Katherine Esau Research Symposium:
Integrating Plant Structure with Function,
Development and Evolution

Thursday, March 29, 2012 1002 Giedt Hall, UC Davis
Registration link: www.plantsciences.ucdavis.edu/plantsciences/esau

9:30 – 9:40 am
Opening Remarks

9:40 – 10:30
Przemyslaw Prusinkiewicz, University of Calgary
“The interplay between genetics and self-organization in the development of plants”

10:30 – 11:20
Lawren Sack, UCLA
"Developmentally-based scaling laws for leaf venation architecture explain global ecological patterns"

11:20 – 11:40
Coffee Break

11:40 – 12:30
Kevin Boyce, University of Chicago
“400 million years of leaves and their impact on the evolution of terrestrial environments and ecosystems”

12:30 – 1:40
Lunch

1:40 – 2:30
Amy Litt, New York Botanical Garden
“What makes a petal a petal: homology in the molecular era”

2:30 – 3:20
Joe Williams, University of Tennessee, Knoxville
"Structural, functional, and evolutionary aspects of reproduction in angiosperms."

3:20 – 4:00
Coffee Break

4:00 – 4:50
Siobhan Brady, UC Davis
“Dissecting novel aspects of root growth and development using tomato as a model species”

4:50 – 5:15
Stefan Little, UC Davis University of California
“Dynamics of vegetative developmental anatomy in Ginkgo”

5:15 – 5:45
Summary and Comments

Symposium will be followed by a reception in the Botanical Conservatory (6:15-8:00 pm)
http://greenhouse.ucdavis.edu/conservatory/index.html