

Plant Center 30th Anniversary Joe L. Key Symposium Program

May 11, 2016

- 12:30 – 1:00 Registration and Silent Auction
- 1:00 – 1:05 **David Lee**, Vice President for Research, UGA
Welcome
- 1:05 – 1:10 **C.J. Tsai**, Plant Center Director, UGA
The Plant Center
- 1:10 – 1:30 **John Ingle**, Former Associate Vice President for Research, Director of Biotechnology, and Director of Technology Commercialization, UGA
Everything you need to know about Joe L. Key (well, perhaps not everything!)
Introduced by Rebecca Tashiro, Postdoctoral Associate, Center for Applied Genetic Technologies

Session 1 Moderator: William Gurley, Professor of Microbiology and Cell Science, University of Florida

Introduced by Wayne Parrott, Professor of Crop and Soil Sciences, UGA

- 1:30 – 1:55 **Virginia Walbot**, Professor of Biology, Stanford University
The Good Old Days: The Key to Success
Introduced by Jonathan Gent, Postdoctoral Associate, Department of Plant Biology
- 1:55 – 2:20 **Thomas Guilfoyle**, Professor of Biochemistry, and **Gretchen Hagen**, Research Professor of Biochemistry, University of Missouri
Ventures to Cleves, Allens, and Harry's Bar
Introduced by Timothy Chappell, Graduate Student, Institute of Plant Breeding, Genetics and Genomics
- 2:20 – 2:45 **Elizabeth Vierling**, Distinguished Professor of Biochemistry and Molecular Biology, University of Massachusetts Amherst
The Heat Shock Response: 30+ Years Later
Introduced by Nicholas Morffy, Graduate Student, Department of Genetics
- 2:45 – 3:10 **Michael Clegg**, Emeritus Professor of Ecology and Evolutionary Biology, University of California, Irvine; National Academy of Sciences
Tracing the Genomic Origins of Crop Plants
Introduced by Lauren Eserman, Graduate Student, Department of Plant Biology
- 3:10 – 3:15 Silent Auction, Benjamin Stewart-Brown, Graduate Student, Institute of Plant Breeding, Genetics and Genomics
- 3:15 – 3:45 Break and Silent Auction

Session 2 Moderator: Eva Czarnecka, Research Scientist of Microbiology and Cell Science, University of Florida Introduced by Wayne Parrott, Professor of Crop and Soil Sciences, UGA

- 3:45 – 3:50 **Suzanne Barbour**, Dean of the Graduate School, UGA (introduced by Wayne Parrott)
Remarks and Introduction to Graduate Student Speakers
- 3:50 – 4:10 **Caitlin Conn**, Department of Genetics
Evolutionary and molecular mechanisms of host perception in parasitic plants of the Orobanchaceae
- 4:10 – 4:30 **Alex Harkess**, Department of Plant Biology
The evolution of a sex chromosome pair in Asparagus
- 4:30 – 4:55 **Gloria Coruzzi**, Carroll & Milton Petrie Professor of Biology, New York University
Key Visions: The birth of plant molecular biology and its community
Introduced by Carolina Chavarro, Graduate Student, Institute of Plant Breeding, Genetics and Genomics
- 4:55 – 5:20 **Roger Boerma**, Executive Director, Georgia Seed Development; Former Distinguished Research Professor of Crop and Soil Sciences, UGA
The 'Key' Effect on Agricultural Research
Introduced by Clinton Steketee, Graduate Student, Institute of Plant Breeding, Genetics and Genomics
- 5:20 – 5:30 **Pamela Whitten**, Senior Vice President for Academic Affairs and Provost, UGA
University Welcome
- 5:30 – 6:30 Social Hour and Silent Auction
- 6:30 – 9:00 Banquet and Silent Auction

Master of Ceremonies: Scott Jackson, Georgia Research Alliance Eminent Scholar and Professor of Crop and Soil Sciences, UGA

- 7:00 – 7:30 **Susan Wessler**, Neil A. and Rochelle A. Campbell Presidential Chair for Innovations in Science Education, University of California, Riverside; Home Secretary, National Academy of Sciences
Our Top Dawg
Introduced by Edward McAssey, Postdoctoral Associate, Center for Applied Genetic Technologies
- 7:30 Other Remarks and Messages
Michael Cassidy, President and CEO, Georgia Research Alliance
Alan Darvill, Director, Complex Carbohydrate Research Center, UGA
Robert Holm, Former IR-4 Executive Director, Rutgers University; Former Vice Board, Biopesticide Industry Alliance
Steven Spiker, Emeritus Professor of Genetics, North Carolina State University
Ginger Goekjian, Former Research Associate of Plant Biology, UGA
- 8:30 Silent Auction winners (Benjamin Stewart-Brown)

May 12, 2016

- 8:00 – 8:30 Breakfast
University Signature Lecture (Moderator: Jeffrey Bennetzen, Georgia Research Alliance Eminent Scholar and Professor of Genetics, UGA; National Academy of Sciences)
- 8:30 – 9:30 **Sir David Baulcombe**, Regius Professor of Botany, University of Cambridge; Royal Society Fellow; National Academy of Sciences Foreign Associate
When genomes meet – RNA, epigenetics and phenotypes of hybrid plants
- 9:30 – 10:00 Break
Session 3 Moderator: Ronald Nagao, Former Senior Research Scientist of Plant Biology, UGA (introduced by Wayne Parrott)
- 10:00 – 10:25 **Natasha Raikhel**, Ernst and Helen Leibacher Endowed Chair and Distinguished Professor of Plant Cell Biology, University of California, Riverside; National Academy of Sciences
Pioneer and Promoter of Plant Molecular Biology
Introduced by Kristen Engle, Graduate Student, Department of Plant Biology
- 10:25 – 10:50 **John Walker**, Curators Professor of Biological Sciences, University of Missouri
Key Signals from Beans to Weeds
Introduced by Chad Niederhuth, Postdoctoral Fellow, Department of Genetics
- 10:50 – 11:15 **Stephen Kresovich**, Robert & Lois Coker Trustees Chair of Genetics, Clemson University
How to Fill Noah's Ark: The Quest to Understand and Conserve Crop Diversity in the 21st Century
Introduced by Thomas Pendergast, Postdoctoral Associate, Department of Crop and Soil Sciences
- 11:15 – 11:40 **Christopher Leaver**, Emeritus Professor of Plant Science, University of Oxford; Royal Society Fellow; Commander of the British Empire
50 Key Years: from Purdue via Georgia, to Africa
Introduced by Rishi Masalia, Graduate Student, Department of Plant Biology
- 11:40 – 11:50 **Adolph E. Gude Jr. Award Presentation**, American Society of Plant Biologists
- 11:50 – 12:00 **Joe Key**, Emeritus Professor of Plant Biology, Former Vice President for Research, UGA
Closing Remarks
- 12:30 – 2:00 Lunch with speakers and guests (by invitation)

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