You are cordially invited to the

MONSANTO GRADUATE FELLOWS SYMPOSIUM
Applying Artificial Intelligence to Biological Problems

Friday, November 10, 2017
Farrell Learning and Teaching Center, Medical Campus

Symposium 1:30–4:45 p.m., Kathy E. Holden Auditorium
Reception and Poster Session 4:45–6:00 p.m., Hearth Room, 2nd Floor

Featured speakers will include Monsanto and Washington University leadership.

Please reply by Friday, November 3 by clicking HERE, or contact Kellyn Danehey at 314-935-2845

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 Biology & 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

1:30 p.m. Welcome
Bob McCarroll, PhD
Lead, Science Strategy & Investments, Monsanto

1:45 p.m. “AI in the World and in the Cloud”
Aaron Bobick, PhD
Dean of the School of Engineering & Applied Science, James M. McKelvey Professor
and
William Yeoh, PhD
Assistant Professor, Computer Science & Engineering

2:15 p.m. “Investigating the Impact of mRNA Damage and Modifications on Translation”
Erica Thomas
Monsanto Graduate Fellow, Plant Biology Program

2:30 p.m. “FAST-Forward Protein Folding”
Maxwell I. Zimmerman
Monsanto Graduate Fellow, Computational and Molecular Biophysics Program

2:45 p.m. Break

3:00 p.m. “Artificial Intelligence: Priming Agriculture”
Anju Gupta, PhD
Director, Digital Partnerships & Outreach, Monsanto

3:30 p.m. “Delineate the Role of Non-Core Splicing Factors During Splicing Process”
Manishi Pandey
Monsanto Graduate Fellow, Computational & Systems Biology Program

3:45 p.m. “Regulation of an Alkylation Damage Signaling Pathway”
Jennifer Soll
Monsanto Graduate Fellow, Molecular Genetics & Genomics Program

4:00 p.m. “Machine Learning for Drug Metabolism and Toxicity”
S. Josh Swamidass, MD, PhD
Assistant Professor, Pathology and Immunology, Laboratory and Genomic Medicine

4:30 p.m. Closing Remarks
Holden Thorp, PhD
Provost and Executive Vice Chancellor for Academic Affairs, Rita Levi-Montalcini Distinguished University Professor

4:45 p.m. Reception and Poster Session
Hearth Room, 2nd Floor, Farrell Learning and Teaching Center, Medical Campus