

# I<sup>2</sup>D LAB EXP<sup>OSITION</sup>

## 2016 Request for Poster Abstracts

**What:** I<sup>2</sup>D Lab Exposition Poster Session  
**When:** Friday, April 1st, from 9:30am to 11:00am  
**Where:** Lobby, Seng-Liang Wang Hall (516 Northwestern Avenue)



### Why

Our I<sup>2</sup>D Lab Expo invited guests are international development donors and practitioners. We would like to promote partnerships with them by showcasing the many ways in which Purdue is already applying student and faculty research to solve the world's most pressing global development issues. Our development experts will serve as judges of the posters, as well as keynote speakers, and panelists, discussing how Purdue engineering can be a partner of choice to help solve the world's greatest challenges as summarized in the United Nations' Sustainable Development Goals.

### Who should present

Any team working on engineering innovation for international development-related is invited to contribute a poster at this event. International development-related R and D in engineering includes, but is not limited to: low-cost appropriate technologies for energy access, water and sanitation solutions, healthcare technologies for the developing world, humanitarian response, labor-saving innovation, information and communication technologies for economic development, and food security.

### Poster Prizes

Top student posters will be awarded prizes to be used toward project expenses or student travel: 1st Place - \$750, 2nd Place - \$500, 3rd Place - \$250. **Awards will be announced at 10:45am** the day of the poster session in the Seng-Liang Wang Hall lobby. Posters will be judged based on:

- content (ready applicability of research to international development challenges; and clarity of content; and organization of information),
- appearance (aesthetic appeal),
- potential impact (innovation and potential of the work to address a global development challenge),
- and pitch (effective explanation of the work).

### Abstract

Individuals intending to participate in this event should submit the following information to the I<sup>2</sup>D Lab Program Manager (Andrea Burniske, [andreaburniske@purdue.edu](mailto:andreaburniske@purdue.edu)) by **Friday, February 26**.

- Presenter name(s), affiliation(s), and e-mail(s)
- Faculty or staff advisor name and e-mail
- Title of poster
- Abstract (limit 200 words)
- Schedule of expected attendance (i.e., 'which individual will be with the poster and when?') A representative must be with the poster through the entire poster session.
- Description of any demonstration items (let us know about requirements for these)

**Accepted abstracts will be announced Monday, March 11**

**Poster requirements (see attached specifications)**

The poster display area is 4' tall by 6' wide. For student project posters, the maximum dimensions which can be printed are 48" by 36" in either portrait or landscape. Please avoid full color backgrounds or large areas of colored fill.

- **Student projects**

Students are encouraged to use the poster template provided upon registration. Student teams should work with their project advisor in developing their posters. Students are also encouraged to use the I<sup>2</sup>D Lab Program Manager (Andrea Burniske, [andreaburniske@purdue.edu](mailto:andreaburniske@purdue.edu)) as a resource to help create an appropriate and attractive poster. **Files must be submitted by Friday, March 18** as both an editable .pptx file, and as a PDF to serve as a proof. Students may be asked to make edits after submission. Posters will be printed and delivered to the poster competition. A representative from the team must be with the poster throughout the entire poster session for the purpose of judging

- **Graduate research**

Graduate students may re-use a poster from a previous poster session (so long as it meets the poster requirements for size), develop a new poster, or use the poster template provided upon registration. **Grad students must print their own posters and have them displayed by 9:30am** the day of the poster session. Students must plan to be with their poster for at least one hour of the poster session.

## **Advance Prep Session**

Students will have the opportunity prepare for the poster session prior to the event. This preparatory session will aid students in preparing a project pitch, anticipate and prepare to respond to questions about their projects, and better understand the expected audience at the event. The date and time of this event is will be announced at a later date.

## **Judges**

▪ **Robert Clay**, Vice President for Health and Nutrition, Save the Children. TBC ▪ **Dr. Melba Crawford**, Purdue Professor of Excellence in Earth Observation, Director of the Laboratory for Applications of Remote Sensing, and Associate Dean of Engineering for Research ▪ **Michael Deal**, President and CEO, Volunteers for Economic Growth Alliance (VEGA) ▪ **Gebisa Ejeta**, Purdue Distinguished Professor of Agronomy/2009 World Food Prize Laureate ▪ **Noha El-Ghobashy**, President and CEO, Engineering for Change ▪ **Dr. Marietta Harrison**, Purdue Professor of Medicinal Chemistry and Molecular Pharmacology, Deputy Director Discovery Park and Interim Director Regenstrief Center for Healthcare Engineering ▪ **Klein Ibeleji**, Associate Professor Agricultural & Biological Engineering, Purdue University ▪ **David Leege**, Director, University Engagement and Research, Catholic Relief Services ▪ **Jacqueline Callihan Linnes**, Assistant Professor of Biomedical Engineering, Purdue University ▪ **Patrick Loehrer**, Director of the Indiana University Simon Cancer Center, Professor of Oncology and Associate Dean for cancer research at the Indiana University School of Medicine ▪ **Charlene McKoin**, Senior Program Officer, Agricultural Development, Bill & Melinda Gates Foundation ▪ **Alvaro Ocampo**, Professor, and Head of Sustainable Tropical Production, Universidad de Los Llanos - Colombia ▪ **Katey Owen**, Deputy Director for Vaccines Development, Bill & Melinda Gates Foundation ▪ **David Plater**, Program Manager, AMPATH Research Network & Research Program Manager (North America), Regenstrief Institute, Inc.