



DECEMBER 2016

ASPB and Other Leading Scientific Organizations Reach Out to Trump

Recently, ASPB, AAAS, and 27 other leading professional societies and U.S. scientific organizations sent a letter to President-elect Donald Trump urging him to quickly appoint a science adviser who is a nationally respected leader with appropriate engineering, scientific, management, and policy skills.

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ADVOCACY

Appropriations Update: Congress Passes Continuing Resolution to Fund the Government

On December 9, Congress passed a continuing resolution to fund government operations through April 28, 2017. The bill passed with bipartisan support, with a Senate vote of 63-36 and a House vote of 326-96.

Policy Update: Congress Passes American Innovation and Competitiveness Act

On December 16, Congress passed the American Innovation and Competitiveness Act (AICA, S. 3084), which sets policy for the National Science Foundation (NSF), National Institute of Standards and Technology (NIST), STEM (science, technology, engineering, and mathematics) education, and other cross-agency research programs.

RESEARCH

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FEATURED JOBS

Assistant Professor of Root Biology and Rhizosphere Interactions

*Pennsylvania State University
State College, PA, USA*

Research Geneticist (Plants)

*USDA-ARS
St. Paul, MN, USA*

Assistant/Associate Professor Weed Science

*Mississippi State University
Mississippi State, MS, USA*

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

Best of 2016: Top Topics in *Plant Physiology*

We've highlighted some of the *Plant Physiology* papers that were widely shared, liked, blogged, retweeted, or otherwise garnered high levels of attention this year. Perhaps you could use some of that holiday season quiet time to catch up on those papers you might have missed...

December: 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: Dec 16](#)

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

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

Reminder: *Plant Physiology* Focus Issue on Stomata

This issue, which is being edited by Keiko Torii, Timothy J. Brodribb, and Mike Blatt, 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 for submissions February 6, 2017.

GRANTS & FUNDING

Do You Have a \$2 Million Research Idea?

The Foundation for Food and Agriculture Research's Seeding Solutions program is accepting pre-proposals through January 16, 2017. [Learn more](#) or [download detailed pre-proposal guidelines and instructions](#).

PUI Faculty Development Workshop at Plant Biology 2017: Apply for a Travel Award

As a faculty member at a primarily undergraduate institution (PUI), do you find yourself challenged to develop and nurture a research program that is robust and engaging? If so, you might want to attend [ASPB's PUI Faculty Development Workshop](#), which will take place on the morning of June 24, 2017-- just before Plant Biology 2017 kicks off. Pending formal notification of funding from National Institute of Food and Agriculture, we expect to be able to offer a number of competitive travel awards to help offset the costs of travel to Hawaii.

Deadline to apply: January 11, 2017.

ASPB Calendar

ASPB Minority Affairs

Committee 2017

Recognition Travel Award

Deadline: February 3, 2017

ASPB Midwestern Section

Meeting

February 4-5, 2017

Phenome 2017

February 10-14, 2017

Travel Awards Available:

[Deadline to apply](#): January 3, 2017.

Apply to be a SURfer

Deadline: March 1, 2017

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

ASPB News

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0-11 Plant Biology 2017 Call for Abstracts

0-15 Next Class of New Nominations: Sponsored Faculty Selection Reexamined

0-17 Where Are They Now? Interview: J. Chikara

ASPB News

THE NEWSLETTER OF THE AMERICAN SOCIETY OF PLANT BIOLOGISTS

President's Letter

Roll Up Your Sleeves!

BY SALLY MACDONALD
University of Nebraska-Lincoln

I consider it a tremendous privilege to serve you as president of ASPB this year. Because I have participated in the past several years as chair of the Nominations Committee and member of the Science Policy and Funding Committee, I feel as though the rest of the year provides an invaluable opportunity to take a step back and reflect on the Society as a whole, both in its membership and in its mission. ASPB is moving in an exciting new direction, and the difficult is being up.

In 2016, ASPB took a big step in creating working environments, now streamlined by award levels and seed-based mechanisms. To help ensure that we continue to support the great science community as it moves into the future, ASPB has developed a number of new programs called Phenome. Phenome is an online digital ecosystem that is allowing science research to be better shared about the needs of the community. But

Please don't become a fully active member for nothing and nothing else if you all participate in defining the guidelines and getting in participant positions. I hope that this year we will see our membership become more active and more engaged.

