Program Impacts

- 25 active partner institutions
- Over 1000 programs offered
- Over 52,000 children, families, and facilitators touched
Research & Evaluation Components

- Formative Evaluation
- Expansion Research Study
- Children’s Meaning Making Research Study
- Summative Evaluation
Factors That May Influence Sustainability

- Long-standing community partnerships
- Alignment w/ existing program structure
- Quality curricula
- Flexibility of program & materials
- Prior knowledge/interest of facilitators
- Organizational reach
The Team!!

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Danielle Ford
Effective Collaboration Models: Science Centers and Libraries

Public Libraries & STEM Conference
Margaret Glass

August 21, 2015
A global organization providing *collective voice* and *professional support* for science centers, museums, and related institutions, whose innovative approaches to science learning inspire people of all ages about the wonders and the meaning of science in their lives.
Science Centers
Science Centers and Museums:

- translate complex science into comprehensible relevant form
- build trust between the scientific establishment and the general public
- work in partnerships and collaborations to create centers of science learning
Learning Labs in Libraries and Museums

• National grant competitions in 2011 and 2012

• 24 sites received planning and design grants

• Create teen learning spaces with digital and traditional media

• Connected Learning Framework
Learning Lab sites
Collaborations

Partnerships

Multi-organization collaborations

- Libraries
- Science centers
- Art museums
- Parks and recreation departments
- Media organizations
- Schools and districts
- Afterschool sites
- Higher ed
3 Key Elements

Institutional buy-in

Connecting with core values

Communication
YOUmedia Learning Labs Community

Welcome to the YOUmedia Learning Labs Community Site!

An open community of educators and mentors who share knowledge, questions, and collaborate with colleagues across the YOUmedia Learning Labs network.

Join the CoP today.

http://community.astc.org/youmedia
Thank you!

Teens working during Independent Studio at ARTLAB+ (Washington, DC)

Contact mglass@astc.org
Effective Collaboration Models Between Libraries and Scientists

Public Libraries & STEM Conference
Jeanne Braha
jbraha@aaas.org

August 21, 2015
This project is funded by the Advancing Informal STEM Learning (AISL) program in the Education and Human Resources Directorate of the National Science Foundation through award no. DRL-1421179
## Factors related to scientists’ engagement

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<tbody>
<tr>
<td>1</td>
<td><strong>attitude</strong></td>
<td>scientists’ personal attitude toward engagement; their level of derived or perceived enjoyment</td>
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<td>2</td>
<td><strong>skill</strong></td>
<td>scientists’ real or perceived ability to effectively communicate with diverse audiences</td>
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<td>3</td>
<td><strong>positive norms</strong></td>
<td>scientists’ sense that their efforts help society and are supported / encouraged by their peers</td>
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<tr>
<td>4</td>
<td><strong>media orientation</strong></td>
<td>scientists who use a type of engagement or communication channel and who are aware of the role publicity can play in scientific success</td>
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Barriers Reported: time, status, support