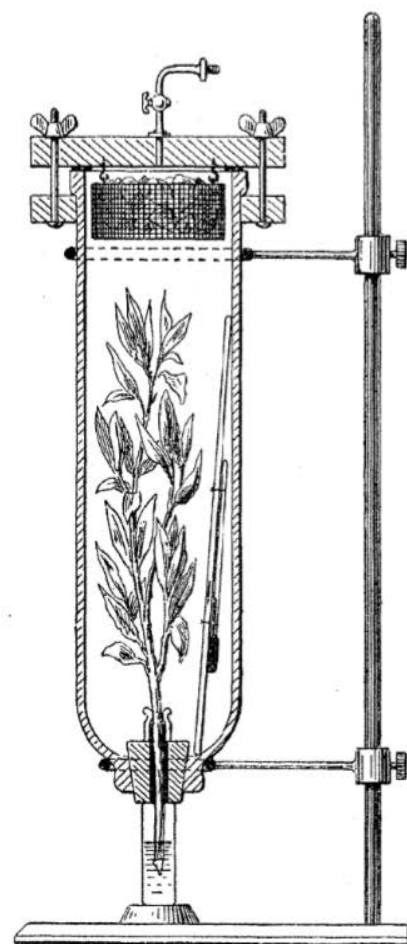


# 2017 DUPONT PIONEER PLANT CENTER SPRING SYMPOSIUM

ADVANCING PLANT SCIENCES  
**WHERE IS THE RESEARCH  
LEADING US?**

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Dixon and Joly, 1985

University of Georgia  
Tuesday, May 9<sup>th</sup>, 2017  
Tate Center Grand Hall  
Athens, GA



# Symposium Schedule

May 9th

Symposium and Social - Tate Center Grand Hall

<i>Time</i>	<i>Speaker</i>	<i>Affiliation</i>	<i>Title</i>
8:00 AM	Registration and Breakfast		
8:45 AM	Clint Steketee	University of Georgia	Welcome - Graduate Student Organizing Committee
8:55 AM	Suzanne Barbour	University of Georgia	Welcome - UGA Graduate School
9:05 AM	Tabare Abadie	DuPont Pioneer	Welcome - DuPont Pioneer
9:15 AM	Cyril Zipfel	The Sainsbury Laboratory	Receptor Kinase-Mediated Immunity: From the Plasma Membrane to the Field
9:55 AM	Candice Hirsch	University of Minnesota	Translating Big Data Into Improved Crop Performance in Agricultural Systems
10:35 AM	Morning Break		
11:00 AM	Josh Clevenger	University of Georgia	Haplotype-Based Genotyping in Polyploids
11:20 AM	Michelle Stitzer	University of California - Davis	Diverse Ecological Strategies Allow Transposable Element Survival in the Maize Genome
11:40 AM	Scott Hamilton Kennedy	Black Valley Films	FOOD EVOLUTION: A Search for the Nuanced Truth in the Struggle Between Art, Activism and Commerce
12:20 PM	Lunch and Faculty Meeting		
1:45 PM	Kevin Hayes	DuPont Pioneer	From Satellites to Sequencing
2:25 PM	Rachel McCoy	Purdue University	Elucidation of Juglone Synthesis in Black Walnut
2:45 PM	Nathan Taitano	University of Georgia	Insights into the History of Oaxacan Chile Pepper Landraces from Genotyping-by-Sequencing
3:05 PM	Afternoon Break		
3:30 PM	Ivan Baxter	USDA-ARS/Danforth Center	Ionomics: Using Molecular Phenotypes to Dissect the Complex Interactions Between Plant Genetics and the Environment
4:10 PM	Seth Murray	Texas A&M University	Dealing with Complexity: Three Vignettes About Advancing Plant Science and Agriculture
4:50 PM	CJ Tsai	University of Georgia	Closing Remarks
5:00 PM	Social		
7:00 PM	Dinner (By Invitation)		

# Workshop and Film Schedule

May 10th

## Workshop - 2401 Miller Plant Sciences Screenings of FOOD EVOLUTION – Cine

<i>Time</i>	<i>Speaker</i>	<i>Affiliation</i>	<i>Title</i>
10:30 AM - 12:30 PM	Scott Hamilton Kennedy	Black Valley Films	Workshop: Public Communications and Documentary Making Through Storytelling
5:15 PM			FOOD EVOLUTION Screening #1
7:15-8:45 PM			Reception
8:00 PM			FOOD EVOLUTION Screening #2

## Symposium Speakers



**CYRIL ZIPFEL**

The Sainsbury Laboratory  
Head of The Sainsbury  
Laboratory, Norwich (UK)  
and hold the Chair of  
Plant Immunology at the  
University of East Anglia  
in Norwich (UK).



**CANDICE HIRSCH**

University of Minnesota  
DuPont Young Professor  
and McKnight Land  
Grant Professor in the  
Department of  
Agronomy and Plant  
Genetics.



**JOSH CLEVENGER**

University of Georgia  
USDA-NIFA postdoctoral  
fellow working under the  
direction of Scott  
Jackson at the University  
of Georgia.



**MICHELLE STITZER**

University of California -  
Davis  
PhD student in the  
Population Biology  
Graduate Group under the  
direction of Jeff Ross-  
Ibarra in the Department  
of Plant Sciences.



**SCOTT HAMILTON  
KENNEDY**

Black Valley Films  
Academy Award®  
nominee, writer,  
director, producer,  
cameraman, and editor.



**KEVIN HAYES**

DuPont Pioneer  
Leader of the Genomic  
Operations and  
Protein Structural  
Analysis team.



**RACHEL MCCOY**

Purdue University  
Ph.D. candidate in the  
Department of  
Horticulture and  
Landscape Architecture  
working with Dr. Josh  
Widhalm.



**NATHAN TAITANO**

University of Georgia  
Ph.D. student from the  
Institute of Plant Breeding  
Genetics and Genomics  
working under the  
direction of Esther van der  
Knaap.



**IVAN BAXTER**

USDA-ARS/Danforth  
Center  
Research computational  
biologist located at the  
Donald Danforth Plant  
Science Center.



**SETH MURRAY**

Texas A&M University  
Associate Professor and  
the Eugene Butler  
Endowed Chair in  
Agricultural  
Biotechnology in the  
Department of Soil and  
Crop Sciences.

For more information <http://plantsymposium.uga.edu>



Wi-Fi: Welcome\_to\_UGA



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MAY 9, 2017

## Symposium Sponsors

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UNIVERSITY OF  
**GEORGIA**

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## Workshop Sponsors

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## Organizing Committee

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Clint Steketee, IPBGG (Chair)  
Bruno Casamali, Horticulture  
Carolina Chavarro, IPBGG  
Silas Childs, IPBGG  
Kristen Engle, Plant Biology  
Lauren Eserman, Plant Biology  
Brigitte Hofmeister, IOB/Genetics  
Leynar Leyton Naranjo, IPBGG  
Ben Stewart-Brown, IPBGG  
Gretchen Bowen, Accountant  
CJ Tsai, Faculty Advisor

## Acknowledgements

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Jim Leebens-Mack, Plant Biology  
Adam Bewick, Genetics  
Timothy Chappell, IPBGG  
Maria Ortega, Forestry  
Karolina Heyduk, Plant Biology  
Gary Orr, IPBGG  
Davis Gimode, IPBGG  
Leynar Leyton Naranjo, IPBGG

