**Activity Description**

### Design Challenge Kits
BeAM Education staff develop a "maker design challenge" that provides a hands-on, engaging way to explore critical concepts that are related to your research. As part of this package, BeAM staff will assemble prototyping materials and instructional guides into kits that can be delivered to your preferred educational organization.

**Intended Audience:**
- K-12 Students OR General Public
- Est. # Served: 20 - 100

**Estimated Cost:**
- $1000+ (dependent on # of kits ordered, minimum 20)

**Project Duration:**
- Development: 4-6 weeks
- Activity Length: 50 minutes

### Community Outreach Kits
BeAM Education staff develop a set of hands-on tabling activities that you and your research team can use at any outreach event (e.g., Community Cafes, School Science Night, etc.) This package includes tools and models made to your specifications in BeAM's makerspaces, as well as outreach training for anyone on your team.

**Intended Audience:**
- K-12 Students OR General Public
- Est. # Served: 250+

**Estimated Cost:**
- $4,000+ (dependent on complexity of activities)

**Project Duration:**
- Development: 4-6 weeks
- Activity Length: 5-10 minutes

### "Research and Making" Curriculum Unit
BeAM Education staff develop a unit of standards-aligned curriculum (typically 3-4 weeks of instructional material) that engages students in your research through hands-on maker activities. This package includes teacher guides, digital design files, and project examples that can be disseminated locally or online.

**Intended Audience:**
- K-12 Students
- Est. # Served: 30-60

**Estimated Cost:**
- $5500+ (dependent on # of weeks and activities in unit)

**Project Duration:**
- Development: 4-6 weeks
- Activity Length: 3-4 weeks

### Citizen Maker Project
The BeAM Design Center and BeAM Education staff create a collaborative maker installation in your choice of location, engaging the public in hands-on discussion and reflection of your research. For example, a project could pose a "critical question" related to your field that prompts visitors to respond through a proposed design or idea.

**Intended Audience:**
- K-12 Students OR General Public
- Est. # Served: 500+

**Estimated Cost:**
- $10,000+ (dependent on complexity of installation)

**Project Duration:**
- Development: 4-6 months
- Activity Length: 1-2 weeks