



Welcome to the Signal, ASPB's monthly membership email
(formerly ASPB Member Chatter)

NOVEMBER 2016

ELECTION 2016

ASPB President Sally Mackenzie emailed a message to the U.S. members of ASPB regarding the election of Donald Trump to be the next president of the United States. Her message described how, despite a divisive election campaign, the ASPB community has a critical role to play in educating the incoming administration and stated that the Society must work constructively with President-elect Trump's administration to address global challenges of sustainably providing for the food, fuel, fiber, and other plant-based product needs of a growing world population. [Read more.](#)

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ADVOCACY

Washington University Students Release GE Documentary

Jos Dinneny, Sarah Hake, Pam Ronald, Roger Beachy, Peter Raven, and others are featured in a new Chinese-targeted documentary on the value and safety of genetic engineering technology.

Agency Update: DARPA Announces Proposers Day for New Insect Allies Program

The Insect Allies program will seek to "provide an alternative to traditional agricultural threat response, using targeted gene therapy to

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Post Doc Fellowship in Molecular Plant Reproduction

*The University of Melbourne
Melbourne, Australia*

Multiple Positions for Postdoc, Student, Technician in Epigenomic Regulation of Environmental Response

*Ying Li Lab
Purdue University
West Lafayette, Indiana*

Katharine H. Putnam Fellowships in Plant Science

protect mature plants within a single growing season.”

NIFA Introduces FACT Program for Data Science in Agriculture

On October 10, the U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) convened a summit in Chicago to identify future uses of data in agriculture and to build on existing U.S. government-wide investments in big data.

RESEARCH

November: What We're Reading This Week

A weekly roundup of the latest in plant science research. Feel free to share your suggestions by sending us an [email](#).

[What We're Reading: Nov 25](#)

[What We're Reading: Nov 18](#)

[What We're Reading: Nov 11](#)

[What We're Reading: Nov 4](#)

Plantae Seminar Series: Getting the Most Out of RNA-seq Data with expVIP (Expression Visualization and Integration Platform)

In this seminar, [Cristobal Uauy](#) discusses the use of expVIP, a customizable expression data analysis and visualization platform, that allows easy analysis of RNA-seq data combined with an intuitive and interactive visualization interface.

[Log-in to Plantae to view the recording.](#)

The Plant Cell Begins Opt-in Publishing of Peer Review Reports

As of January 2017, *The Plant Cell* will offer authors the option of associating a Peer Review Report with each research article. Reviewer anonymity will be strictly maintained.

Reminder: Plant Physiology Focus Issue on Stomata

This issue will cover all aspects of stomatal biology, from the evolution and development of stomata, through their molecular and cellular characteristics, to their modeling and function in the environment. Submissions of original research that addresses any of these topics is welcome.

Deadline: December 5

PSRN Workshops Updates

Last month, the Plant Science Research Network held two workshops to address 1)

*Arnold Arboretum of Harvard University
Boston, Massachusetts*

[Search/browse all jobs on jobs.plantae.org](#)

ASPB Calendar

ASPB 2017 Travel Grant to attend Plant Biology 2017

Deadline: December 14, 2016

ASPB 2017 Women's Young Investigator Travel Award to attend Plant Biology 2017

Deadline: December 14, 2016

ASPB Minority Affairs Committee 2017 Recognition Travel Award

Deadline: February 3, 2017

[View all upcoming ASPB deadlines and events](#)

ASPB News



President's Letter
Roll Up Your Sleeves!
BY SALLY HACHINE
University of Nebraska-Lincoln

Nominations Opening Soon for 2017 ASPB Awards!
The Time to Recognize and Honor Excellence Among Our Fellow Plant Scientists is Approaching

Call for Nominations for 2017 ASPB Awards!
Nominations will be due to all members of ASPB by January 15, 2017, and nominations will be due Friday, February 17, 2017. Nominations are to be submitted to the 2017 awards program by e-mailing [hachine@aspb.org](#). Please send to the 2017 awards program by e-mailing [hachine@aspb.org](#). Please send to the 2017 awards program by e-mailing [hachine@aspb.org](#). Please send to the 2017 awards program by e-mailing [hachine@aspb.org](#).

