

Opportunities and Challenges for Using Digital Health Applications in Oncology: A Virtual Workshop

WEBCAST: <https://www.nationalacademies.org/event/07-13-2020/opportunities-and-challenges-for-using-digital-health-applications-in-oncology-a-workshop>

AGENDA

Monday, July 13, 2020	
9:30 am	Welcome from the National Cancer Policy Forum and Forum on Cyber Resilience Lawrence Shulman, University of Pennsylvania Workshop Planning Committee Chair Fred Schneider, Cornell University Chair, Forum on Cyber Resilience
9:45 am	Session 1: Overview of Digital Health Applications in Oncology <i>Moderator: Lawrence Shulman, University of Pennsylvania</i> Digital Health in Cancer <ul style="list-style-type: none"> Mia Levy, Rush University Medical Center Keynote Presentation COVID-19 and Oncology Digital Health: FDA Perspective <ul style="list-style-type: none"> Anand Shah, Food and Drug Administration Panel Discussion (15 minutes)
10:30 am	Break
10:45 am	Session 2: Lightning Round Presentations: Exemplars of Novel Digital Health Applications <i>Moderators: Deborah Estrin, Cornell Tech and Randall Oyer, Penn Medicine Lancaster General Health</i> Patient-Facing Digital Applications <ul style="list-style-type: none"> Sam Takvorian, University of Pennsylvania Andrea Pusic, Harvard Medical School Panel Discussion (15 minutes)

	<p>Radiology and Pathology Digital Applications</p> <ul style="list-style-type: none"> • Thomas Fuchs, Memorial Sloan Kettering Cancer Center • Sanjay Aneja, Yale University • Panel Discussion (15 minutes) <p>Research/EHRs/Databases</p> <ul style="list-style-type: none"> • Allison W. Kurian, Stanford University • Ravi Parikh, University of Pennsylvania • Panel Discussion (15 minutes)
12:15 pm	Break
1:00 pm	<p>Session 3A: FDA Vision and Priorities for Regulating Digital Health Applications—Q&A with Lawrence Shulman</p> <ul style="list-style-type: none"> • Amy Abernethy, Food and Drug Administration
1:35 pm	<p>Session 3B: Ethical, Security, Governance, and Payment Issues with Digital Health Applications in Oncology <i>Moderators: Deven McGraw, Citizen and Bradley Malin, Vanderbilt University</i></p> <p>Legal Considerations - Patient Privacy and Data Security</p> <ul style="list-style-type: none"> • Kristen Rosati, Coppersmith Brockelman <p>Ethics and Digital Health: What is the Purpose of a Digital Health System and What Must be its Ethical Commitments?</p> <ul style="list-style-type: none"> • Nancy E. Kass, Johns Hopkins University <p>Data Governance and Access: International Perspective</p> <ul style="list-style-type: none"> • Yann Joly, McGill University <p>Race Matters in Oncology Apps</p> <ul style="list-style-type: none"> • Kadija Ferryman, New York University Tandon School of Engineering <p>Payment Policy: Digital Health and Access</p> <ul style="list-style-type: none"> • Cathy J. Bradley, University of Colorado Cancer Center <p>Panel Discussion (30 minutes) Include speakers and</p> <ul style="list-style-type: none"> • Andrea Downing, The Light Collective

2:55 pm	Break
3:05 pm	<p>Session 4: Patient-Facing Digital Technologies <i>Moderator: Karen Basen-Engquist, University of Texas MD Anderson Cancer Center</i></p> <p>Patient Access to their Health Data, Storage, and Portability</p> <ul style="list-style-type: none"> Anil Sethi and Deven McGraw, Ciitizen <p>Electronic Patient-Reported Outcomes (ePROs) as Digital Therapeutics</p> <ul style="list-style-type: none"> Ethan Basch, University of North Carolina <p>Wearable, Mobile and Remote Monitoring Technologies in Oncology: Current Evidence and Future Opportunities</p> <ul style="list-style-type: none"> Susan Peterson, University of Texas MD Anderson Cancer Center <p>Telehealth in Oncology: Learnings From the Rapid and Broad Implementation During COVID-19 Pandemic</p> <ul style="list-style-type: none"> Mia Levy, Rush University <p>Panel Discussion (30 minutes)</p> <ul style="list-style-type: none"> Alicyn Campbell, AstraZeneca Dave Dubin, AliveAndKickn
4:15 pm	Adjourn
Tuesday, July 14, 2020	
9:00 am	<p>Cancer Medicine, Digital Health, and the COVID-19 Pandemic... and After...</p> <ul style="list-style-type: none"> Lawrence Shulman, University of Pennsylvania Workshop Planning Committee Chair
9:10 am	<p>Session 5: Opportunities to Improve Data Availability and Usage in EHRs and Large Databases <i>Moderator: Lawrence Shulman, University of Pennsylvania</i></p> <p>Leveraging Electronic Health Records to Narrow the Divide Between Research and Practice</p> <ul style="list-style-type: none"> Neal Meropol, Flatiron Health <p>Minimal Common Oncology Data Elements (mCODE)</p>

	<ul style="list-style-type: none"> Monica Bertagnolli, Dana-Farber Cancer Institute/Brigham and Women's Cancer Center <p>Utilizing Data and Machine Learning to Change Predictive Analytics into Prescriptive Analytics</p> <ul style="list-style-type: none"> Sibel Blau, Quality Cancer Care Alliance Network <p>Panel Discussion (25 minutes) Include speakers and: Brian Anderson, Mitre Corporation</p>
10:15 am	Break
10:25 am	<p>Session 6: Panel Discussion: Participant Reactions and Recommendations for the Path Forward <i>Moderator: Lisa Kennedy Sheldon, Oncology Nursing Society</i></p> <p>Panelists (5 minutes each for introductory remarks)</p> <ul style="list-style-type: none"> Elisabeth Belmont, MaineHealth Paul Kluetz, Food and Drug Administration Mia Levy, Rush University Medical Center Neal Meropol, Flatiron Health Susan Peterson, MD Anderson Cancer Center Lara Strawbridge, Centers for Medicare & Medicaid Services <p>Discussion (30 minutes)</p>
11:25 am	<p>Workshop Wrap Up Lawrence Shulman, Workshop Planning Committee Chair</p>
11:30 am	Adjourn