

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

Katherine Esau

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

Sponsored by:
Katherine Esau Fellowship Program
Department of Plant Biology
Department of Plant Sciences

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 **KATHERINE ESAU**
Stefan Little, *Professor of Botany*
UC Davis *University of California*
*"Dynamics of vegetative, California
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>

ANATOMY OF SEED PLANTS