



October 2017

Apply for a Travel Grant to Attend Plant Biology 2018

ASPB is offering a limited number of \$575 travel grants to attend Plant Biology 2018 in Montréal, Canada. Submit your application by **December 6, 2017**.

Apply for a Sharon Gray WYITA to Attend Plant Biology 2018

ASPB is offering seven \$1,000 Women's Young Investigator Travel Awards for Plant Biology 2018 in Montréal, Canada. Submit your application by **December 13, 2017**.

Apply for a Recognition Travel Award to Attend Plant Biology 2018

ASPB's Minority Affairs Committee is offering a limited number of Recognition Travel Awards for students, postdocs, and faculty. Applications are due **January 31, 2018**.

AWARDS

Welcome to Our 2017-2018 Class of Plantae Fellows

This year's Plantae Fellows include graduate students and professors, and they come from many countries and states, including Australia, Vietnam, and the U.S. [Learn more](#).

ASPB/AAAS 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**.

Plant Science Photo Caption Competition

IN THIS ISSUE

[Awards](#)

[Plant Cell & Plant Physiology](#)

[Research](#)

[Education & Outreach](#)

[ASPB Updates](#)



FEATURED JOBS

Assistant Professor of Plant Response to Abiotic Stress

*Pennsylvania State University
University Park, PA, USA*

Crop Scientist

*Bowery Farming Inc.
Kearny, NJ, USA*

Three Faculty Positions in Plant Resilience

*Michigan State University
East Lansing, MI, USA*

[Caption the photo](#) for a chance to win a \$50 gift card. Deadline: **October 31**.

Search/browse all jobs on jobs.plantae.org

Plant Cell & Plant Physiology

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

The Plant Cell: [De novo assembly of a new Solanum pennellii accession using nanopore sequencing](#)

Plant Physiology: [Nuclear transcriptomes at high resolution using retooled INTACT](#)

Library Access to The Plant Cell and Plant Physiology

Does your library subscribe? To ensure you and your colleagues have access to our journals, speak with your librarian today.

RESEARCH

What We're Reading

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

[What We're Reading: October 13](#)

[What We're Reading: October 6](#)

[What We're Reading: September 29](#)

[What We're Reading: September 22](#)

Taproot Podcast: First Season

Take a look back at the first season of the Taproot Podcast.

Plant Cell Extracts

Check out the new Medium publication "Plant Cell Extracts" which tells the stories behind the science published in *The Plant Cell*.

EDUCATION & OUTREACH

New Teaching Tool Phenomics of Root System Architecture: Measuring and Analyzing Root Phenes

This Teaching Tool discusses the relatively young field of root system architecture quantification. It introduces the concepts of phenes (like genes, but referring to the

ASPB Calendar

Western Section 2018 Meeting

February 3-4, 2018, at California State University, Fullerton

Phenome 2018

February 14-17, 2018, in Tucson, Arizona

Midwest Section 2018 Meeting

March 3-4, 2018, at Iowa State University

Southern Section 2018 Meeting

March 24-26, 2018, at Le Pavillon in New Orleans

Plant Biology 2018

July 14-18, 2018, in Montreal, Canada

View all upcoming ASPB deadlines and events

ASPB News



phenotype) and architectural concepts including morphology, geometry, and topology. It concludes by discussing the practical considerations linked to the root system architecture quantification (including growth and sampling methods) and different data analysis methods.

Needed: Plantae Seminar Suggestions

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

ASPB UPDATES

Incorporating Venus Flytraps into K-12 STEM Curriculum

A group of high school students at Princeton High School recently presented at the ASPB Mid-Atlantic conference under the auspices of the ASPB BLOOME Grant, headed by educator Mark Eastburn. They weigh in on their research and bringing STEM to the K-12 classroom.

D.C. Teachers' Night at the United States Botanic Garden: An Evening Filled with Plant-astic ASPB Outreach Activities

On September 22, ASPB participated in an evening of outreach at the United States Botanic Garden (USBG) in Washington, D.C., as an exhibitor at the annual D.C. Teachers' Night hosted by USBG and the District of Columbia Environmental Education Consortium. The evening featured dozens of exhibitors with hands-on activities, lesson plans, and resources for K-12 teachers

Phenome 2018

Registration is now open. See [program highlights](#).

International Plant Molecular Biology 2018

View program and speakers for the [International Plant Molecular Biology 2018 Congress](#). Registration will open in late October 2017.

READ THE LATEST ISSUE

Your ideas and input are needed on Plantae!

[Suggestions for Plantae Seminars](#)

[Experiment ideas for teaching?](#)

[Cryo-EM Chemistry Nobel Prize: Your thoughts? Plant examples?](#)

[Lecturing experience for postdocs?](#)



American Society of Plant Biologists

www.aspb.org | info@aspb.org

Copyright 2017 [ASPB](#)

This email was sent by **%%Member_Busname%%**
%%Member_Addr%%, %%Member_City%%, %%Member_State%% %%Member_PostalCode%%
%%Member_Country%%

[Update Profile](#)

You are receiving this email because you are a member of ASPB. If you do not wish to receive our newsletter emails in the future, please [unsubscribe](#) here.