

**Activities and Conversations about Synthetic Biology** 

### Data Collection Training for Forum Stipend Recipients

June 23, 2016 2:00 PM – 3:00 PM, EST



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### Webinar Agenda

- The Building with Biology Project
- Forum Evaluation Overview
- The Data Collector's Role (before, during, and after the event)
- Troubleshooting
- Questions



# The Building with **Biology** Project



### **Building with Biology Project Overview**

- Partnership of scientists and informal science educators
- Public engagement with science (PES)
- Addresses societal and ethical implications of synthetic biology
- 200 kits of hands-on activities and forums





### **Building with Biology Partners**



**BioBuilder** 

Educational Foundation

**S**Sciencenter

ADVANCING SCIENCE, SERVING SOCIETY







# Evaluation Overview



### **Evaluation Questions**

### What do participants...

...learn from the event? ...value about their participation?

### How does participation impact interest...

... in synthetic biology?

... in public engagement with science?

...in future activities related to synthetic biology?

### **Forum Evaluation Overview**

- Focused on forums (NOT hands-on activities)
- Stipend recipients

If you weren't selected you can still use the resources





## Poll



### **Evaluation Materials**

- Forum Evaluation Data Collection Guidelines
- Forum Surveys
- Evaluation Surveys Envelope
- Evaluation Information cards
- Pre-paid mailing envelope





### **Your Evaluation Contact**

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# The Data Collector's Role



### **The Evaluation Data Collector**

- 1. Complete human subjects training
- 2. Attend this webinar (or watch the recording and speak with your evaluation contact)
- 3. Watch data collection video
- 4. Collect data
- 5. Send data to the Evaluation Team



### Human Subjects Training

- NIH or CITI
- Send to <u>spfeifle@mos.org</u> at least 1 week before your event
- Existing certificates are fine
- To get a new certificate, take the free, 2 hour online course from NIH:

https://phrp.nihtraining.com/users/login.php

**Everyone who collects data MUST have a human subjects training certificate on file.** 

### **Data Collection Training**

### The video summarizes the data collection process.



### https://vimeo.com/169711008



## Poll



### **Data Collection: Preparation**

### **Read** Forum Evaluation Data Collection Guidelines



Forum Evaluation

**Data Collection Guidelines** 

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Building

### **Data Collection: Setup for the Event**

- Follow the Building with Biology Public Evaluation Overview
- Place surveys and pens/pencils on the tables
- Have the Evaluation Information cards and Evaluation Surveys Envelope with you



### Building with Biology Forum Evaluation Overview

### Before the date of the event:

- Identify one data collector for the evaluation.
- Send the data collector's human subjects training completion certificate (NIH or CITI) to spfeifle@mos.org at least one week before your forum.
- Have the data collector attend the live evaluation webinar on Thursday, June 23 from 2:00-3:00 ET, or watch the recorded webinar and call/email your Evaluation Team contact.
- Make sure that the data collector watches the evaluation video.
- □ Have the data collector read the Forum Evaluation Data Collection Guidelines thoroughly.
- Meet with the forum facilitator to make sure he or she will introduce the survey at the beginning of the program and ask participants to fill it out at the end of the program.

### Setup for your event:

- Set up each table with:
- Forum Surveys (enough for each person at the table)
  Pens or pencils
- Make sure you have the following materials with you:
- Evaluation Information cards
  The Evaluation Surveys Envelope from your evaluation envelope

### During your event:

- Have the facilitator introduce the Forum Surveys at the beginning of the program (see reverse of this page for suggested language).
- At the end of the program, have the facilitator use the Recruitment Script (see reverse of this page) to ask adult participants to complete the survey.
- □ The data collector should position him or herself by the exit to:
  - Collect paper surveys from adult participants as they leave the forum
  - Thank participants for their feedback
    Offer Evaluation Information cards to anyone who has questions about the evaluation
- Offer Evaluation Information cards to anyone who has questions about the evaluation
  Place completed surveys in the Evaluation Surveys Envelope, out of the reach of visitors.
- Gather completed surveys in the Evaluation Surveys Envelope, out of the reach of visitors.
  Gather completed recommendation worksheets and surveys that were left on tables. Place
- them in the Evaluation Surveys Envelope.

