Phytogen November 2016

ASPS award applications closing soon, new employment opportunities and events.

28 November 2016

Your ASPS membership is paid to [wpmlfield name="paidtodate"] (year, month, day).

Dear members,

Just to remind you that the deadline for Goldacre and Teaching Awards applications is 9 December 2016 and is fast approaching. The RN Robertson Travelling Fellowship application deadline is 20 January 2017.

We also have several new employment opportunities and FEBS 2017 congress has been added to our events page.

FEBS 2017

The 42nd FEBS Congress
Jerusalem, Israel, 10-14 September, 2017

https://2017.febscongress.org/

The FEBS Congress aims to provide an outstanding international forum in the European area for the face to face exchange of knowledge and ideas across the molecular life sciences. The core scientific programme comprises inspiring plenary lectures from distinguished researchers working in areas of high topical interest, and a range of themed symposia providing focused updates from leading experts in each field. The contribution of participants towards the scientific discussion at the event is encouraged by the opportunity to present work through extensive poster sessions, and submitted abstracts may also be considered for oral presentations.

The broad subject coverage of the Congress and its size provide an excellent setting for participants to gain valuable insight into progress in research areas beyond their own. In addition, a range of special sessions aim to engage participants on wider issues, such as teaching in the molecular life sciences, and science and society questions. A commercial exhibition provides additional interest.

The FEBS Congress has a strong emphasis on support, education and inspiration for the next generation of scientists, with a bursary scheme for early-career researchers, a satellite Young Scientists' Forum, and activities to encourage interaction with peers and experts.

Altogether the FEBS Congress aims to be an exemplary cross-discipline gathering in the molecular life sciences for research presentation, discussion, learning, inspiration and encouragement — with participants leaving with new research knowledge and ideas, and perhaps the beginnings of international collaborations and friendships.

For more information visit: https://2017.febscongress.org/

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Employment opportunities, new event, Plant Biology 2017 Travel Award and October GPC e-bulletin

21 November 2016

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There are several employment opportunities posted on our site available to view here.

The 2nd International Conference on Pharmaceutical Chemistry has been added to our events calendar.

Applications Open for Women's Young Investigator Travel Awards for Plant Biology 2017

Global Plant Council E-Bulletin October 2016

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E-Bulletin /
October 2016

Welcome to another issue of the Global Plant Council's e-Bulletin.

We were really excited to see our President Professor Bill Davies on the TV this month! was interviewed for the CNN news program 'EcoSolutions' and spoke about reducing water use in agriculture. Read more and watch the video here.

Are you looking for a new job or PhD position in plant science, or do you have a vacanc fill? We post relevant jobs or studentships to our Twitter and Facebook pages using the clickable, searchable hashtags #PlantSciJobs and #PlantSciPhD –and these posts are proving very popular indeed! Please use these hashtags if you're posting new opportunities; we're also happy to tweet/post these on your behalf – just let us know!

We are delighted to announce that Dr Deena Errampalli, President of Plant Canada, ha joined our Executive Board. Deena replaces Professor Carl Douglas who very sadly passed away earlier this year. Welcome to the team, Deena!

Latest News /
View more...

If you have news you would like us to share on our website, please contact lisa@globalplantcouncil.org

This month 63 new breaking news stories were posted on the GPC website including...

Sharon Gray Memorial Fund

Friends and colleagues of Dr Sharon Gray – a plant science postdoc from the University of California, Davis, who was tragically killed in Ethiopia earlier this month – have establishe memorial fund. The fund will be used to establish a fellowship in Dr Gray's honor.

In *New Phytologist*: Scientists Root for More Cassava Research to Help Meet Greater Dem for Food

A new review brings together research on the potential for improving cassava yields, such boosting the efficiency with which the plant captures sunlight and converts it into sugars.

In *Journal of Experimental Botany*: How To Build Beautiful Biochemical Factories

New research and an accompanying Insight article shed new light on the regulation of gla trichome development in plants.

In *Current Plant Biology*: Special Issue on Protein Networks

Our newest journal sponsors have a new special issue, which focuses on protein network particular, the centrality of proteins in the study of fundamental aspects of plant biology a plant interface with abiotic and biotic factors in the environment.

In *Nature Plants*: New Strategy to Accelerate Plant Breeding by Turbocharging Gene Banks
A new study led by an Iowa State University agronomist may help scientists sift through va
amounts of plant seeds stored in gene bank facilities across the globe to identify those us
plant breeders attempting to produce better varieties.

Events /
View more...

If you have a conference, meeting, workshop, training course or other event coming up, w
include it in our Events calendar! Please email lisa@globalplantcouncil.org

Cold Spring Harbor Asia Conference: Latest Advances in Plant Development & Environme
Responses
29 November–02 December 2016. Awaji, Japan.

4th International Plant Phenotyping Symposium
13–15 December 2016. El Batán, Mexico.

International Conference on Plant Synthetic Biology and Bioengineering
16–18 December 2016. Miami, Florida, USA.

Policy /

Lots of new reports, and an archive of useful documents from the last few years, are avail
on our website. Head to the Resources page and click 'Reports'.

US Senate Decides on the Ratification of the International Treaty on Plant Genetic Resour
Food and Agriculture
"The joining of the United States will represent a major milestone towards universal
membership of the Treaty," said Shakeel Bhatti, Plant Treaty Secretary.

