

Draft 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

Monday November 6, 2017

8:00 – 8:30 AM Reception
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 Steve Schachter, MD, CIMIT, Harvard Medical School Srinidhi Tridandapani, MD, PhD, Emory University Michael Lauer, MD, Deputy Director for Extramural Research, NIH
10:45 – 11:00 AM Coffee Break
10:45 – 11:45 PM Panel Session II Enabling Technologies: Point-Of-Care Monitoring and Diagnosis Paul Yager, PhD, University of Washington (Moderator) Nirmala Ramanujam, PhD, Duke University Shivkumar Sabesan, PhD, Verily Life Sciences, LLC, Google
11:45 – 1:45 PM Lunch, Poster and Demo Session, POC Technologies Demonstrations: Paul
1:45 – 2:45 PM Panel Session III Translation and FDA Regulatory Issues for POC Technologies Irene Tebbs, PhD, U.S. Food and Drug Administration TBD

<p>2:45 – 3:45 PM</p> <p>Panel Session IV</p> <p>Big Data Analytics in Precision Health</p> <p>William Riley, PhD, Office of Behavioral and Social Sciences Research, NIH</p> <p>Zachary G. Ives, PhD, University of Pennsylvania</p> <p>Lucila Ohno-Machado, MD, PhD, University of California San Diego School of Medicine</p>
<p>3:45 – 4:00 PM</p> <p>Break</p>
<p>4:00 – 5:30 PM</p> <p>Panel V: Funding Opportunities and Resources</p> <p>Funding Agencies; Angel Investors, Coulter Foundation, NSF, Companies, DOD.</p> <p>Wendy Nilson, PhD, Program Director, NSF</p> <p>Col. Daniel R. Kral, Director, Telemedicine & Advanced Technology Research Center (TATRC) USA Medical Research and Materiel Command</p> <p>Rachael Hagan, Senior Director, Walter H. Coulter Translational Partnership Fund</p>
<p>6:30 – 8:30 PM</p> <p>Reception</p> <p>IEEE/EMBS</p>

Tuesday, November 7, 2017

<p>8:00 – 8:30 AM</p> <p>Reception</p>
<p>8:30 – 9:30 AM</p> <p>Keynote – POC Technologies: Translation to Market</p> <p>Gorge Whitesides, PhD, Harvard University</p>
<p>9:30 – 10:45 AM</p> <p>Panel Session VI</p> <p>Global Healthcare and POC Technologies</p> <p>Paul Pearlman, PhD, NCI, NIH (moderator)</p> <p>Jim Gallarda, PhD, the Gates Foundation</p> <p>Eche Ezeanolue, MD, MPH, University of Nevada</p> <p>Monica Kerrigan: Vice President for Innovations - Jhpiego</p>
<p>10:45 – 11:00 AM</p> <p>Break</p>

<p>11:00 – 12.00 PM</p> <p>Panel VII</p> <p>Bench to Market: Standards and Regulatory Considerations</p> <p>Carole Carey, BSEE, MEng, C3-Carey Consultants, LLC (Chair)</p> <p>Julian Goldman, MD, Harvard Medical School</p> <p>Jeffrey Kaye, MD, Oregon Health & Science University</p> <p>Michael Fisher, Director of Product Development, Global Center for Medical Innovation (GCMi)</p>			
<p>12.00– 2.00 PM</p> <p>Lunch Break, Poster Session, POC Technologies Demonstrations</p>			
Track 1	Track 2	Track 3	Track 4
<p>2.00 – 3:30 PM</p> <p>Breakout Session 1</p> <p>Developing Internal and External Resources For Translation</p> <p>Co-Chair:</p> <p>Jody Black, PhD, NIH</p> <p>TBD</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 2</p> <p>Clinical Translational Challenges</p> <p>Co-Chair:</p> <p>Steve Schechter, MD</p> <p>Michael Dempsey, MD, MGH</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 3</p> <p>Technology Translation and Regulatory Issues</p> <p>Co-Chairs:</p> <p>Jeffrey Kaye, MD, OHS</p> <p>Michael Fisher, GCMi</p>	<p>2.00 – 3:30 PM</p> <p>Breakout Session 4</p> <p>Validation, Standards and Security</p> <p>Co-Chairs:</p> <p>Julian Goldman, MD</p> <p>TBD</p>
<p>3.30 – 3.45 PM</p> <p>Break</p>			
<p>3.45 – 5.30 PM</p> <p>Technical Session 1</p> <p>Developing Internal and External Resources For Translation</p> <p>Co-Chair:</p> <p>Jody Black, PhD, NIH</p> <p>TBD</p> <p>IC representatives:</p> <p>TBD</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 2</p> <p>Clinical Translational Challenges</p> <p>Co-Chair:</p> <p>Steve Schechter, MD</p> <p>TBD</p> <p>IC representatives:</p> <p>Michael Dempsey, MD, MGH</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 3</p> <p>Technology Translation and Regulatory Issues</p> <p>Co-Chairs:</p> <p>Jeffrey Kaye, MD</p> <p>IC representatives:</p> <p>TBD</p>	<p>3.45 – 5.30 PM</p> <p>Technical Session 4</p> <p>Validation, Standards and Security</p> <p>Co-Chairs:</p> <p>Julian Goldman, MD</p> <p>TBD</p> <p>IC representatives:</p> <p>TBD</p>

Wednesday, November 8, 2017

8:00 – 8:30 AM Reception			
8:30 – 9:30 AM Keynote – Precision Medicine Cohort Program Eric Dishman, Director, Precision Medicine Cohort Program, NIH			
Track 1	Track 2	Track 3	Track 4
9:30 – 11:00 AM Technical Session	9:30 – 11:00 AM Technical Session	9:30 – 11:00 AM Technical Session	9:30 – 11:00 AM Technical Session Student Paper Competition
11:00 – 11:15 AM Break			
11:15 – 12:30 PM Panel VIII Strategic Future Directions Panel Discussion Reports from Chairs, Breakout Sessions Student Paper/Design Awards			