



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

FRIDAY, APRIL 1, 2016

## OPENING SESSION @Seng-Liang Wang Hall Lobby

- 9:30-11:00am **Poster session and exhibits**  
 Research and development projects with engineering students and faculty
- 10:45am **Winning Posters Announced**

## KEYNOTE & PANEL DISCUSSIONS @Mackey Arena Spurgeon Room

**Focus on engineering partnerships to address the Sustainable Development Goals**

12:00-12:15pm **Opening**  
 Dr. Leah Jamieson, Ransburg Distinguished Professor of Electrical and Computer Engineering and the John A. Edwardson Dean of the College of Engineering, Purdue University

12:15-1:00pm **Project Updates from I<sup>2</sup>D Lab Seed Grant Recipients**  
 Recipients of 2015 and 2016 I<sup>2</sup>D Lab Seed Grants will provide rapid-fire presentations about their projects

1:00-1:45pm **Keynote Address: Engineering for Change. By Engineers. For Everyone.**  
 Dr. Noha El-Ghobashy, President and CEO, Engineering for Change

1:45-3:00pm **Panel: Role of Engineering Innovation in Global Health\***  
**Moderator:** Dr. Marietta Harrison, Professor of Medicinal Chemistry and Molecular Pharmacology, Deputy Director Discovery Park and Interim Director Regenstrief Center for Healthcare Engineering

**Panelists:**

- Robert Clay, Vice President for Global Health, Save the Children
- Dr. Jacqueline Callihan Linnes, Assistant Professor of Biomedical Engineering, Purdue University
- Dr. 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
- Dr. 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



*Noha El-Ghobashy*

3:00-3:45pm **Keynote address: Collaborating to Achieve the Sustainable Development Goals**  
 Michael Deal, President and CEO, Volunteers for Economic Growth Alliance (VEGA)

3:45-5:00pm **Panel: Role of Engineering Innovation in Food Security\***  
**Moderator:** 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

**Panelists:**

- Dr. Gebisa Ejeta, Distinguished Professor of Agronomy/2009 World Food Prize Laureate
- Dr. Klein Ileleji, Associate Professor Agricultural & Biological Engineering, Purdue University
- Dr. David Leege, Director, University Engagement and Research, Catholic Relief Services
- Charlene McKoin, Senior Program Officer, Agricultural Development, Bill & Melinda Gates Foundation
- Dr. Alvaro Ocampo, Professor of Sustainable Tropical Production, Universidad de Los Llanos - Colombia



*Michael Deal*

## RECEPTION @Grissom Hall Atrium

6:00-8:00pm **Open to faculty, staff, and students. Featuring cash bar and catered snacks**

*\*Tweet questions for the panelist and speakers with #I2DExpo2016*



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Tweet us  
@Purdue\_GEP with  
**#I2DEXPO2016**



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The Innovation for International Development (I<sup>2</sup>D) Lab puts engineering innovations to work for global sustainable development

<https://engineering.purdue.edu/GEP/I2DLab/Innovations>

## CORE AREAS



**Water & Sanitation**



**Healthcare**



**Energy**



**Labor-Saving Innovations**



**Information & Communication Technologies**



**Food Security**