

SPEAKERS AWARDS 2003-14

DISTINGUISHED
 NOEL T. KEEN LECTURERS
 FRED AUSUBEL
 JEFF DANGI
 CHRIS SOMERVILLE
 JOANNE CHORY
 BERNHARD PALSSON

POSTDOCS
 YING FUHONGWEI LI
 AUDREY AH FONG
 JAN ZOU WANG
 RUI LU
 TAKESHI SUKAO
 MARCELA PIERCE/EUN JU SONG
 VANITHA RAMACHANDRAN
 ANGELICA MUSTROPH
 HUANBIN ZHOU
 ABEL ROSADO/RUIXI LI
 SHENGBEN LI
 TORUJITSUCHIYA

GRADUATE STUDENTS
 YING GU
 HAIFENG LI/SUNRAN KIM
 WAN-CHING LIN
 KAI-HSEH
 XIAO-HONG WANG
 COLLEEN KNOTH
 KEVIN HORAN
 TONGDA XU
 GREGORY BARDING
 YUANYUAN ZHAO
 MING WANG
 SHAOFANG LI

UNDERGRADUATE STUDENTS
 NEIL A. CAMPBELL
 JOSH LAURICHA
 DALE AROMDDEE
 MONI BHATTACHARYA
 ZUHJYH (DANIEL) LIN
 NOLAN UNG
 FITZ GERALD DALIA
 MATTHEW ALPERT
 ASHLEY YEE
 GRANT BRADY
 CHRISTOPHER CONNOR

TECH TALKS
 ANIRBAN CHAKRABORTY
 RONALD GORHAM

**GLORIA CORUZZI
 JOSEPH ECKER
 PHIL BENFEY
 ROB MARTENSSEN
 JAMES CARRINGTON
 ELLIOT MEYEROWITZ
 EVA BENKOVA**



As CEPCEB Founder and IIGB Director Natasha Raikhel is retiring this year, the Center expresses its deep gratitude for her vision, leadership, spirit and support over the years.

UCRIVERSIDE UNIVERSITY OF CALIFORNIA | Institute for Integrative Genome Biology

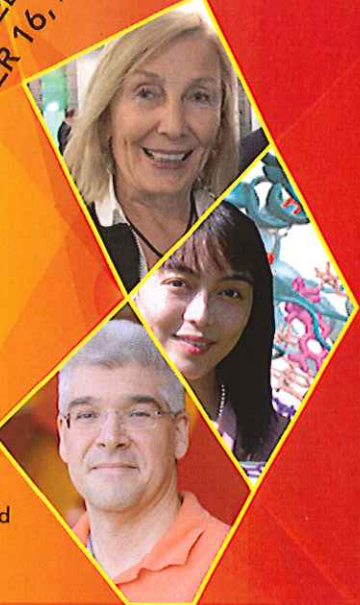


CEPCEB
 Center for Plant Cell Biology
 at UC Riverside

AWARD SYMPOSIUM
 2015 THIRTEENTH ANNUAL

PAMELA J. GREEN
 DELAWARE BIOTECHNOLOGY INST.
 UNIVERSITY OF DELAWARE

DISTINGUISHED NOEL T. KEEN LECTURER
 DECEMBER 16, 2015; 12PM - 5PM



Pioneering solutions for hunger, disease and environmental sustainability

PROGRAM

- 12:00 pm REGISTRATION and LUNCH
- 1:00 pm WELCOME: Julia Bailey-Serres, CEPCEB Director
- Session Moderator: Thomas Eulgem, Associate Professor
- 1:00 pm Research Talk: Meng Chen, Assistant Professor
Botany & Plant Sciences
"Gene Positioning in Plants"
- 1:25 pm TechTalk: Jorge Lozano Juste, Postdoc
Botany & Plant Sciences
"Genome Editing with CRISPR/Cas9"
- 1:35 pm Research Talk: Juan Pablo Giraldo, Assistant Professor
Botany & Plant Sciences
"Engineering Chloroplast Light Reactions of Photosynthesis with Nanomaterials"
- 2:00 pm Tech Talk: Brandon Le, Postdoc
Botany & Plant Sciences
"Using Target Mimics to Inhibit microRNA Function"
- 2:10 pm Tech Talk: Stephen Snipes, Graduate Student
Botany & Plant Sciences
"WUS Interactome Network: A High-Throughput Sequencing Approach"
- 2:20 pm COFFEE BREAK
- Session Moderator: Thomas Girke, Professor
- 2:40 pm Research Talk: Stephanie Robert, Assistant Professor
Umeå Plant Science Center, Swedish University of Agricultural Sciences (SLU), Sweden
"Selective Degradation of Aux/IAA Proteins Modulates Plant Development"
- 3:05 pm Tech Talk: Jeannette Rapicavoli, Graduate Student
Plant Pathology & Microbiology
"Zeta Potential: Utilizing Surface Charge to Explore Host-Pathogen Interactions"
- 3:15 pm Research Talk: Omar Akbari, Assistant Professor
Entomology
"Utilizing Synthetically Engineered Reciprocal Chromosomal Translocations to Catalytically Drive Genes into Wild Populations"
- 3:45 pm CEPCEB DONOR RECOGNITION / AWARD PRESENTATIONS
- Distinguished Noel T. Keen Lecture
- 4:10 pm Pamela J. Green, Crawford H. Greenewalt Chair
Professor of Plant and Soil Sciences and Professor of Marine Studies
Delaware Biotechnology Institute, University of Delaware
"Insights from Plant and Human RNA Degradomes: Which mRNAs are Ribonucleases Degrading and Why?"
- 5:10 pm EVENING RECEPTION

