers within the group and with our global partners. The ideal candidate will be familiar with digital health concepts (including mHealth, telehealth, and remote patient monitoring), global health frameworks, medical education, and health information systems (including electronic health records, research databases, and cohort discovery tools). Other relevant skills include educational design and evaluation, experience in human-centered design, computational thinking and design, program evaluation, and complex adaptive systems. On the technical side, experience with coding and mobile app development is welcome but not required. Familiarity with common quantitative and qualitative analysis software is expected. Given the breadth of our activities, we are interested in interviewing candidates who have, or will soon receive, a Ph.D. or equivalent diploma in computer science, informatics, software engineering, epidemiology, global health, health policy, education, design innovation, implementation science, or related fields.

Leadership:

- Dr. Juan Espinoza is the Research Lead for IDH, responsible for supervision and mentorship
- Dr. James Dickoner is the Director of IDH and provides operational leadership
- Dr. Thomas Lee is the Principal Investigator of the grants that fund IDH

Contact:

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Relevant Links:

<https://www.chla.org/online-pediatric-educational-network-open>

<https://www.learnwithopen.org/>

Dr. Espinoza's bibliography: <https://airtable.com/shrKJQT6gggQr1ycG/tblveEmMllry9T9BV>