

# New Opportunity



[www.buildingwithbiology.org](http://www.buildingwithbiology.org)

Activities and Conversations about Synthetic Biology

## Purpose

The purpose of the Building with Biology project is to create conversations in museums among scientists and public audiences about the emerging field of synthetic biology and societal implications.

**Synthetic biology uses new techniques combining biology and engineering to make new or modified living things and materials.** The field is exploring where biology-based products might provide solutions to a wide diversity of problems in health, energy, and the environment.

## Building with Biology Kit

**Two-hundred (200) free physical kits** will be awarded to successful applicants to be used in Summer 2016 Building with Biology events and conversations nationwide. Kits will include:

- Hands-on activities and programs to stimulate conversations among scientists and public
- Professional development and collaboration materials

## Timeline

- **Mid-November, 2015:** Application opens online to apply for a free Building with Biology kit
- **February 1, 2016:** Deadline to submit application
- **March 1, 2016:** Notification of award decisions
- **June 2016:** Kits delivered
- **June – September, 2016:** Host a Building with Biology event
- **Fall 2016:** Report on activities

## This synthetic biology public engagement project is funded by the National Science Foundation and is led by:

- Museum of Science, Boston
- American Association for the Advancement of Science (AAAS)
- BioBuilder Educational Foundation
- Science Museum of Minnesota
- Sciencenter, Ithaca
- Synthetic Biology Engineering Research Center (Synberc)

## Activity Developer Institutions and Scientist Partners

- Arizona Science Center/Arizona State University
- Chabot Space and Science Center/Synberc
- Children's Museum of Houston/Rice University
- The Franklin Institute/University of Pennsylvania
- Lawrence Hall of Science/Synberc
- Museum of Life and Science/NC State University
- Museum of Science, Boston/MIT, BioBuilder
- New York Hall of Science/GenSpace
- Oregon Museum of Science and Industry/Oregon Health & Science University
- Pacific Science Center/University of Massachusetts Dartmouth
- Science Museum of Minnesota/University of Minnesota
- Sciencenter, Ithaca/Cornell University



This material is based upon work supported by the National Science Foundation under Grant Number DRL 1421179. Any opinions, findings, and conclusions expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.

For project questions and inquiries, please send an email to [buildingwithbiology@mos.org](mailto:buildingwithbiology@mos.org).