



## Return of Genetic Results in the *All of Us* Research Program

Monday, March 6 (8:00 a.m.–6:30 p.m.)

Tuesday, March 7 (8:00 a.m.–5:00 p.m.)

Bethesda Marriott  
 Congressional Ballroom  
 5151 Pooks Hill Road  
 Bethesda, MD 20814

Video Cast: <https://videocast.nih.gov/>

Day 1: March 6, 2017	
Time	Speaker/Panel
8:00-8:15 a.m.	<b>Welcome:</b> Francis Collins, NIH Director
8:15-9:15 a.m.	<b>The PMI <i>All of Us</i> Research Program</b>  <b><i>All of Us</i>: Principles and Distinctive Features:</b> Eric Dishman, Director, <i>All of Us</i> <b>Participant Personas and Data:</b> Kelli Auerbach, Wondros <b>Potential Genome Analysis Platforms:</b> Sek Kathiresan, Broad Institute
9:15-9:30 a.m.	<b>Workshop Goals/Key Questions:</b> Brad Ozenberger, NIH
9:30-10:50 a.m.	<b>Panel 1: Return of Medically Relevant Results: Current State of Science</b> <b>Moderator: Holly Garriock</b>  Gail Jarvik, University of Washington Robert Green, Harvard Medical School David Ledbetter, Geisinger Health System Wendy Chung, Columbia University
10:50-11:10 a.m.	<b>Break</b>
11:10 a.m.-12:30 p.m.	<b>Panel 2: Variant Annotation and Interpretation</b> <b>Moderator: Brad Ozenberger</b>  Dan Roden, Vanderbilt University Medical Center Jonathan Berg, UNC School of Medicine Sharon Plon, Baylor College of Medicine David Goldstein, Columbia University
12:30-1:00 p.m.	<b>Collect Box Lunch</b>

1:00-2:00 p.m.	<p><b>Panel 3: Returning Non-Clinical Results</b>  <b>Moderator: Carolyn Hutter</b></p> <p>Jason Bobe, Icahn School of Medicine at Mount Sinai  Kenneth Chahine, Ancestry.com  Brianna Kirkpatrick, WatershedDNA  Elissa Levin, Helix</p>
2:00-3:10 p.m.	<p><b>Panel 4: Participant Voices</b>  <b>Moderator: Ronnie Tepp</b></p> <p>Consuelo Wilkins, Vanderbilt University Medical Center  Valerie Schaibley, University of Arizona  Sally Okun, PatientsLikeMe  Norma Cuellar, National Association of Hispanic Nurses</p>
3:10-3:30 p.m.	Break
3:30-4:45 p.m.	<p><b>Panel 5: Ethical Considerations</b>  <b>Moderator: Dave Kaufman</b></p> <p>Pearl O'Rourke, Partners Health Care  Joon-Ho Yu, University of Washington  Robert Winn, University of Illinois  Lisa Parker, University of Pittsburgh</p>
4:45-6:00 p.m.	<p><b>Panel 6: Informed Consent</b>  <b>Moderator: Charlisce Caga-Anan</b></p> <p>John Wilbanks, Sage Bionetworks  Paul Appelbaum, Columbia University  Laura Beskow, Duke University  Katie Kopil, Michael J. Fox Foundation</p>
6:00-6:30 p.m.	<p><b>Day 1 Conclusion: Recap and Review/Discuss Key Challenges for <i>All of Us</i></b>  Stephanie Devaney, NIH</p>
<b>Day 2: March 7, 2017</b>	
<b>Time</b>	<b>Speaker/Panel</b>
8:00-8:10 a.m.	<b>Orientation to Day 2 Objectives:</b> Holly Garriock, NIH
8:10-9:15 a.m.	<p><b>Panel 7: Returning Genetic Results- Clinical Laboratory Perspectives</b>  <b>Moderator: Lucia Hindorff</b></p> <p>Heidi Rehm, Partners HealthCare  Madhuri Hegde, Emory University  Christa Martin, Geisinger Health System</p>

9:15-10:15 a.m.	<p><b>Panel 8: Legal/Regulatory Compliance</b>  <b>Moderator: Taunton Paine</b></p> <p>Karen Dyer, Centers for Medicare &amp; Medicaid Services  Adam Berger, Food and Drug Administration  Deven McGraw, Office for Civil Rights</p>
10:15-10:40 a.m.	<b>Break</b>
10:40 a.m.-12:00 p.m.	<p><b>Panel 9: Clinical Support/ Genetic Counseling</b>  <b>Moderator: Mollie Minear</b></p> <p>Andrew Faucett, Geisinger Health System  Kelly East, HudsonAlpha Institute for Biotechnology  James Hendrix, Alzheimer’s Association  Louise Bier, Columbia University  Erynn Gordon, Genome Medical</p>
12:00-12:30 p.m.	<b>Main Messages Per Panel (Moderators)</b>
12:30-1:00 p.m.	<p><b>Review/Discussion/ Open Questions</b>  Joni Rutter, NIH and Eric Dishman, NIH</p>
1:00 p.m.	<b>Close of Public Meeting</b>
1:30-4:30 p.m.	<p><b>Approaches to Responsible Return of Genetic Results  For the <i>All of Us</i> Research Program</b></p> <p><b>GOAL:</b> Draft Guidebook for Implementation:  Outline Primary Issues and Paths to Solutions</p> <p>Determine Working Group Objectives  Working Group Sessions  Working Group Reports; Discussion</p>
4:30-5:00 p.m.	<b>Wrap-Up</b>