For my next post, I want to see Phenome in the field when the community can spend time on emerging science technologies, foster leading student training, and the passion of the science teaching, sharing for research and education. Perhaps Phenome will also become a collection of your rapid online publishing and a great publication discussion that you can have over some topics of interest. Phenome will give you a chance to see how you can make your own mark in science. Please send your comments to [helping ASPB improve and make it a better experience of sharing it among community members](#) at [http://www.aspb.org](#)

Nominations Opening Soon for 2017 ASPB Awards!

The Time to Recognize and Honor Excellence Among Our Fellow Plant Scientists is Approaching!

The 2017 Call for ASPB Award Nominations will be out to all members by January 3, 2017, and nominations will be due by Friday, February 3. ASPB encourages you to participate in the 2017 awards program by nominating highly deserving individuals. Please reach for the Call for Nominations to view award rules, see our website, and view social media. In the meantime, please visit ASPB's award page ([http://www.aspb.org/awards](#)) so that you can see who among your colleagues has received these awards in the past and determine who might be best deserving in the future.

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

READ THE LATEST ISSUE

Phenome 2017 Travel Awards

The Phenome 2017 steering committee is pleased to offer a limited number of travel awards to students, postdocs, and early career researchers. Travel awards to Phenome 2017 are generously supported by [Li-Cor](#), the [Midwest Big Data Hub](#) (MBDH), [ARPA-E](#), and the [National Science Foundation](#).

Grants4Traits from Bayer Crop Science

Bayer Crop Science offers you financial and scientific support to develop your ideas for novel traits that will help to achieve higher yield, quality, and safety in crops as they face increasing pressure from weeds, insects, diseases, and unfavorable climate conditions.

Now Open: L'Oréal USA For Women in Science Fellowship Application

Applications for the 2017 L'Oréal USA for Women in Science fellowship program are now open. **Deadline to apply: February 3, 2017.**

CAREERS

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. **Deadline to apply: January 15, 2017.**

Is the Focus on High-Impact Papers Detrimental to Scientific Productivity? Join the Conversation on Plantae.

To combat this perceived problem, the University of Utrecht in the Netherlands is experimenting with a broader way of evaluating the value of the activities of its researchers.

Contribute to the Plant Image Collection

Plant Image analysis is a growing field in the plant community. From the subcellular level to the canopy, many tools have been developed over the past few years, most of which are referenced at plant-image-analysis.org. Read how you can contribute to and benefit from this collection.

What Would You Like to Know About Industry Careers for Plant Scientists?

Join our Plantae Seminar panelists for a candid



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ASPB membership opens doors and provides access to career opportunities, education, and other valuable benefits.

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conversation based on your questions.

Three plant scientists will discuss their experiences with industry careers and the different opportunities they have had working at Monsanto. Participants are invited to pre-submit their questions as they register, and additional questions will be addressed during the seminar. A recording will be made available on Plantae after the event.

PEOPLE IN THE NEWS

ASPB's Melanie Binder Named One of 17 AAAS Community Engagement Fellows

Melanie, who manages the Plantae community, has been named by AAAS as one of 17 scientific, non-profit, technological and communications experts who will form the inaugural class of AAAS Community Engagement Fellows. This Sloan Foundation-funded project will expose the diverse mix of fellows to training sessions and events that will hone their skills in enhancing collaboration among scientists.

Geraint Parry: "How I Work"

Geraint Parry is currently the [GARNet Coordinator](#), which is a varied role involving grant writing, updating social media, organizing workshops, preparing reports, attending meetings, and keeping the plant science community updated with the latest developments.

What Are Your 2016 Plant Science Highlights? Contribute to the Discussion on Plantae.

From stimulating conferences and new friends made to political shifts across the globe, what are your strongest recollections from 2016?

Purdue Plant Scientist Anjali Iyer-Pascuzzi is One of Nine FFAR New Innovator Awardees

Iyer-Pascuzzi's Neww Innovator in Food and Agriculture Research Award is designed to launch new faculty members into successful scientific careers in food and agriculture. Her lab studies root-mediated disease resistance.

ASPB UPDATES

ASPB Nominations Begin January 3, 2017

Nominations will be opening on January 3, 2017, for the [ASPB Awards](#) and for [elected positions](#)

on the ASPB Council. Closing date is February 17, 2017.

Flora Unveiled Discount for ASPB Members

Pre-order *Flora Unveiled: The Discovery and Denial of Sex in Plants*, by Lincoln Taiz and Lee Taiz, from the [OUP website](#) and receive a 20% discount by entering the promo code ACFLYP8 prior to checkout.



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