

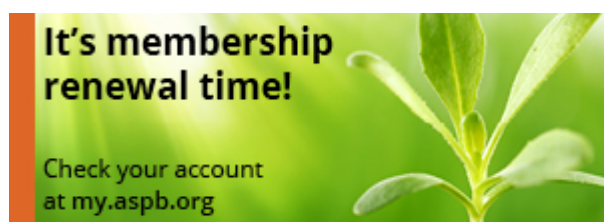


December 2017

## FEATURE

### Phenome 2018

Time is running out: [register today](#) for Phenome 2018! And don't forget to reserve your accommodations before **January 16, 2018**.



## AWARDS

### Joanne Chory Awarded Breakthrough Prize in Life Sciences

ASPB member and Salk Institute faculty member Joanne Chory was awarded the prestigious Breakthrough Prize in Life Sciences.

### Kranthi Mandadi Named 2017 New Innovator in Food and Agriculture Awardee

ASPB member Kranthi Mandadi, from Texas A&M University, was named one of eight 2017 New Innovator in Food and Agriculture Research awardees by the Foundation for Food and Agricultural Research.

### AAAS/ASPB Mass Media Science & Engineering Fellowship

The ASPB/AAAS Mass Media Science & Engineering Fellowship is now accepting applications. If you are interested in pursuing a career in science writing, this program may be for you! Deadline: **January 15, 2018**.

### Apply for a Recognition Travel Award to Attend Plant Biology 2018

ASPB's Minority Affairs Committee is offering a

## IN THIS ISSUE

### Awards

### *The Plant Cell and Plant Physiology*

### Research

### Education & Outreach

### ASPB Updates



### Assistant Professor of Plant Physiology

*University of California  
Davis, CA, USA*

### Assistant Professor of Plant Evolutionary Biology and Systematics

*University of Maine  
Orono, ME, USA*

### Assistant Professor, Molecular Biology

*University of Missouri  
St. Louis, MO, USA*

*Search/browse all jobs on  
[jobs.plantae.org](http://jobs.plantae.org)*

Great candidates; zero travel! Join [jobs.plantae.org](http://jobs.plantae.org)

limited number of Recognition Travel Awards for students, postdocs, and faculty. Applications are due **January 31, 2018**.

**The Plant Cell and Plant Physiology**

This month's top papers in *The Plant Cell* and *Plant Physiology* by Altmetric score are

*The Plant Cell*: [An Automated Confocal Micro-Extensometer Enables In Vivo Qualification of Mechanical Properties with Cellular Resolution](#)

*Plant Physiology*: [The Next Generation of Training for Arabidopsis Researchers: Bioinformatics and Quantitative Biology](#)

**Access to The Plant Cell and Plant Physiology**

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**RESEARCH**

**Next Generation of Training for Arabidopsis Researchers: Bioinformatics and Quantitative Biology**

In a commentary in *Plant Physiology*, Freisner and 38 coauthors describe the challenges that need to be addressed in training the next generation of plant scientists, and suggest some solutions. Read the Commentary and the story behind the Commentary

**What We're Reading**

Find out [Why We're Writing "What We're Reading."](#) Feel free to share your suggestions by sending an [email](#).

[What We're Reading: December 8](#)

[What We're Reading: December 1](#)

[What We're Reading: November 24](#)

**December Plantae Competition: Take a Research Selfie!**

Take a selfie in your lab, greenhouse, growth chamber, or anywhere else you work. Be creative (but appropriate), and tell us something about what you are doing in the photo!

**EDUCATION & OUTREACH**

at the upcoming **online STEM career fair**

**ASPB Calendar**

**Plant Biology 2018**

July 14-18, in Montréal, Canada  
[Registration now open!](#)

**Phenome 2018**

February 14-17, in Tucson, Arizona

**Western Section 2018 Meeting**

February 3-4, at California State University, Fullerton

**Midwestern Section 2018 Meeting**

March 3-4, at Iowa State University

**Southern Section 2018 Meeting**

March 24-26, at Le Pavillon in New Orleans

**Northeastern Section 2018 Meeting**

April 28-29, at the University of Massachusetts

*View all upcoming ASPB deadlines and events*

**ASPB News**



## **SURF Applications Now Being Accepted**

The ASPB Summer Undergraduate Research Fellowships (SURF) fund promising undergraduate students so they can conduct research in plant biology during the early part of their college careers. SURF recipients must present their research at ASPB's annual Plant Biology meeting in the year following the fellowship award. Applications due **March 15, 2018**.

## **READ THE LATEST ISSUE**

### **Accepting Applications: ASPB's Master Educator Program (MEP)**

The MEP offers financial support to successful applicants to participate in focused, substantive, and practical professional development with the aim of creating undergraduate plant biology instruction materials aligned with the recommendations of Vision and Change and ASPB's core concepts in plant biology. Applications due **March 12, 2018**.

### **Apply for a Plant BLOOME Grant**

The ASPB Plant Biology Learning Objectives, Outreach Materials & Education (BLOOME) grant aims to enhance public awareness and understanding of the essential roles of plants in all areas of life. Plant BLOOME 2018 is open to ASPB members with education and outreach projects that advance youth, student, and general public knowledge and appreciation of plant biology. Applications due **April 2, 2018**.

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## **ASPB UPDATES**

### **Support the Creation of a Mexican ASPB Section**

Many ASPB members have been working hard to lay the ground work and write a [proposal](#) to create a Mexican section. For this initiative to be successful, however, we now need 3% of the ASPB membership to support, although not necessarily join, this new section. We ask that you support this effort by signing the [petition](#) before **January 15, 2018**.

### **ASPB joins with other societies to launch the Scientific Society Publisher Alliance**

A group of prestigious not-for-profit scientific membership societies, including ASPB, have announced the launch of the [Scientific Society Publisher Alliance](#), an initiative focused on building awareness of and support for

publication of scientific research by scientist-run scientific societies.



### **Contribute to the Joe Varner Travel Award Fund**

Please help us recognize the many contributions of Joe Varner, one of the pillars of ASPB for decades, through your support of the recently announced Joe Varner Travel Award Fund. The intent is to raise sufficient funds to endow at least two annual travel awards that will be presented to promising plant scientists near the beginning of their careers who want to attend the annual Plant Biology meeting to present their research.

### **International Plant Molecular Biology 2018**

View program and speakers for the [International Plant Molecular Biology 2018 Congress](#).

### **Needed: Plantae Seminar Suggestions**

Make suggestions for topics or speakers you would like to see included in the Plantae seminars in 2018.



## Maize Kernel Development

by Brian Larkins

Co-published with ASPB in November 2017

**ASPB member discount 35% with code CCASPB**





American Society  
of Plant Biologists

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