## LHS Tech Forum Webinar

**Topic: Building New Infrastructures for Global Learning Health Systems**

**Program:**
The inaugural LHS Tech Forum shared the Learning Health System (LHS) vision from the National Academy of Medicine (NAM), and opened up a dialogue between industry innovators and academic researchers for meeting the challenges of realizing LHSs. The audience discussed fundamental changes needed in health information systems and the applications of artificial intelligence (AI) in LHSs.

In our second LHS Tech Forum, we will be focused on exploring what new sociotechnical infrastructures are needed to support LHSs. We are so excited to welcome visionary former FDA Commissioner Dr. Robert Califf from Verily (Google Health's/Alphabet's healthcare division) to deliver the keynote presentation. We look forward to hearing Dr. Califf's visionary ideas regarding new healthcare system evaluation methodologies as well as Google's/Alphabet's push into digital health infrastructure including LHSs.

Following the keynote presentation, leaders from robotic process automation (RPA) company Blue Prism will share their experience in building automation infrastructures in the United States and in the UK health systems. You are invited to join the conversation with Dr. Robert Califf and Blue Prism to discuss LHS infrastructures. This conversation will highlight the close connection between the fast-growing RPA sector and the emerging LHSs market. Further, our dialogue will illuminate opportunities engendered by the transformation of healthcare and health underpinned by LHSs. For more information and to learn about past events, please visit the Learning Health Community's LHS Tech Forum Initiative webpage or join our Learning Health Systems LinkedIn Group.

**Agenda:**
- LHS background, community announcement, recognition of outreach partners, and acknowledgements by Joshua Rubin, Esq. (5 min)
- Keynote: Dr. Robert Califf (Head of Clinical Policy and Strategy for Verily and Google Health, former US FDA Commissioner) to present his vision of LHSs infrastructure and Google Health. (25 min)
- Industry Focus: Geoffrey "Duff" Glaser (Senior Director of Healthcare, Blue Prism) to present "Automating the Patient Journey" – how a new generation of digital workers will transform the patient experience. (10 min)
- Q&A moderated by Dr. AJ Chen: Discuss LHSs infrastructure, RPA, and topics of interest to the audience. Leo Tsuneda from Blue Prism will join to share information about an RPA project for UK NHS. (20 min)

**Date**: Thursday, February 11, 2021
**Time**: 8:00 AM-9:00 AM PST | 11:00 AM-12:00 PM EST
**Registration**: Join our Learning Health Systems LinkedIn Group, or RSVP to LHS Tech Forum lhs.tech.forum@gmail.com to register. Registration is free and open to the public.
**Webinar**: A Zoom link (courtesy of Stanford University) will be provided after registration.

**Audience**: LHS leaders, IT industry innovators, healthcare sector executives, engineers, scientists, researchers, business professionals.

**Speaker Bios:**

**Robert M. Califf, MD, MACC** is the Head of Clinical Policy and Strategy for Verily and Google Health. He also serves as an Adjunct Professor at Duke University and Stanford University. Prior to this Dr. Califf was the vice chancellor for health data science for the Duke University School of Medicine; director of Duke Forge, Duke's center for health data science; and the Donald F. Fortin, MD, Professor of Cardiology. He served as Deputy Commissioner for Medical Products and Tobacco in the U.S. Food and Drug Administration (FDA) from 2015-2016, and as Commissioner of Food and Drugs from 2016-2017. A nationally and internationally recognized leader in cardiovascular medicine, health outcomes research, healthcare quality, and clinical research, Dr. Califf is a graduate of Duke University School of Medicine. Dr. Califf was the founding director of the Duke Clinical Research Institute and is one of the most frequently cited authors in biomedical science.

**Geoffrey "Duff" Glaser**, 35-year Healthcare Professional, is Senior Director North America Healthcare, BluePrism. Previously with SAP Software for 10 years, where he lead the US Healthcare LOB with a focus on ERP, Analytics, driving solutions around Patient Engagement, new payment models like ACO's, Value Based Payment, Value Based Contracts and Evidence Based Care.

**Leo Tsuneda** is the Head of Health and Life Sciences at Blue Prism. He is passionate about delivering better care and positive outcomes across healthcare through Intelligent Automation. His role in the NHS provider sector involves work to address demand management, workforce issues, integration of care for patients and more. His work at Blue Prism transforms the way this is done through intelligent automation. In the health sector, he leads an intelligent digital workforce that is smart, secure, scalable and accessible to all; freeing up humans to re-imagine work.

**AJ Chen, PhD** is a Learning Health System consultant in Silicon Valley and visiting professor at Guilin Medical University with a mission to reduce global health care disparities through helping organizations to build LHS. Previously co-chaired US HHS Southwest and Pacific Region Health Equity Council, and served on the Consumer Technology Workgroup of the US HHS Federal Advisory Committee on Health IT Standards. Won US HHS developer challenges twice. Founded iHealthd to provide patient education platform. Former Director of Semantic Technology at healthline.com, responsible for developing the core intelligent technology powering many health information systems including healthline.com, Yahoo Health, Elsevier ClinicalKey and Aetna. Developed genomic information technologies for precision medicine vision at Hyseq Inc. and its spinoffs. Earlier, partnered with Dr. Barry Marshall to promote his disrupted medical discovery (Barry won Nobel Prize 10 years later). Joined Harvard and Duke medical schools for post-doc research in Immunology after earning PhD in Biological Chemistry from University of Utah and BS in Chemistry from Fudan University.

**Joshua C. Rubin, JD, MBA, MPH, MPP** is Program Officer for Learning Health System Initiatives at the University of Michigan Medical School Department of Learning Health Sciences. He also serves as Executive Director of the Joseph H. Kanter Family Foundation, the only philanthropic foundation founded by a patient whose overarching mission is to realize a patient empowering Learning Health System vision. Previously, Rubin served as Senior Policy Fellow at eHealth Initiative and as Senior Consultant at IBM Global Business Services. He serves as the founding President and CEO of the Learning Health Community, a multi-stakeholder grassroots movement dedicated to realizing the Learning Health System vision on a national (and ultimately global) scale. Rubin received his JD from Georgetown University Law Center, and also holds MBA and MPP from Georgetown University, and MPH from Johns Hopkins University Bloomberg School of Public Health.

**Organizer:**

Learning Health Community (With over 100 endorsers to LHS Core Values, including Joseph H. Kanter Family Foundation, GE Healthcare IT, Epic, GlaxoSmithKline, Stanford Children's Health, Johns Hopkins Medicine, University of Michigan, Duke Center for Learning Health, HIMSS, HL7 International, American College of Physicians, Booz Allen Hamilton. Please see more at: http://www.learninghealth.org )

**Organizing Committee:**

AJ Chen, PhD, Web2express.org

Joshua C. Rubin, JD, MBA, MPH, MPP, Learning Health Community

Sophia Wang, MD, Stanford University

**Advisor Committee:**

Chair: Charles Friedman, PhD, University of Michigan

**Volunteer Opportunity:**

We are inviting more volunteers to join the LHS Tech Forum Initiative, to help organize and promote our forums globally. If you are interested in LHS vision and mission, please connect with us via our Learning Health Systems LinkedIn Group.