cyberinfrastructure and big data and 2) postgraduate training in the plant sciences. Look for an update on the workshops on Plantae and in the *ASPB News*! [Join the Plant Science Research Network on Plantae.](#)

Emerging Technologies in Phenomics Sessions at Phenome 2017

Determining the exact phenotypes of a large population of plants, including architectural parameters, metabolic status, and developmental stage, has traditionally required a great deal of hard work. That is changing. [Learn more and register to attend Phenome 2017 today.](#)

Submit Your Abstract for Plant Biology 2017 Honolulu, HI | June 24-28, 2017

January 30, 2017: Deadline to be considered for a concurrent symposium or a lightning talk.
May 24, 2017: Deadline to be included in the online program book and receive a poster number. Primary poster presenter must be registered for the conference and must submit an abstract.

GRANTS & FUNDING

Foundation for Food and Agriculture Research Funding Opportunity Announcement

FFAR announces a call for bold, innovative, and potentially transformative food and agriculture research proposals. Prospective grantees may come forward with a proposal for up to \$1,000,000 of FFAR funding, and must secure equal or greater matching funding from a non-federal source before a grant will be awarded. Pre-proposals due by **January 16, 2017**. [Learn more](#) or [Download detailed pre-proposal guidelines and instructions.](#)

AAAS - Riley Memorial Lecture: Nominations Being Accepted

Together with the Charles Valentine Riley Memorial Lecture and the World Food Prize Foundation, AAAS is [seeking nominations](#) for the 2017 lecture, to be held next spring. Nominees should be working at the forefront of a pressing issue at the nexus of agriculture and society, and they should have made outstanding scientific contributions and/or significant policy accomplishments related to research and innovation in agriculture, with demonstrated

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societal impact.

Deadline for nominations: **December 2, 2016.**

[ASPB Travel Grant to Attend Plant Biology 2017](#)

Deadline: **December 14, 2016**

[ASPB 2017 Women's Young Investigator Travel Award to Attend Plant Biology 2017](#)

Deadline: **December 14, 2016**

[ASPB Minority Affairs Committee Recognition Travel Grant](#)

Deadline: **February 3, 2017**

[SURF Applications Open December 1](#)

Deadline: **March 1, 2017**

CAREERS

[Communicating Effectively With Graphics](#)

Frederic Bouche, a postdoctoral researcher with Rick Amasino at the University of Wisconsin, recently caught our attention when he published a set of impressive visual abstracts to support his latest research papers. We invited him to share how and why he makes these images.

[ASPB/AAAS 2017 Mass Media Science & Engineering Fellows Program](#)

This 10-week summer program places scientists, engineers, and mathematicians at high-profile media organizations nationwide. Fellows use their academic training to sharpen their ability to communicate complex scientific issues to the public. ASPB sponsors one fellow each year. Applications now being accepted through **January 15, 2017.**

[Translating Science to the General Public](#)

What are the challenges, for both the scientist and the public, in communicating science to the public?

[Join the discussion](#) to share your ideas and learn from others.

PEOPLE IN THE NEWS

[Honoring Emanuel Epstein](#)

On November 5, 2016, Emanuel Epstein, who has been dubbed the father of modern root physiology for his extensive research into how

plants extract minerals from the soil and biochemistry, celebrated his 100th birthday.

Recognizing Featured TPC First Authors, October 2016

Recently, we've been profiling first authors of papers published in *The Plant Cell* that were selected for "In Brief" summaries. [Here](#) are the first-author profiles from the October issue of *The Plant Cell*.

ASPB UPDATES

President's Letter: Roll Up Your Sleeves!

"I consider it a tremendous privilege to serve you as president of ASPB this year. Because I have participated for the past several years as chair of the Publications Committee and member of the Science Policy and Executive Committees, I feel as though the start of this year provides an invaluable opportunity to take a step back and reflect on the Society as a whole with you, its membership." Sally Mackenzie, ASPB President

Flora Unveiled Discount for ASPB Members

Pre-order *Flora Unveiled* from the [OUP website](#) and receive a 20% discount using the promo code ACFLYP8 at the checkout window.

BLOOME Grant Recipient Molly Edwards Publishes Third Episode of Science in Real Life Series

Edwards interviews Margaret Frank, a postdoctoral researcher in the Chitwood Lab (Donald Danforth Plant Science Center), who takes us through her plant grafting research.



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