



March 2017

FEATURED

New Plantae Resource Hub

Visit www.plantae.org for content curated by editor Mary Williams and the Plantae Fellows.

This new hub includes:

- ["What We're Reading this Week"](#) – a weekly roundup of interesting and notable plant science research from around the globe
- [Plantae Seminar Series](#)
- [Curated video lectures](#)
- [Profiles of plant scientists](#)
- [The Plant Cell hub page](#)
- [Career](#) and [education](#) resources
- [Plantae Blog](#)
- [Plantae Job Board](#)

ADVOCACY

ASPB Becomes an Official Partner Organization for the March for Science

ASPB joins the [March for Science](#) in support of robust federal funding for and public communication of science. As more information about the March is released, ASPB will announce Washington, DC, meet-up instructions as well as ways in which the entire plant science community can get involved.

Agricultural Research Congressional Exhibition & Reception Announced for April 5

ASPB is working with [APLU](#), the [SoAR Foundation](#), and [NCFAR](#) to organize a congressional event that highlights the value of USDA-supported research and related activities. Scientists, educators, and extension specialists from across the nation will participate in the event.

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FEATURED JOBS

Post-Doctoral Research Associate - Plant Oil Biochemistry

*University of Southern Mississippi
Hattiesburg, MS, USA*

Assistant/Associate Professor - Functional Food Biochemist

*Ohio State University
Columbus, OH, USA*

Dean, College of Bioresources and Agriculture

*National Taiwan University
Taipei, Taiwan*

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

[Nominations due March 22 to NAS for Breakthroughs 2030 10-year Food & Ag Science Study Committee](#)

The National Academies (NAS) has officially announced the *Breakthroughs 2030* study to produce a 10-year agenda for food and agriculture research. Nominations for the study's lead committee are **due by Wednesday, March 22**.

RESEARCH

[Plant Direct Launches](#)

Edited by Ivan Baxter, this new sound science journal for the plant sciences gives prompt and equal consideration to papers reporting work on a variety of subjects. Topics include but are not limited to genetics, biochemistry, development, cell biology, biotic stress, abiotic stress, genomics, phenomics, bioinformatics, physiology, molecular biology, and evolution. A collaborative journal launched by ASPB, SEB, and Wiley, *Plant Direct* publishes papers submitted directly to the journal as well as those referred from *The Plant Cell*, *The Plant Journal*, and *Plant Physiology*. [Learn more](#).

[NCSU Graduate Research Opportunity](#)

North Carolina State University's Colleges of Agriculture and Life Sciences, Engineering, and Sciences are recruiting outstanding students to pursue interdisciplinary PhDs as USDA-funded National Needs Fellows. We are targeting students from groups traditionally underrepresented in agricultural sciences, including women and African-, Hispanic-, Native-, and Asian Americans. We seek highly qualified and motivated students with demonstrated research experience and potential to excel in an interdisciplinary setting.

[What We're Reading](#)

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: March 10](#)
- [What We're Reading: March 3](#)
- [What We're Reading: February 24](#)
- [What We're Reading: February 17](#)

[Engineers, Plant Biologists, and Data Scientists Assembled in Tucson Phenome 2017](#)

The inaugural Phenome 2017 conference was

ASPB Calendar

[ASPB Mid-Atlantic Winter Dinner Meeting](#)

March 21, 2017

[ASPB Southern Section Meeting](#)

April 8-10, 2017

[ASPB Northeast Section Meeting](#)

April 22-23, 2017

[ASPB Mid-Atlantic Section Meeting](#)

April 29, 2017

[Plant Biology 2017](#)

[#plantbio17](#)

June 24-28 in Honolulu

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

ASPB News



[READ THE LATEST ISSUE](#)

held February 10-14, 2017, in beautiful Tucson, AZ. The theme, "Connecting the Bioeconomy," was developed as a direct outcome of the Plant Science Decadal Vision publication ([2013, <http://bit.ly/1Fj1IC3>](https://doi.org/10.1002/plsc.1213)) and was organized by the National Plant Science Council and the North American Plant Phenotyping Network, with meeting management provided by ASPB.