THE CENTER

In 2002, Natasha Raikhel led the initiative at UC Riverside to form the Center for Plant Cell Biology (CEPCEB) in the established Institute for Integrative Genome Biology (IIGB) and to develop from scratch instrumentation cores to support the research endeavors of the Center and the broader campus community. It was the Center's vision to become a truly multi-disciplinary unit that embraced "systems-based" research – the melding of computational approaches and technological innovations with molecular and cellular biology. CEPCEB's interdisciplinary initiatives have reached researchers across campus and have brought together members of biological science, engineering, computing and chemistry departments. Consequentially, CEPCEB currently has a vibrant community of over 50 plant scientists who address fundamental questions of cell biology with an eye on translational research.

The Center for Plant Cell Biology Award Fund was established in 2002 to provide annual awards in recognition of research excellence in the areas of plant cell and molecular biology, genomics, bioengineering, and bioinformatics. The CEPCEB Award Fund annually sponsors awards at the postdoctoral, graduate student, undergraduate student, and high school student levels.

A prominent scientist is invited to present at the CEPCEB Award Ceremony annually. This seminar, titled the Distinguished Noel T. Keen Lecture, is named after an eminent plant pathologist and one of the first supporters and members of CEPCEB who brought considerable recognition to UC Riverside. CEPCEB is deeply grateful to Dr. Keen's widow, Diane, for generously establishing an endowment to help support this special lecture series. In memory of Neil Campbell, Visiting Scholar in the Botany & Plant Sciences department for 15 years, and his contribution to biology education and research, CEPCEB also started presenting in 2005 the Neil Campbell CEPCEB Undergraduate Award for Outstanding Research. The Center is also indebted to Rochelle Campbell, Dr. Campbell's widow, for her ongoing generous support of undergraduate student research and education. Research excellence awardees and Distinguished Lecturers since the Center's inception are listed on the IIGB website.

Under CEPCEB's current leader, Julia Bailey-Serres, CEPCEB is inspired to transfer its excitement of plant cell biology to a new generation of scientists who are extending research at UCR around the world.

NOEL T. KEEN LECTURE

TITLE:
Hormonal Regulation of
Root System Architecture

Pamela Green received her PhD in Biochemistry and Molecular Biology from the State University of New York at Stony Brook. After post-doctoral research with Nam-Hai Chua at Rockefeller University, she joined the DOE Plant Research Laboratory and the Department of Biochemistry at Michigan State University, where she was a professor for 13 years. She moved to the Delaware Biotechnology Institute of University of Delaware in 2002 where she is the Crawford H. Greenewalt Chair and Professor of Plant and Soil Sciences, Marine BioScience, Chemistry/Biochemistry and Biological Sciences. Green has served on or chaired the boards of the Gordon Research Conferences, the Committee on Science and the Arts of The Franklin Institute, the International Society of Plant Molecular Biology, Trends in Plant Biology, and the Arabidopsis Steering Committee. She is a Fellow of the American Association for the Advancement of Science and the American Society of Plant Biologists. The overall aim of research in the Green lab is to elucidate post-transcriptional mechanisms that control gene expression. This has been pursued with a combination of molecular, genetic, biochemical, genomic and bioinformatic analyses and the development of new transcriptomic approaches. The work is carried out in both plant and animal systems and focuses on mRNA decay, ribonucleases, environmental stress and miRNAs.

PAMELA J. GREEN

Crawford H. Greenewalt Chair
Professor of Plant & Soil Sciences
and Professor of Marine Studies
Delaware Biotechnology Institute,
University of Delaware

