

Agenda

NIH-IEEE Special Topics Conference on Healthcare Innovations and Point of Care *Technologies: Technology in Translation*

November 6-8, 2017

NIH Natcher Conference Center (Building 45), NIH Bethesda Campus, MD

If not otherwise noted, the event will be held in the Auditorium

Monday November 6, 2017

7:30 AM – 5:30 PM Registration - Auditorium Foyer
8:30 – 8:45 AM Welcome and Overview of the Conference Goals George Mensah, MD, FACC (NHLBI) Atam Dhawan, PhD (NJIT)
8:45 – 9:45 AM Keynote – Precision Health Gary H. Gibbons, MD, Director, National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH)
9:45 – 10:45 AM Panel Session I Clinical Needs Driving Technology Innovation for Precision Health Steven Schachter, MD, CIMIT, Harvard Medical School (Chair) Srinidhi Tridandapani, MD, PhD, Emory University Michael Lauer, MD, Deputy Director for Extramural Research, NIH
10:45 – 11:00 AM Coffee Break (Auditorium Foyer)
11:00 – 12:00 PM Panel Session II Enabling Technologies: Point-Of-Care Monitoring and Diagnosis Paul Yager, PhD, University of Washington (Chair) Nimmi Ramanujam, PhD, Duke University
12:00 – 1:45 PM Lunch, Poster and Demo Session, POC Technologies Demonstrations - Upper level Atrium Space for the Poster Session, Rm F1/F2 for the Demo Session, and Lunch in the Auditorium Foyer
1:45 – 2:45 PM Panel Session III Translation and FDA Regulatory Issues for POC Technologies Jue Chen, PhD, NHLBI, NIH (Moderator)

<p>Irene Tebbs, PhD, U.S. Food and Drug Administration Cindy Flacks, MPH, MT (ASCP), Centers for Medicare and Medicaid Services John Garguilo, MS, National Institute of Standards and Technology</p>
<p>2:45 – 3:45 PM Panel Session IV Big Data Analytics in Precision Health William Riley, PhD, Office of Behavioral and Social Sciences Research, NIH (Chair) Zachary G. Ives, PhD, University of Pennsylvania Lucila Ohno-Machado, MD, PhD, University of California San Diego</p>
<p>3:45 – 4:00 PM Coffee Break - Auditorium Foyer</p>
<p>4:00 – 5:30 PM Panel V: Funding Opportunities and Resources Tiffani Lash, PhD, NIBIB, NIH (Chair) Wendy Nilsen, PhD, Program Director, National Science Foundation (NSF) Timothy McCarthy, USA Medical Research and Materiel Command Shawna Khouri, MBID, Coulter Translational Partnership Fund</p>
<p>6:30 – 8:30 PM Reception - Hyatt Regency Bethesda IEEE/EMBS</p>

Tuesday, November 7, 2017

<p>8:00 AM – 5:30 PM Registration - Auditorium Foyer</p>
<p>8:30 – 9:30 AM Keynote – POC Technologies: Translation to Market George Whitesides, PhD, Harvard University</p>
<p>9:30 – 10:45 AM Panel Session VI Global Healthcare and POC Technologies Paul Pearlman, PhD, NCI, NIH (Moderator) Christina Giachetti, PhD, the Gates Foundation Eche Ezeanolue, MD, MPH, University of Nevada Monica Kerrigan, MPH, Jhpiego Moka Lantum, MD, PhD, MicroClinic Technologies, Kenya</p>
<p>10:45 – 11:00 AM Coffee Break - Auditorium Foyer</p>
<p>11:00 – 12:00 PM</p>

