You are cordially invited to the

MONSANTO GRADUATE FELLOWS SYMPOSIUM
Sustainability and Global Health

Friday, November 6, 2015
Farrell Learning and Teaching Center, Medical Campus

Symposium 1:00–5:00 p.m., Holden Auditorium
Reception 5:00–6:30 p.m., Hearth Room, 2nd floor

Featured speakers will include Monsanto and Washington University leadership.

Please reply by Friday, October 30 by clicking HERE, or contact Dana Ulrich at 314-935-7926.

Created in 2011, the Monsanto Excellence Fund for Graduate Fellowships in Life Sciences supports annual fellowships awarded to two graduate students pursuing doctoral degrees in Washington University’s Division of Biological and Biomedical Sciences (DBBS). Students are given up to three years of support and provided mentored training in basic and applied laboratory research programs. As part of the fellowship, students are offered the opportunity to spend time at a Monsanto site allowing mentoring by Monsanto scientists while providing experience in a corporate research environment.

Please see Program Schedule below for additional information.
Program Schedule

1:00 p.m.  Welcome

Sherri Brown  
*Vice President Global Technology and Product Development, Monsanto*

1:15 p.m.  “Childhood Undernutrition and Gut Microbiota Immaturity: Human Development Viewed from a Microbial Perspective”

Jeffrey Gordon, MD  
*Dr. Robert J. Glaser Distinguished University Professor, and director, Center for Genome Sciences and Systems Biology, Washington University in St. Louis*

1:45 p.m.  “The Interplay Between the Leishmania Guyanensis RNAi Pathway and Leishmania RNA Virus 1 (LRV1)”

Erin Brettmann  
*Monsanto Graduate Fellow, Molecular Cell Biology Program,*

2:00 p.m.  “Preparing for the Inevitable: Lessons on Stress Management from Pollen”

Eric Hamilton  
*Monsanto Graduate Fellow, Plant Biology Program*

2:15 p.m.  “Using Data Analytics to Grow More with Less”

Anahita Hassanzadeh, PhD  
*Quantitative Researcher, The Climate Corporation*

2:45 p.m.  “In Search of a Scent: Volatiles Associated with the Malaria Parasite”

Chad Schaber  
*Monsanto Graduate Fellow, Molecular Microbiology & Microbial Pathogenesis Program*

3:00 p.m.  Break

3:15 p.m.  “Differential Expression of Conserved Functions Among Genetically Diverse E. coli is Key to Uropathogenic Phenotypes”

Henry Schreiber  
*Monsanto Graduate Fellow, Molecular Genetics & Genomics Program*

3:30 p.m.  “Water Efficient Maize for Africa (WEMA): Sustainable Intensification for Smallholder Farmers in Africa”

Mark Edge  
*Director of WEMA Partnerships (Water Efficient Maize for Africa), Monsanto*

4:00 p.m.  “Sweet Success: Targeting Metabolism to Diagnose and Treat Malaria”

Audrey R. Odom, MD, PhD  
*Assistant Professor of Pediatrics and of Molecular Microbiology, Washington University in St. Louis*

4:30 p.m.  Closing Remarks

Dedric A. Carter, PhD, MBA  
*Associate Provost & Associate Vice Chancellor for Innovation and Entrepreneurship, Professor of Engineering Practice, Washington University in St. Louis*

5:00 p.m.  Reception

Hearth Room, 2nd Floor, Farrell Learning and Teaching Center, Medical Campus