

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**Making the Living World Engineerable
Science, Practice, and Policy**

National Academy of Sciences Building
Lecture Room
2101 Constitution Avenue, NW
Washington, DC 20418

November 16, 2016

AGENDA

7:30 am	Continental Breakfast
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8:00 am	Welcome
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Jef Boeke, Workshop Planning Committee Chair

8:10 am	Keynote: <i>A Federal Strategy in Support of An Emerging Field – Lessons from History</i>
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Robert E. Kahn, Corporation for National Research Initiatives

8:45 am	Session 1: <i>Drivers of Innovation: Benefits and Applications</i>
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Moderator: **Drew Endy**,* Stanford University

Speakers: **Patrick Brown**, Impossible Foods
Scott Fahrenkrug, Recombinetics
Elizabeth Sattely, Stanford University
Kevin Esvelt, Massachusetts Institute of Technology
Jef Boeke,* NYU Langone Medical Center

10:45 am	Break
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11:00 am	Session 2: <i>Changes in Technology and Practice</i>
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Moderator: **Lalitha Sundaram**, Arsenic Biosensor Collaboration

Speakers: **Todd Peterson**, Synthetic Genomics, Inc
Ben Shen, Scripps Research Institute
Bill Efcavitch, Molecular Assemblies
Rob Carlson, Bioeconomy Capital

12:15 pm	<i>From Science and Technology to Effective Policy</i>
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Stephen Hilgartner, Cornell University

12:45 pm	Lunch
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1:45 pm	<i>Session 3: Implications of Scientific Advances and Changes in Technology and Practice (Challenges/Opportunities)</i>
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Moderator: **Hank Greely**,* Stanford University

Speakers: **Emma Frow**, Arizona State University
Laurie Zoloth, Northwestern University
Jeantine Lunshof, University Medical Center, Groningen
Kathleen Vogel, North Carolina State University

3:15 pm	Break
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3:30 pm	<i>Session 4: Policy Levers: A Strategy for Moving Forward (Regulations and other Approaches)</i>
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Moderator: **Shobita Parthasarathy**,* University of Michigan

Speakers: **Lionel Clarke**, UK Synthetic Biology Leadership Council
Robbie Barbero, White House Office of Science and Technology Policy
Luis Campos, University of New Mexico
Jane Calvert, University of Edinburgh
Jason Delborne, North Carolina State University

4:45 pm	Remarks from the Floor
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5:30 pm	Adjourn
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*Member of Workshop Planning Committee

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