### After the event - within one week of your event.

- Fill in the survey headers with the data collector's initials, survey number, and site name.
- □ Scan or take pictures of surveys and worksheets and send to spfeifle@mos.org.
- Mail surveys and recommendation worksheets to the Evaluation Team using the addressed,
  pre-paid envelope in your evaluation envelope.
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### **Data Collection: Introducing the Survey**

- Use the *Recruitment Script*
- Either the data collector or the forum host can tell people about the survey

Building

Recruitment Scripts

First introduction to the surveys: When the forum facilitator introduces the materials participants will be using during the forum, she or he should tell participants about the *Forum Surveys*. Here is a script which includes human subject protection language required by this project's Institutional Review Board:

"You will also see *Forum Surveys* on your tables. We value your feedback about this program and will invite you to complete this survey at the end of the program."

Asking adult participants to complete the survey: At the end of the forum, you will want to ask adult participants to fill out the *Forum Surveys* at their tables. In closing the program, the evaluation data collector or radiltator of the forum should use the following language:

"We are trying to get feedback about this forum, and we would like to know what you think about it. On your table, you will see some *Forum Surveys*. If you are age 18 or older, we invite you to complete the survey. It should only take about 5 minutes to complete. Your answers will be anonymous, you can quit at any time, and you can choose not to answer a question if you want. It shouldn't make you uncomfortable at all, and it would help us design activities that will be better for you and everyone else in the future. We'll be collecting completed surveys as you leave."

### **Data Collection: Collecting Surveys**

- Use the *Recruitment* Script
- Ask all adults to complete the survey



### Recruitment Scripts

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### **Data Collection: Collecting Surveys**

- Position yourself by the exit
- Check surveys for completion
- Fill in survey header
- Store surveys in the Evaluation Surveys Envelope



### **Data Collection: Collecting Worksheets**

- After visitors leave, gather the worksheets that each group filled out
- Store these worksheets in the Evaluation Surveys Envelope





### **After the Event**

- Email <u>spfeifle@mos.org</u> with scans or clear photos of
  - Surveys
  - Completed worksheets
- Mail data to the Evaluation Team using the provided envelope



## Questions?



## Troubleshooting



### **Introducing the Survey**

- Read the scripts before the event
- Decide who will say what
- Practice!
- Consent is multi-faceted:
  - Verbal
  - Printed on survey



### Mass Exodus

- Many people may leave at the same time
- Do what you can for data checking (did they see both sides?), but don't panic
- If you have multiple exits, consider multiple data collectors



### It's ok if people leave surveys on the table.

### **People Taking Materials Home**

- Some people may want to take their worksheets
- Tell them this data is valuable for researchers
- If they really want to keep it, ask if you can scan or photograph it first



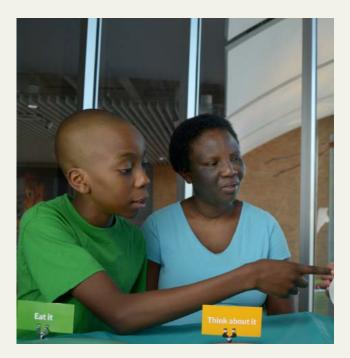
### **Time Management**

- Make sure the host knows to leave time for the surveys
- Tell people about the survey at the beginning
- If you integrate evaluation into the activity, you'll get a better response



### Children

- Forums are designed for adults and older teens
- Some children may participate
- Tell visitors that only adults should complete surveys



## If your event will only include children, please speak to your evaluation contact.

## Poll



## Questions?



### Video

### Remember to watch the data collection video.



### https://vimeo.com/169711008 Building with Biolo

### **Your Evaluation Contact**

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