



CENTER of EXCELLENCE
for ENGINEERING BIOLOGY



GP-write Annual Meeting
May 9th-10th, 2017
Attendee Polling Results

Poll Question 1



- Do you believe the timing is right for a Grand Challenge such as GP-write?
 - Yes **100%**
 - No **0%**

Poll Question 2



- What is your greatest concern with respect to synthesizing genomes?
 - Ethical **12.9%**
 - Safety **19.4%**
 - Potential misuse **32.3%**
 - Governance **12.9%**
 - Other **12.9%**
 - No concerns **9.6%**



Poll Question 3



- What do you believe will be the single greatest hurdle for GP-write?
 - **Cost / funding challenges** **22.2%**
 - **Organizational challenges / global collaboration** **18.5%**
 - **Current political environment** **3.7%**
 - **Public perception** **22.2%**
 - **Technical challenges** **33.4%**
 - **Infrastructure development** **0%**
 - **Standards development** **0%**
 - **Other** **0%**

Poll Question 4



- Do you believe the ethical framework proposed for GP-write is satisfactory?
 - **Yes** **72%**
 - **No** **28%**



Poll Question 5



- What is the greatest technical hurdle that impedes our ability to synthesize genomes in the ways we need and/or want to?
 - Design challenges **8.3%**
 - Large scale DNA synthesis **20.8%**
 - Centromere engineering **8.3%**
 - Assembly **12.5%**
 - **DNA delivery 45.8%**
 - Other **4.3%**

Poll Question 6



- If the Center of Excellence for Engineering Biology obtains funding and is able to fund pilot projects, how should they be chosen?
 - **NIH style: Study session, peer review with review panel members identified 50%**
 - NSF Style: A standing panel with a number of anonymous mail in reviews **18.2%**
 - DARPA Style: Anonymous government reviewers **13.6%**
 - Other **18.2%**



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Poll Question 7



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GP-write

- Do you think GP-write can advance the development of new technologies and methods of biological engineering that could move the world ahead in a variety of fields?
 - Yes **96.2%**
 - No **3.8%**