<p align="center">Panel VII Bench to Market: Standards and Regulatory Considerations Carole Carey, BSEE, MEng, C3-Carey Consultants, LLC (Chair) Julian Goldman, MD, Harvard Medical School, Massachusetts General Hospital (MGH) Jeffrey Kaye, MD, Oregon Health & Science University (OHSU) Michael Fisher, Global Center for Medical Innovation (GCMi)</p>			
<p align="center">12.00– 2.00 PM</p> <p align="center">Lunch Break, Poster Session, POC Technologies Demonstrations - Upper level Atrium Space for the Poster Session, Rm F1/F2 for the Demo Session, and Lunch in the Lower Level Open Space</p>			
Track 1	Track 2	Track 3	Track 4
<p>2.00 – 3:30 PM</p> <p>Breakout Session 1 Developing Internal and External Resources For Translation (Balcony A) Co-Chairs: Jodi Black, PhD, OER, NIH Matthew McMahon, PhD, NHLBI, NIH</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 2 Clinical Translational Challenges (Balcony B) Co-Chairs: Steven Schachter, MD, CIMIT Edward Livingston, MD, JAMA</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 3 Technology Translation and Regulatory Issues (Balcony C) Co-Chairs: Jeffrey Kaye, MD, OHSU Michael Fisher, MS, GCMi</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 4 Validation and Integration (Rm E1/E2) Co-Chairs: Julian Goldman, MD, MGH Wendy Nilsen, PhD, NSF</p>
<p align="center">3.30 – 3.45 PM</p> <p align="center">Break</p>			
<p>3.45 – 5.30 PM</p> <p>Technical Session 1 Developing Internal and External Resources For Translation (Balcony A) Co-Chairs: Jodi Black, PhD, OER, NIH Matthew McMahon, PhD, NHLBI, NIH</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 2 Clinical Translational Challenges (Balcony B) Co-Chairs: Steven Schachter, MD, CIMIT Edward Livingston, MD, JAMA</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 3 Technology Translation and Regulatory Issues (Balcony C) Co-Chairs: Jeffrey Kaye, MD, OHS Michael Fisher, MS, GCMi</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 4 Validation and Integration (Rm E1/E2) Co-Chairs: Julian Goldman, MD, MGH Wendy Nilsen, PhD, NSF</p>

Wednesday, November 8, 2017

8:00 AM – 1:00 PM Registration			
8:30 – 9:30 AM Keynote – <i>All of Us</i> Research Program - Balcony B/C Eric Dishman, Director, Precision Medicine Cohort Program, NIH			
Track 1	Track 2	Track 3	Track 4
9:30 – 11:00 AM Technical Session POC Technologies for Personalized, Preventive, and Precision Medicine (Room A)	9:30 – 11:00 AM Technical Session POC Technologies in Limited Resource Settings (Room C1/C2)	9:30 – 11:00 AM Technical Session mHealth and Global Healthcare (Room G1/G2)	9:30 – 11:00 AM Technical Session Student Paper Competition (Room F1/F2)
11:00 – 11:15 AM Break			
11:15 – 12:30 PM Panel VIII Strategic Future Directions Panel Discussion - Balcony B/C Reports from Chairs, Breakout Sessions Student Paper/Design Awards Atam Dhawan, PhD, NJIT (Moderator) George Mensah, MD, NHLBI, NIH Jodi Black, PhD, NIH Tiffani Lash, PhD, NIBIB, NIH Jue Chen, PhD, NHLBI, NIH Paul Pearlman, PhD, NCI, NIH Christina Giachetti, PhD, Bill & Melinda Gates Foundation Edward Livingston, MD, JAMA Jeffrey Kaye, MD, OHS Julian Goldman, MD, MGH Steven Schachter, MD, CIMIT Srini Tridandpani, MD, Emory University			

<p>Post-Conference Special Workshop 1 Room A 12.30 PM – 3.30 PM From New Technology to Randomized Clinical Trials - Navigating the Health IT and Point of Care Technology Funding Landscape</p> <p>Workshop Leaders: Wendy Nilsen, PhD, NSF and Laura Povlich, PhD, FIC, NIH</p>	<p>Post-Conference Special Workshop 2 Room C1/C2 12.30 PM – 3.30 PM Biomedical Research for Advancing Cuffless Blood Pressure Method</p> <p>Workshop Leaders: Michael Cheetham, NIBIB, NIH and Randy King, PhD, NIBIB, NIH</p>
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