

## EDUCATIONAL RESOURCES

- Six hands-on activities
  - The activities are designed to promote conversations between the public and scientists about the social and ethical considerations of synthetic biology
  - Activities investigate how synthetic biology is interconnected with society, introduce some of the tools scientists use, and explore the applications of synthetic biology in health, food, energy, and the environment
  - Activities will not require special lab facilities or equipment
- One forum
  - This longer conversation is designed as a facilitated group experience between members of the public and scientists
  - The forum is about biologically engineered mosquitos to combat malaria
- Educational event posters and multimedia
  - These materials are designed to help set the context of the event and provide some background information to the public

## PROFESSIONAL RESOURCES

- Facilitator guides for activities and conversations
- Guide for hosting a forum
- Training videos for all activities and the forum
- Tips and resources about public engagement with science (PES)
- Support for scientist facilitator recruitment and participation
- Orientation presentation for staff and volunteers, including a project overview, an introduction to synthetic biology, and an introduction to public engagement with science

## TARGET AUDIENCE

- The activities are designed for family audiences, including children, and work particularly well for ages 8 and up
- The forum is designed for audiences age 16 and up

*The activities, forum, and professional resources are based on prototypes from pilot events and are being revised to incorporate feedback collected through the event evaluation and feedback.*