



*Shah Family Global Innovation Lab*

# I<sup>2</sup>D EXPOSITION

*Linking engineering to international development*

**MARCH 29, 2019**

Understand new challenges. Exchange experiences.

Gain new skills. Network with professionals.

**Free and open to all students, staff, and faculty**

Want to get involved?

Submit a poster abstract at: <https://bit.ly/i2dposter>

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## Innovation for International Development (I<sup>2</sup>D) Exposition

The Shah Family Global Innovation Lab, under Global Engineering Programs & Partnerships, was founded to convene and catalyze consortia – matching world-class capability with the most pressing global challenges. The Lab supports a community of faculty, staff, students, and global partners to respond to bottleneck challenges in international development through engineering innovations and market-driven approaches.

Annually, the Innovation for International Development (I<sup>2</sup>D) Exposition provides a forum for invited development professionals, students, faculty, and staff to share and learn from one another. This year's Exposition is aimed at providing tools and resources for the Purdue community to enhance their impact on the world – from techniques for engaging with stakeholder communities, to tips for pursuing careers in international development.

# Schedule of Events

Updated March 4, 2019 . Stay tuned for updated speaker information.

## THURSDAY March 28

6:00 - 7:30pm

ARMS 1010

### Engineering Careers in International Development **Panel**

Engineers who have pivoted their degrees into careers in international development will discuss how to market yourself, skills employers are seeking, and types of organizations to consider.

Stephen Hellen, Catholic Relief Services

David Hill, Black & Veatch

Dr. Vy Lam, US Agency for International Development

Dr. Jacqueline Linnes, Purdue University

Patrick Pawletko, German Corporation for International Cooperation (GIZ)

*Moderated by Dr. Anne Dare, US Agency for International Development*

*Co-sponsored by Purdue's Center for Career Opportunities*

## FRIDAY March 29

9:30-10:30am

Krannert Auditorium

### Going Green is Not Black and White **Lecture**

Why companies struggle to "move the needle" in sustainability - and how they can do better.

Dr. Yossi Sheffi, Elisha Gray II Professor Engineering Systems, Massachusetts Institute of Technology

*Co-sponsored by Purdue Krannert School of Management*

10:30-11:20am

ARMS 1103

### Community Asset Analysis **Discussion**

Identifying key informants, resources, rapid assessment techniques.

Dr. Terry Bergdall, Former CEO, Institute of Cultural Affairs

*Co-sponsored by Purdue's Office of Engagement*

11:30-1:20pm

ARMS Atrium

### Poster Session and Judging

1:30-2:20pm

ARMS 1109

### Inclusive Development **Discussion**

Identifying and engaging marginalized populations in development projects.

Dr. Vy Lam, Democracy Fellow, Center of Excellence on Democracy, Human Rights and Governance, US Agency for International Development

*Co-sponsored by Purdue's LGBTQ Center and Latinos in Science and Engineering -Purdue Chapter*

2:30-3:20pm

ARMS 1103

### What, So What, Now What?: Engineering, Ethics, and Development **Workshop**

Consider what it means to engage ethically with communities, and how knowledge, expertise, and power factor into development work.

Dr. Donna Riley, Kamyar Haghighi Head and Professor, School of Engineering Education, Purdue University

Dr. Brent Jesiek, Associate Professor, School of Engineering Education, Purdue University

3:30-4:20

ARMS B061

### Engineering the Future **Keynote Address**

Dr. Essam Sharaf, Distinguished Engineering Alumni, Professor, Cairo University, Former Prime Minister of Egypt

4:30-6:00pm

ARMS Atrium

### Reception

Closing, announcement of poster session awards, and networking with invited guests.

10:30 - 11:00 am

Krannert Drawing Room

**Optional book signing with Dr. Yossi Sheffi**

