

**Roundtable on Population Health Improvement**

**Workshop: How Modeling can Inform Strategies to Improve Population Health**

**April 9, 2015**

**AGENDA**

**Location:** National Academy of Sciences, Lecture Room

2101 Constitution Avenue NW, Washington, DC

**WORKSHOP OBJECTIVES:**

- (1) Identify how modeling could inform population health decision makers' strategies and decision making based on lessons learned from models that been used successfully (or not)
- (2) Identify opportunities and barriers to incorporating models into decision-making
- (3) Identify data needs and opportunities to leverage existing and collecting new data for modeling

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**8:15 am Welcome and overview of the day**

*David Kindig, professor emeritus of population health sciences, emeritus vice chancellor for health sciences, University of Wisconsin-Madison, School of Medicine and Public Health; co-chair, IOM Roundtable on Population Health Improvement*

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**8:25 am Context-setting presentations**

*Moderator: Louise Russell, distinguished professor, Institute for Health, Health Care Policy and Aging Research and Department of Economics, Rutgers University*

**Talk 1: Why modeling matters in improving population health**

*Steven Teutsch, planning committee chair, former chief science officer, Los Angeles County Public Health*

**Talk 2: Why do we need models and how have they been used?**

*Ross Hammond, senior fellow, Economic Studies, and director, Center on Social Dynamics and Policy, Brookings Institution*

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**9:05 am Q&A/Discussion**

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**9:20 am Case studies of models used to inform health policy**

**Case studies will illustrate:** (a) different kinds of models, (b) how they have been used, (c) effectiveness (or lack thereof) in informing decisions.

*Moderator: Marthe Gold, professor emerita of community health and social medicine, Sophie Davis School of Biomedical Sciences, City College of New York; visiting scholar, New York Academy of Medicine*

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	<p><b>Case study 1: Tobacco models</b></p> <p><i>David Mendez, associate professor of health management and policy, University of Michigan</i></p> <p><b>Case Study 2: EPA air standards</b></p> <p><i>Pasky Pascual, former director, Council for Regulatory Environmental Modeling, Environmental Protection Agency (EPA)</i></p> <p><b>Case Study 3: Regional health reform</b></p> <p><i>Bobby Milstein, director, ReThink Health</i></p>
10:20	<b>Break</b>
10:35	<b>Discussion of case studies</b>
11:05	<p><b>Remarks from the IOM President</b></p> <p><i>Victor Dzau, President, Institute of Medicine</i></p>
11:20 am	<p><b>What would population health decision makers like from models?</b></p> <p><i>Gary VanLandingham, director, Pew-MacArthur Results First Initiative</i></p> <p><b>Instructions for discussion groups</b></p> <p><i>Steven Woolf, professor of family medicine and population health, and director, Center on Society and Health, Virginia Commonwealth University</i></p>
11:45 am	<p><b>What would population health decision makers like from models? (Continued; 5 minutes to move to breakout rooms)</b></p> <p><b>Group 1 (Room 250): Health risk factors (e.g., obesity, substance abuse);</b> <i>Facilitator: Karen Minyard, Georgia Health Policy Center</i></p> <p><b>Group 2 (Room 118): Natural &amp; built environments (e.g., air, water, transit, housing);</b> <i>Facilitator: Pasky Pascual, EPA</i></p> <p><b>Group 3 (East Court—outside Lecture Room): Social &amp; economic conditions (e.g., education, income, discrimination);</b> <i>Facilitator: Gary VanLandingham, Results First</i></p> <p><b>Group 4 (Room 280): Integrated health systems (e.g., community conditions and clinical services);</b> <i>Facilitator: Bobby Milstein, ReThink Health</i></p>
12:45 pm	<b>Lunch</b>
1:15 pm	<p><b>Discussion groups report back</b> (10 minutes each group, followed by 20 minute discussion to explore action items for future model development)</p> <p>Rapporteurs:</p> <p><i>Group 1: George Miller, fellow, Altarum Institute</i></p> <p><i>Group 2: JT Lane, assistant secretary, Louisiana Department of Health and Hospitals</i></p> <p><i>Group 3: Nick Macchione, director, San Diego Health and Human Services Agency</i></p> <p><i>Group 4: Louise Russell, Rutgers University</i></p>

2:15 pm	<b>Barriers and opportunities for using models to inform population health interventions and policies</b> <i>Moderator: Bobby Milstein, director, ReThink Health</i> <b>Talk 1: Model validation and decision making</b> <i>Michael Weisberg, associate professor, Department of Philosophy, University of Pennsylvania</i> <b>Talk 2: Improving communication with policymakers on the use and usefulness of models</b> <i>Karen Minyard, Director &amp; Associate Research Professor, Department of Public Management and Policy, Georgia Health Policy Center</i> <i>Representative Sharon Cooper, chair, health and human services committee, Georgia State House of Representatives</i>
3:00 pm	<b>Discussion of barriers and opportunities</b>
3:30 pm	<b>Break</b>
3:45	<b>Future Directions</b> <i>Moderator: Steven Teutsch, former Chief Science Officer, Los Angeles County Public Health</i> <b>Talk 1: Preventive and Population Health Models Group at the CMS Center for Medicare and Medicaid Innovation</b> <i>Darshak Sanghavi, director, Preventive and Population Health Models Group, Center for Medicare and Medicaid Innovation/Centers for Medicare &amp; Medicaid Services</i> <b>Talk 2: Lessons for Using Modeling in Assessing Health Impact</b> <i>Rajiv Bhatia, director, The Civic Engine</i>
4:30	<b>Discussion with all workshop attendees on future directions and capacity building</b> <i>Facilitator: Steven Teutsch</i>
5:00 pm	<b>Reflections on and reactions to the day</b> <i>George Isham, senior advisor, HealthPartners, senior fellow, HealthPartners Institute for Education and Research; co-chair, Roundtable on Population Health Improvement</i>
5:30 pm	<b>Adjourn</b>

*For more information about the roundtable, visit [www.iom.edu/pophealthrt](http://www.iom.edu/pophealthrt) or email [pophealthrt@nas.edu](mailto:pophealthrt@nas.edu).*

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