Online Sales of Threatened Cacti Highlight Open Door for Illegal Trade
Threatened cacti are available on websites and shipped across countries without any lega

documents to certify their trade. A study published in *Nature Conservation* reports on this activity and discusses assessment methods and solutions.

Report Provides Options for Organic Soybean Growers

Despite soybean being one of the most widely grown crops in the US, few soybean farmer use organic practices. A new report details organic products and practices to combat pathogens and insect pests.

Funding Opportunities /

Spotted a funding opportunity we've missed? Please tell us about it by emailing lisa@globalplantcouncil.org

New Phytologist Tansley Medal

The *New Phytologist* Tansley Medal is awarded annually in recognition of an outstanding contribution to research in plant science by an individual in the early stages of their caree (including students and any researcher with up to five years' experience since gaining/def their PhD). The winner recives a prize of £2000 (GBP) and authors a short review, publishe in New Phytologist, accompanied by an Editorial.

The deadline for first-round submissions is **30th November 2016**.

Trellis Fund projects

Horticulture Innovation Lab has selected nine new Trellis Fund projects led by organizatio Ghana, Kenya, Uganda, Cambodia and Nepal. These six-month projects are each funded $2,000 grant, with work scheduled to begin in 2017. A US graduate student with related expertise will be matched to each project, to provide agricultural knowledge and support local goals.

Graduate students at UC Davis, North Carolina State University, the University of Florida a University of Hawai'i at Mānoa are now invited to apply to participate in these new Trellis F projects. The deadline for applications is **November 4th**.

On the blog /
View more...

Would you like to contribute an article to the GPC's blog? Please get in touch!
Email lisa@globalplantcouncil.org

How trees communicate via a Wood Wide Web
In this repost from *The Conversation*, Stuart Thompson discusses how plants communica

Farming Futures: integrating plant research and industry in the agri-food supply chain
Tim Williams, Business Manager of Farming Futures and Research Fund Development Ma
at Aberystwyth University, UK, tells us all about how Farming Futures links researchers wi
industry.

Members /



Click here for details of the GPC Member Societies and Affiliates and their representatives

Please contact Ruth Bastow (ruth@globalplantcouncil.org) to find out how your organizat
can join the Global Plant Council.

The GPC is a coalition of plant and crop science societies and affiliates from across the gl
The GPC seeks to bring plant scientists together to work synergistically toward solving the
pressing problems we face.

Please click here to make a donation via PayPal to help support the GPC.

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1a Bow Lane

London, EC4M 9EE

United Kingdom

Add us to your address book

Call for ASPS Teaching Award and RN Robertson Travelling Award applications

20 November 2016

Your membership is paid to [wpmlfield name=”paidtodate”] (year, month, day)

Hello ASPS Members,

Applications for the 2017 Teaching Award are now open. The deadline for applications is 9 December 2016. If you have demonstrated innovation and / or excellence in plant science teaching and learning, and/ or have made other novel contributions to these activities, please consider applying for this award. See full details at http://www.asps.org.au/awards/teaching-award. Completed applications should be sent to secretary@asps.org.au.

Applications for the 2017 RN Robertson Travelling Award are now being accepted. The closing date is 20 January 2017, with a decision by mid-February. See full details at http://www.asps.org.au/awards/robertson-fellowship. Completed applications should be sent to secretary@asps.org.au.

Best wishes,

Martha Ludwig

Assoc. Prof. Martha Ludwig

Deputy Head of School, Genetics Program Coordinator, Honorary Secretary of the Australian Society of Plant Scientists

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T+61 8 6488 3744 • E martha.ludwig@uwa.edu.au

Goldacre award – call for nominations, Science Meets Parliament and SAGE

15 November 2016

Your ASPS membership is paid to [wpmlfield name="paidtodate"] (year, month, day).

Hello ASPS members,

Can I draw your attention to three items.

1. Nominations for the Goldacre award for 2017 are being sought – closing date **Friday December 9, 2016**. This early career researcher award is for original research published in 2013-2016 and the candidate must have 10 years or less full time equivalent academic employment since gaining their PhD. Full details are here http://www.asps.org.au/awards/peter-goldacre-award Nominations should be sent to secretary@asps.org.au

2. Science Meets Parliament 21-22 March 2017. If you are interested in attending this event (we have two places available an ASPS covers your expenses), please email secretary@asps.org.au

3. Science in Australia Gender Equity **SAGE.** I would like to establish a subcommittee to progress this issue and seek expressions of interest from those who feel strongly. Please email president@asps.org.au

I have posted my president's report delivered at Combio, but would like to draw your attention to two points.

Mentoring

I would like to encourage everyone to consider ways in which they can mentor others. As an example, I was asked if the society could help junior academics in the art of reviewing. Many journals allow reviewers to co-opt others to help and we should all make an effort to take this opportunity to share our experience with younger inexperienced colleagues.

ARC grant reviewing

Many of us depend on financial support from the ARC to enable our research. We also review proposals. It is easy to be more critical of research close to one's own area of expertise, but we should remember that the consequence may be that funds simply flow to other fields of research. I would urge everyone to strive to be positive in their criticism and support your fellow plant scientists where possible. Now that this year's results have been announced, it has been brought to my attention that Plant Biology has had a very low success rate in the last two years and I will be contacting the ARC to find out why this is.

Sincerely

John Evans

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President, Australian Society of Plant Scientists

http://www.asps.org.au/

ARC Centre of Excellence for Translational Photosynthesis

http://photosynthesis.org.au/about/

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