



February 2018

## FEATURE

### Let Your Voice Be Heard

ASPB is undertaking a [broad survey](#) to measure what our members most value about their membership. We hope that you will help us by participating; the larger the response, the better the data - and the better ASPB can serve you now and in the future.

## ADVOCACY

### First Look at Trump's FY2019 Budget Request

President Trump proposes cuts to NIFA and ARS, while flat-funding AFRI in his FY2019 budget request.

## AWARDS

### Announcing the Plant Biology 2018 Travel Grant Awardees

The [2018 Travel Grant](#) and the [2018 ASPB Sharon Gray Women's Young Investigator Travel](#) awardees have been announced.

## JOURNALS

### Top Papers in *The Plant Cell* and *Plant Physiology* by Altmetric Score in the last month

- *The Plant Cell*: [Advances in imaging plant cell dynamics](#)
- *Plant Physiology*: [Defended to the Nines: 25 years of resistance gene cloning identifies nine mechanisms for R protein function](#)

## IN THIS ISSUE

[Awards](#)

[Advocacy](#)

[Journals](#)

[Research](#)

[Education & Outreach](#)

[ASPB Updates](#)

[Plantae](#)

[People](#)



### Bioinformaticist Project Scientist/Engineer

*Lawrence Berkeley National Laboratory  
Walnut Creek, CA, USA*

### Asistant Professor - Plant Imaging

*University of Saskatchewan  
Saskatoon, Saskatchewan,  
Canada*

### Department Head, Agronomy and Horticulture

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

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### RESEARCH

#### What We're Reading

Curated summaries of each week's most interesting plant science papers. Feel free to share your suggestions by sending an [email](#), and find out [Why We're Writing "What We're Reading."](#)

[What We're Reading: February 16](#)

[What We're Reading: February 9](#)

[What We're Reading: February 2](#)

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### EDUCATION & OUTREACH

#### Summer Research Funding

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 are due **March 15, 2018**.

#### 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 are due **March 12, 2018**.

#### Apply for a Plant BLOOME Grant

ASPB's Plant Biology Learning Objectives, Outreach Materials & Education (BLOOME) grants aim 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

University of Nebraska  
Lincoln, NE, USA

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### ASPB Calendar

#### Plant Biology 2018

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

#### 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

#### International Plant Molecular Biology 2018

August 5-10, Montpellier, France

#### First Annual North American Mass Spectrometry Summer School

August 6-9, Madison, WI

*View all upcoming ASPB deadlines and events*

### ***Plant Direct***

appreciation of plant biology. Applications are due **April 2, 2018**.

**ASPB UPDATES**

**NEW! Chrispeels & Gepts: Plants, Genes, and Agriculture**

What needs to happen if we are going to feed almost 10 billion people by the year 2050 in a sustainable way? Written for first- and second-year university students, this interdisciplinary textbook addresses this challenging question, presenting biological, economic, and sociocultural issues at an introductory level.

**ASPB Joins Other Societies in 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 for promising plant scientists near the beginning of their careers who want to attend the annual Plant Biology meeting to present their research.

**PLANTAE**

**Self-Reflection: A Leadership and Management Blog Series by Early-Career Plant Scientists**

Science is a rewarding career, but it can challenge those who pursue it because the pathway to a permanent position may be long and fragmented. Not surprisingly, many of the early-career researchers we've spoken to say they'd like advice and resources to help them navigate their career path. With



*Plant Direct* is an open access, sound science journal for the plant sciences. Topics include but are not limited to genetics, biochemistry, development, cell biology, biotic stress, abiotic stress, genomics, phenomics, bioinformatics, physiology, molecular biology, and evolution.

**READ THE LATEST ISSUE**

**ASPB News**



**READ THE LATEST ISSUE**

this in mind, we've started a blog series, "Self-reflection," that focuses on career skills and career navigation. It will have new posts twice a month.

### **Plantae February Contest: Time to Think About Travel!**

Do you have a top travel tip for your colleagues, or a place on your "bucket list" that you can't wait to get to? [Share your suggestions](#) (pictures and links are encouraged!). The entry that gets the most "likes" by **February 28** will win a \$50 Amazon Gift Card.

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### **PEOPLE**

#### **ASPB Member Runs for Congress**

University of Missouri plant science graduate student and former ASPB Science Policy Committee early career-member Hallie Thompson @HJ\_Thompson runs in the Democratic primary to represent Missouri's 4th District in the U.S. Congress.

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**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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