

## **Precollege Programs Broader Impacts and Engagement Model Video Project Concept for New Student Science Media Fellowship**

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### **Video Overall Idea:**

Inspiring documentary style video illustrating OSU Precollege Programs engagement model for planning broader impacts of research with researchers and implementing with K12 audiences across the State of Oregon. Three overarching ideas will guide the video storyline in support of over 32 years of PCP programming and K12 education partners in Oregon:

1. *STEM Curriculum Development and Delivery* (what do we do?): highlight program offerings (menu of services) as intro to the structure available for planning broader impacts of research, outreach and engagement.
2. *Broader Impact Work* (why do we do it?): define broader impacts, the process of planning for broader impacts, components and best practices for meaningful impact of research on communities, specially K12 audiences.
3. *Engaged Approach* (How do we do it?): illustrate, using a partnership case, how the model of engagement promotes successful broader impact planning and delivery that benefits Precollege Programs, K12 audiences, and scientists seeking to improve science communication and outreach/engagement skillsets.

*Purpose:* Disseminate the mission, vision, menu of services and model of engagement of Precollege Programs as they relate to research broader impact activities and impact Oregon communities. Using illustrative examples of recent research partnerships, the video will use graphics, voice narration and short interviews to tell the story of engagement that leads to meaningful broader impacts of research in society, especially toward broadening participation of underrepresented groups in STEM.

*Structure:* 3-5 minutes long video. We anticipate around 2 minutes of voice over (~300 words) and 1 minute of intermittent interviews with program partners. A desired structure for telling the story is starting “big picture” then becoming more granular. The video is to be narrated by SMILE undergraduate alumni. Interviews may occur in studio (Faculty Media Center and/or other OSU production facilities as available) as well as project/research sites.

\**Example* of an aspiring, similar storyline and graphic design is in this link:  
<http://coseenow.net/wizard/>

### **Intended Audience:**

- 1) OSU Community, leadership and research faculty.
- 2) Nation-wide Precollege Program professionals and researchers.

### **Partners:**

- 1) OSU Precollege Programs and SMILE Program;
- 2) K12 education partners across the State and communities they serve;
- 3) Researchers, NSF PIs, and Precollege Professionals.