Plant Physiology Focus Issue on Cellular Dynamics

To be published in January 2018, this Focus Issue will provide a series of invited Update Reviews on hot topics in plant cell biology, with broad coverage of the major plant organelles and cytoskeletal systems. Original research articles on the dynamic processes of plant cells are also welcome.

Deadline for submissions: June 5, 2017.

Plant Physiology Focus Issue on Energy: Light and Oxygen Dynamics

To be published in February 2018, this Focus Issue will consider topics ranging from cellular processes to developmental decisions, in the context of the organism and its interactions with a dynamic and challenging environment.

Deadline for submissions: August 1, 2017.

EDUCATION & OUTREACH

Fascination of Plants Day is May 18, 2017

Want to share your fascination of plants with the world? Submit a photo or video via Facebook, Twitter, or YouTube by tagging your picture or video with the hashtag #FoPDUSA. Submissions between March 14 and May 14 will be entered into the ASPB FoPD 2018 Photo and Video Contest. ASPB will award prizes to the most "liked" videos and photos on each social media platform. [Learn more about the contest.](#) You can also participate in Fascination of Plants Day 2017 by organizing an education or outreach event in your local community. Share your event with ASPB by emailing plantday@aspb.org. [Check out 2015's winners.](#)

New Competition: Teaching Tools in Plant Biology pre-proposals!

We want to hear your ideas for new content for *The Plant Cell's* [Teaching Tools in Plant Biology](#) series and are soliciting pre-proposals for contributions. Authors of selected proposals will be invited to submit an article to the series and



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upon acceptance receive a \$500 stipend. Pre-proposals will briefly describe the proposed Teaching Tool, but the contest winners will be required to submit full Teaching Tools with PowerPoint slides, Lecture Notes and Teaching Guides. Address any questions to Mary Williams, mwilliams@aspb.org.

Upcoming Plantae Seminar

Labs, Leadership, and Teams: Project Based Management

Leading a lab group or being a member within one requires coordination and communication to foster a productive and comfortable work environment. With the increase in interdisciplinary initiatives, it is important for all members of research teams develop effective collaborative skills - capabilities that can also give a leg up to those scientists on the job market. *Plantae Seminars fill up fast, and ASPB Members get first access to registration.*

[Register Now.](#)

Calling all U.S. Scholars: The Fulbright U.S. Scholar Competition for 2018-2019 Has Opened!

Opportunities are available for college and university faculty and administrators as well as for professionals, artists, journalists, scientists, lawyers, independent scholars, and many others. Grant Proposals are due **August 1, 2017** (for most awards). [Find the right opportunity for you.](#)

Plant Biology 2017 #plantbio17

June 24-28 in Honolulu

Plant Biology 2017 will bring together plant scientists from around the world to create a vibrant community that fosters collegiality and promotes cross-pollination of ideas. As part of Plant Biology 2017 you can also attend the International Molecular Moss Society's annual meeting from June 22-24. The conference program has myriad offerings. There are [plenary symposia](#) covering topics from entrepreneurship to "The Chemical Dictionary of Plants," and [workshops](#) that will help you build skills and enhance your career. Help spread the word! **Early-bird rates for this year's Plant Biology conference expire April 30, 2017.** [Register now.](#)

Attending Plant Biology 2017? [Join the Plant Biology 2017 group](#) on Plantae for the latest information and to connect with fellow attendees.

Attend the PSRN's discussion at PB2017

If you're attending Plant Biology 2017, the Plant Science Research Network (PSRN) invites you to attend A Discussion on the Future of Plant Science (Saturday, June 22, at 9:00 – 11:00 AM in Honolulu). [View all PB2017 workshop descriptions](#). The PSRN will discuss strategic planning efforts around the future of plant science research and training. Join the [PSRN group on Plantae](#) to learn more and connect with other members of the network.

ASPB UPDATES**Flora Unveiled Discount for ASPB Members**

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.

Plantae Seminar Series: Priority Registration Offered for ASPB Members

[The Plantae Seminar series](#) is extremely popular and registration for each fills up quickly. We are now offering priority registration to ASPB members. [Make sure your membership](#) is current so that you can take advantage!



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