

PEOPLE

AAAS 2009 Elected Fellows: Current Members of ASPB

The 2009 Fellows of AAAS were announced on December 17, 2009, and the awards will be presented on February 20, 2010, during the Fellows Forum at the AAAS Annual Meeting in San Diego, Calif. The fellows were elected this past November in recognition of their overall contributions to science and technology. Each fellow receives a certificate and a blue and gold rosette as a symbol of his or her distinguished accomplishments. Of the 531 fellows elected for 2009, 24 current members of ASPB were among those selected by the AAAS Sections on Agriculture, Food, and Renewable Resources; Education; and Biological Sciences. Congratulations to all the honorees!

ASPB members by AAAS Section

Section on Agriculture, Food, and Renewable Resources

Joseph Chappell

University of Kentucky

For contributions spanning from the basic understanding of terpene metabolism in plants to the broader applications of this knowledge to technological advances for the benefit of mankind

Bob Goldberg

University of California, Los Angeles

For his fundamental and seminal contributions to our understanding of seed development, his commitment and success in undergraduate education, and his numerous contributions to biotechnology

Peter K. Hepler

University of Massachusetts, Amherst

For contributions as one of the most influential plant cell biologists, who continues to achieve breakthroughs that have guided the research directions of numerous plant scientists

Harry J. Klee

University of Florida

For seminal contributions to understanding factors that control tomato flavor

Henry T. Nguyen

University of Missouri

For contributions to plant genetics and genomics, and for national and international recognition of his research leadership in abiotic stress research, especially drought tolerance

Peggy Ozias-Akins

University of Georgia

For distinguished contributions to the field of agricultural biotechnology, particularly in the areas of apomixis research and peanut genetic engineering and molecular breeding

Anireddy Reddy

Colorado State University

For distinguished contributions to the field of plant biology, particularly for advancing understanding of plant cell biology and service to professional society

Donald P. Weeks

University of Nebraska, Lincoln

For a body of work that includes the development of broadleaf crops, such as soybean and cotton, that are resistant to treatment with the highly effective and environmentally friendly broadleaf herbicide, dicamba, as well as for pioneering work with the model plant cell system *Chlamydomonas reinhardtii*

Section on Education

Susan Singer

Carleton College

For lifelong leadership in analysis and synthesis of evidence for use in improving science education at the K–12 and undergraduate levels, and for exemplary teaching

Section on Biological Sciences

Sally Assmann

Pennsylvania State University

For distinguished contributions to the field of plant biology as realized through a holistic approach to understanding the response of plant cells to environmental stimuli

W. Zacheus Cande

University of California, Berkeley

For contributions toward understanding cell division in eukaryotes

Timothy Close

University of California, Riverside

For exemplary pioneering research and international service and leadership in the field of crop genomics

Darleen A. DeMason

University of California, Riverside

For pioneering research into development of crop plants, including onion, lupin, date palm, maize, and pea, and exemplary leadership in campus administration include? Lots of these folks could list this sort of activity

Natalia Doudareva

Purdue University

For contributions to the understanding of the biochemistry and molecular biology of volatile secondary metabolites and the regulation of their production and emission in plants

Erich Grotewold

Ohio State University

For distinguished contributions in the field of plant gene expression, particularly in the areas of control of plant metabolism and plant development

Sarah Carter Hake

U.S. Department of Agriculture

For distinguished contributions to the field of plant biology, particularly for elucidating the mechanisms underlying the vegetative and reproductive development of flowering plants

Steve A. Kay

University of California, San Diego

For studies that impact our understanding of the molecular architecture of circadian clocks in plants, fruit flies, and mammals

Joseph Kieber

University of North Carolina–Chapel Hill

For contributions to plant hormone biology, particularly to his team's understanding of cytokinin signal transduction and of ethylene biosynthesis and signaling

Robert L. Last *Michigan State University*

For distinguished contributions to the field of plant biochemistry, particularly through the development of creative, novel approaches in genetics and genomics

Donald R. Ort

University of Illinois, Urbana–Champaign

For research accomplishments in the area of photosynthesis, ranging from molecular mechanisms to ecosystems scale responses, and for leadership through service in professional societies

Michael Scanlon

Cornell University

For contributions to the field of plant developmental genetics and genomics in the area of leaf development and shoot meristem function, and for graduate and undergraduate teaching

Jen Sheen

Massachusetts General Hospital

For seminal studies of signaling pathways in plants

Su-May Yu

Institute of Molecular Biology, Taiwan

For achievements in deciphering the mechanism of sugar regulation on rice growth, and for contributions in the development of rice biotechnologies and establishment of the rice mutant library for the worldwide plant science community

MariaElena Zavala

California State University, Northridge

For distinguished contributions to the promotion of diversity in science and in the development of effective mentoring programs for students