DIGITAL HEALTH LEARNING COLLABORATIVE
Summer 2019 Update

Colleagues: Thank you for your engagement with the Digital Health Learning Collaborative (DHLC), an activity of the National Academy of Medicine (NAM) Leadership Consortium: Public-Private Collaboration for a Value & Science-Driven Health System. Below are highlights from DHLC work. Please be in touch for additional information or to indicate an interest in participating in any activity noted.

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FOCUS OF UPCOMING AND RECENT MEETINGS
- **August 23, 2019**: Building partnerships and implementing principles for a health system that shares data for continuous improvement
- **May 22, 2019:** Peer reviewed journal publication frameworks that promote dissemination of evidence developed by learning health systems
- **January 16, 2019:** Discussion of the draft NAM Special Publication describing the promise, development, and deployment of AI for health care
- **June 28, 2018:** Patient ownership of health data - implications for a learning health system

COLLABORATIVE ONGOING NAM PROJECTS: DHLC AND DHLC-RELATED
Collaborative projects are intended to: 1) identify issues of common interest and marshal needed leadership; 2) develop tools and networks needed for progress; and 3) develop joint leadership possibilities through individually-authored *Perspective* papers. Ongoing activities include:

- *Artificial intelligence (AI) & machine learning (ML) for improving health and health care: NAM Collaborative Working Group* – focus: accelerate progress on issues that inhibit the widespread integration and use of AI and ML algorithms in health care settings. Relevant issues include workflow integration, oversight and regulation, and clinician and patient engagement. Deliverables include an NAM Special Publication.
- *Technologies to Enhance Person, Family and Community Activation* – focus: identify, prioritize, and advise on key issues related to the potential of technologies to make care more patient-centered, equitable, accessible and convenient for patients, while enhancing the quality of medical decisions. Outcomes include three NAM discussion papers on related sub-topics.
- *Generating stakeholder support and demand for leveraging and sharing data for continuous learning* - focus: organization of key stakeholder groups – health care executives, patient and family engagement leaders, and research oversight thought leaders – in a coordinated effort to identify approaches for building support for data sharing, linkage, and use as well as principles for advancing progress toward the routine use of data for continuous learning and improvement. Outcomes will include an NAM Special Publication. (funding from PCORI)
- *Interoperability Purchasing Specs for Continuous Learning*– focus: policies, requirements, standards, and purchase specifications among health systems with common commitments to the broad interoperability of health data. An NAM Special Publication was released in October 2018 and a webinar featuring Kate Goodrich from CMS occurred on April 16, 2019. (funding from Gordon and Betty Moore Foundation)

DHLC-RELATED COLLABORATIVE PROJECTS UNDER CONSIDERATION
- **Data Ownership, Control, and Access Principles:** Assembling a working group 1.) to identify and prioritize use cases for data sharing, access, ownership, and control 2.) to develop and test governance and technical frameworks for various kinds of data ownership/control models, and 3.) to develop educational programs to help patients and health consumers navigate and interpret their health data.
- **Ideas for collaborative activities from past DHLC meetings are available here**.

MEETINGS RECENTLY CONVENED BY THE NAM LEADERSHIP CONSORTIUM (LC)
- **NAM Digital Learning Collaborative** - (January 16, 2019; event page)
- **Care Culture and Decision-Making Innovation Collaborative Meeting -** (January 17, 2019; event page)
- **Future of Health Services Research Special Publication Webinar** – (January 24, 2019; event page)
- **Clinical Effectiveness Research Innovation Collaborative Meeting** - (February 7, 2019; event page)
- **Leadership Consortium Members Meeting -** (March 21, 2019)
- **Procuring Interoperability Special Publication Webinar -** (April 16, 2019; event page)

STAYING ENGAGED WITH THE DHLC
- Please email Manoor Ahmed at mahmed@nas.edu if you are interested in participating in either of the activities under consideration or attending the August 23, 2019 meeting in Washington, DC, in person or via webcast. *Travel support is not provided by the National Academies for Collaboratives' activities. Breakfast and lunch will be provided.*

Vision • Research • Evidence • Effectiveness • Trials • IT Platform • Data Quality & Use • Health Costs • Value • Complexity • Best Care • Patients • Systems • Measures • Leadership

THE LEARNING HEALTH SYSTEM SERIES

DIGITAL HEALTH LEARNING COLLABORATIVE
Participating Organizations

AAMC
Aetna
Anthem
AstraZeneca
AHIP
AHA
AMA
American Board of Medical
  Specialties
American College of Physicians
American Public Health
  Association (APHA)
American Medical Informatics
  Association (AMIA)
Beth Israel Deaconess Medical
  Center
Bill & Melinda Gates
  Foundation
Blue Cross and Blue Shield
Booz Allen Hamilton
Brookings Institution
Cerner Corporation
Clinical Trials Transformation
  Initiative
Chan Zuckerberg Initiative
Cloudera
Columbia University
Crowell & Moring LLP
Cyft

Defense Health Agency
Digital Reasoning
Duke University
Emmi Solutions
Epic Systems
Federation of American
  Hospitals
Genetic Alliance
Georgetown University
Google
Harvard University
Health Care Systems Research
  Network
Health Hats
HIMSS
Hospital Corporation of
  America
IBM Watson Health
ICER
Indiana University
Institute for Healthcare
  Improvement
JLB Associates
Johns Hopkins University
Johnson & Johnson
Kaiser Permanente
Laureate International
  Universities
Leavitt Partners

Massachusetts eHealth
  Collaborative
Massachusetts Institute of
  Technology (MIT)
Mayo Clinic
Microsoft
MITRE
Moore Foundation
National Association of County
  Health Officials (NACCHO)
National Committee for Quality
  Assurance (NCQA)
National Quality Forum (NQF)
NYC Department of Health &
  Mental Hygiene
NYU Langone Medical Center
Northeastern University
Novartis
Open Health Systems
  Laboratory (OHSL)
Optum Labs
PatientsLikeMe
PCORI
Precision Health Intelligence
Sage Bionetworks
Sanofi
Socos Labs
Stanford University
TAVHealth

Tuckson Health Connections
Tufts University
UnitedHealth Group
UC, San Francisco
University of Connecticut
University of Michigan
University of Utah
University of Virginia
University of Washington
University of Wisconsin
Vanderbilt University

Federal agencies:
NSF
U.S. DHHS
− Office of the Secretary
− AHRQ
− CDC
− CMS
− FDA
− HRSA
− NIH
− ONC
U.S. DOD
U.S. DVA
U.S. GAO

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