

# Big Data and Ecoinformatics in Agricultural Research Symposium



Thursday, April 27, 2017, Union South

**7:30 – 8 a.m. Registration and breakfast (Varsity Hall I & II)**

*Marquee Theater*

8:00 a.m.	Introduction	Dr. Bill Barker (Associate Dean for Research)
8:15 a.m.	Opening Keynote	Drs. Chris Kucharik and Claudio Gratton (UW-Madison Agronomy, Entomology)
8:45 a.m.	Remote Sensing and Yield Forecasting	Dr. Mark Friedl (Boston University, Chief Science Officer/Co-founder Tellus Labs)
9:45 a.m.	Informatics, Data Sharing, Infrastructure	Dr. Ankur Desai (UW-Madison Atmospheric and Oceanic Sciences)
10:10 a.m.	Break	
10:25 a.m.	Algorithms and Machine Learning	Dr. Rebecca Willett (UW-Madison, Electrical and Computer Engineering and Wisconsin Institute for Discovery)
10:50 a.m.	Applications of Big Data in Agribusiness	Dr. Ravi Sripada (Senior Scientist, The Climate Corporation)

**11:50 a.m. – 1 p.m. Lunch (Varsity Hall I & II)**

*Marquee Theater*

1:00 p.m.	Academic Initiatives	Dr. Alfred Hero (University of Michigan, Michigan Institute for Data Science, Electrical Engineering and Computer Science)
2:00 p.m.	UW Big Data MS Program	Dr. Alex Smith (University of Wisconsin-Eau Claire)
2:25 p.m.	Enhanced Crop Breeding	Dr. Natalia de Leon (UW-Madison Agronomy)
2:50 pm.	Break	
3:05 p.m.	Human Behavior and Prediction vs Causation with Big Data	Dr. Paul Mitchell (UW-Madison Agricultural and Applied Economics)
3:30 p.m.	Policy and National Research Directions	Dr. Parag Chitnis (Deputy Director NIFA/USDA)
4:30 p.m.	Panel and Open Discussion	Symposium speakers and Gary Gabriel (Oracle-Director, Academic Research Strategic Program)

**5 – 6 p.m. Reception (Varsity Hall I & II)**