Learning Health Systems:
Working at the Intersection of Research, Operations & Big Data

Friday, May 5, 2017 ▮ 8:00-1:30p.m.

AGENDA

8:00 am - 8:30 am	Check-in, Breakfast and Posters
8:30 am - 12:00 pm	Program
12:00 pm - 12:15 pm	Lunch Pickup & Posters
12:15 pm - 1:30 pm	Afternoon Breakout Sessions

PROGRAM OUTLINE

8:30 am - 8:55 am — Welcome and What's New with the BSSS TRC?

8:55 am - 9:00 am — Introduction of Host for Symposium

9:00 am - 9:30 am — Patricia Brown, Esq.
(Importance and Challenges of a Learning Healthcare System)

9:30 am - 10:30 am — Karina Davidson, PhD
(Leveraging Intervention and Implementation Research and Outcomes Data to Facilitate Learning Within Health Systems)

10:30 am - 10:50 am — BREAK & POSTER SESSION

10:50 am - 11:50 am — Casey Overby, PhD
(Innovations in Use of Biomedical Informatics, Electronic Medical Records, and other Big Data for Improving Health Systems)

11:50 am - 12:00 pm — Closing and Instructions for Breakouts

12:00 pm - 12:15 pm — Lunch Pickup and Poster Session

12:15 pm - 1:30 pm — Afternoon Breakout Sessions (See Information Below)

BREAKOUT SESSIONS

Workshop style breakouts following the program will allow researchers to share challenges, new ideas, and questions for which they desire feedback, mentorship, or general conversation.

Breakout #1: Dr. Karina Davidson – West Lecture Hall

Suggested Research Topics Include:

❯ Pragmatic Trials Research in Healthcare Settings
❯ Research on Healthcare Providers and Settings
❯ Use of Implementation Science to Achieve Healthcare Goals

OR

Breakout #2: Dr. Casey Overby –
Wood Basic Science Building Auditorium

Suggested Research Topics Include:

❯ Leveraging Electronic Health Records Data to Improve Research in Priority Conditions
❯ Use of Data for Longitudinal Analyses of Health Behavior and Social Factors in Health Outcomes
❯ Use of Electronic Health Records Data to Examine Disparities in Healthcare and Outcomes

EVENT DETAILS

Join us for a half-day symposium focused on the use of clinical and research data to improve the learning health care system. Events begin with check-in, breakfast and a short poster session (tentatively). The morning program will be followed by lunch and breakouts, 12:15 pm - 1:30 pm.

ORGANIZER

Behavioral, Social and Systems Science Translational Research Community, part of the Johns Hopkins Institute for Clinical and Translational Research.

The Johns Hopkins Institute for Clinical and Translational Research (ICTR) is part of the national Clinical and Translational Science Awards (CTSA) consortium, which is funded by the National Institutes of Health (NIH). The ICTR aims to bring together JHU faculty and staff members as well as external institutions, with the goal of stimulating innovative translational science and new collaborations. The ICTR's Behavioral, Social, and Systems Science Translational Research Community is devoted to highlighting translation and innovation in behavioral science, social science, and health systems science, and promoting investigator engagement and rigor in conducting these sciences.

WOOD BASIC SCIENCE BUILDING AUDITORIUM
725 N. Wolfe Street
Contact Kelly Crowley. kelly.crowley@jhmi.edu

JOHNS HOPKINS
INSTITUTE for CLINICAL & TRANSLATIONAL RESEARCH

Learning Health Systems:
Working at the Intersection of Research, Operations & Big Data

Guest Speaker Bios

Patricia M.C. Brown, Esquire, is the Senior Vice President of Managed Care and Population Health for Johns Hopkins Medicine, the President of Johns Hopkins HealthCare LLC, a managed care and population health organization owned by Johns Hopkins Health System and the Johns Hopkins University School of Medicine, and Senior Counsel for the Johns Hopkins Health System. In these roles, Ms. Brown is responsible for directing the Johns Hopkins Medicine (JHM) population health strategies, to include care management, disease management, care coordination, community care, and healthcare reform preparation; integrating and coordinating managed care contracting and payer and market strategy for all JHM hospitals and provider groups; administering and growing all Johns Hopkins health plan products for approximately 400,000 individuals enrolled in self-funded employer, Medicaid, Medicare, and Department of Defense health plans; facilitating the development and dissemination of health care solutions to drive quality and cost-effective health care; and otherwise championing JHM's aspiration to be the model for an academically-based integrated delivery and financing system. As Senior Counsel to the Johns Hopkins Health System, Ms. Brown provides legal advice in the areas of managed care, reimbursement, certificate of need, and healthcare reform.

Karina Davidson, PhD, joined Columbia University Medical Center in 2003 and was promoted to Professor of Medicine, Psychiatry in 2010, to Vice-Dean of Organizational Effectiveness and to Chief Academic Officer of New York Presbyterian in 2016. As the Director of the Center for Cardiovascular Behavioral Health, her objective is to create an internationally renowned interdisciplinary think tank of cardiologists, internists, psychologists, exercise physiologists and other related scientists. The guiding purpose of this collaboration is to tackle how behavior, health disparities, and psychosocial conditions affect the biology and incidence of hypertension and heart disease, as well as positively influencing patients' disease course and outcomes.

Dr. Davidson has won numerous national and international awards for her research accomplishments, as well as teaching and mentoring awards for training the next generation of physician leaders. She has served as elected President of most of her professional organizations. She was recently appointed to the United States Preventive Services Task Force, where she is honored to help evaluate a broad range of clinical preventive health care services. She has authored over 200 peer-reviewed articles, numerous editorials and book chapters, served as editor for various handbooks, and also served on multiple scientific journal editorial boards.

Casey Overby, PhD, is Assistant Professor in the Division of General Internal Medicine with a joint position in the Division Health Sciences Informatics in the Department of Medicine at the Johns Hopkins University. Her research interests span a number of areas at the intersection of public health genetics and biomedical informatics, including applications that support translation of biological knowledge to healthcare settings, delivering health information and knowledge to the public, and developing knowledge-based approaches to use "Big Data" such as electronic health record data for population health. She completed pre-doctoral National Library of Medicine biomedical informatics training and National Human Genome Research Institute genome sciences training fellowships at the University of Washington. She also completed a post-doctoral National Library of Medicine informatics training fellowship at Columbia University. Nationally, Dr. Overby participates as co-Chair of the electronic health record implementation workgroup on the NHGRI-funded Electronic Medical Records and Genomics (or "eMERGE") Network as a subcontract investigator with the Geisinger Health System, and as a co-investigator on the NCATS Translator grant at Johns Hopkins University.