

AAS Committee on the Status of Women
Issue of October 11, 2019

eds: JoEllen McBride, Nicolle Zellner, Heather Flewelling, Maria Patterson, and
Alessandra Aloisi

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1. Crosspost: Women in Planetary Science, Summary from the Planetary Allyship Meeting 2019
From: JoEllen McBride via womeninastronomy.blogspot.com

The Women in Planetary Science blog this week featured a summary of the Planetary Allyship Meeting held at the Division for Planetary Sciences (DPS) conference in September. The Planetary Allyship Meeting is an informal group that has met since 2015 to "discuss issues of equity, diversity, and inclusion among those who have privilege to support folks who have less." At the fourth annual DPS they discussed "several issues that span the Atlantic, affecting both our American and European colleagues, and issues that seem unique to each side of the divide."

Read more at

<http://womeninastronomy.blogspot.com/2019/10/crosspost-women-in-planetary-science.html>

2. Apology from the Blogger-in-Chief
From: JoEllen McBride via womeninastronomy.blogspot.com

"A blog post was approved for Mental Health Awareness Day yesterday that readers noted had problematic language which appeared to shame people with certain medical conditions. The Blogger-in-Chief, JoEllen McBride, issued this apology and removed the post as soon as the concerns were noted. We thank the community for expressing their concerns and keeping this space safe and supportive for all."

Read more at

<http://womeninastronomy.blogspot.com/2019/10/apology-from-blogger-in-chief.html>

3. 'More women are being nominated': Nobel academy head discusses diversity
From: JoEllen McBride [joellen.mcbride_at_gmail.com]

By Elizabeth Gibney

"The academy acknowledged last year that women and scientists from some ethnic groups are under-represented among Nobel laureates. Wins in 2018 for [Donna Strickland](#) in physics and [Frances Arnold](#) in chemistry were welcomed, but did little to move the needle (see 'Nobel imbalance').

"The organization introduced measures that it hoped would tackle the issue by encouraging scientists to put forward a more diverse range of nominees."

Nature spoke to the academy's secretary-general, biomedical scientist Góran Hansson, to see what impact the measures have had."

Read more at

<https://www.nature.com/articles/d41586-019-02988-5>

4. The 1st All-Female Spacewalk Is Back on As NASA Gears Up for 10-EVA Marathon
From: JoEllen McBride [joellen.mcbride_at_gmail.com]

By Hanneke Weitering

"NASA is gearing up for a marathon of spacewalks, and one of them could be the first spacewalk to be conducted entirely by women.

"The two women currently at the International Space Station, NASA astronauts Christina Koch and Jessica Meir, are scheduled to take a spacewalk together on Oct. 21. It will be the fourth in a series of 10 spacewalks scheduled to take place during the next three months, and it will be the first time that two women do a spacewalk together."

Read more at

<https://www.space.com/expedition-61-first-all-women-spacewalk.html>

5. Suggest new names for next generation Source Extractor
From: Heather Flewelling [heather_at_ifa.hawaii.edu]

Source Extractor (SExtractor) is commonly used astronomical software that optimally detects, deblends, measures and classifies sources from astronomical images.

E. Bertin is asking for suggestions for a new name for the second generation of Source Extractor. The first generation is commonly known as 'sextractor', and so far what I see on GitHub is the next generation is called 'sextractorxx'. Please send him your suggestions for a better name.

Read more at

The original paper describing Source Extractor:
<http://adsabs.harvard.edu/abs/1996A&26AS..117..393B>

Suggest new names: <https://github.com/astrorama/sextractorxx/issues/137>

6. 'Graduate school is not designed for us': For parents in graduate programs, traditional academia and gendered expectations clash
From: Heather Flewelling [heather_at_ifa.hawaii.edu]

By Emma Baker

"In one of her first meetings as a Ph.D. candidate, a professor asked Carolyn Barnes if she was married. Was she married to a man? Was she planning on having children while completing her doctorate?

"I evaded answering," Barnes, now in her final year, said. "And then the professor said, 'Well, we won't kick you out or anything, but we highly discourage anything that would hamper your progress to do your degree.'"

'Following the birth of her first child, Barnes ended up putting her Ph.D. on

hold for a semester to stay home. The legacy of her choice is an unexplained leave of absence on her permanent record.'

Read more at

<https://www.studlife.com/news/2019/10/06/graduate-school-is-not-designed-for-us-for-parents-in-graduate-programs-traditional-academia-and-gendered-expectations-clash/>

7. Ada Lovelace, Pioneer

From: Heather Flewelling [heather_at_ifa.hawaii.edu]

By Ashley P. Taylor

"On the second Tuesday of October, scientists, feminists, and computer enthusiasts across the globe celebrate [Ada Lovelace Day](#), an international fête created in 2009 by Suw Charman-Anderson to recognize women in STEM fields (science, technology, engineering, and math). So who was Ada Lovelace, and why is she the STEM poster-woman?"

Read more at

<https://daily.jstor.org/ada-lovelace-pioneer/>

8. Too Emotional to Go to Space -- 'Lucy in the Sky' Reinforces Negative Stereotypes (Op-Ed)

From: JoEllen McBride [joellen.mcbride_at_gmail.com]

By Chelsea Gohd

"'Lucy in the Sky', which was released on Friday, Oct. 4, had an opportunity to tell the story of a woman astronaut going through the psychological challenges that can affect those who've gone to space and been changed by the experience.

"Unfortunately, in my opinion, while the film was a fun watch, 'Lucy' missed the mark. To me, the film highlighted stereotypes about women, especially women in science, technology, engineering and mathematics (STEM), and in the space sector, when it could have pushed against them."

Read more at

<https://www.space.com/lucy-in-the-sky-negative-gender-stereotypes.html>

9. 30 women in robotics you need to know about -- 2019

From: JoEllen McBride [joellen.mcbride_at_gmail.com]

By Andra Keay, Hallie Siegel, and Sabine Hauert

'From Mexican immigrant to MIT, from Girl Power in Latin America to robotics entrepreneurs in Africa and India, the 2019 annual "women in robotics you need to know about" list is here! We've featured 150 women so far, from 2013 to 2018, and this time we're not stopping at 25. We're featuring 30 inspiring #womeninrobotics because robotics is growing and there are many new stories to be told.'

Read more at

<https://robohub.org/30-women-in-robotics-you-need-to-know-about-2019/>

10. Nobel Prize in Physics awarded to scientists, some rally behind one who never got one

From: JoEllen McBride [joellen.mcbride_at_gmail.com]

By Shannon Connellan

"The Nobel organization noted that Peebles' findings "showed us a universe in which just five percent of its content is known, the matter which constitutes stars, planets, trees -- and us. The rest, 95 percent, is unknown dark matter

and
dark energy. This is a mystery and a challenge to modern physics."

Some have pointed out another scientist, astrophysicist Vera Rubin, who [proved the existence of this dark matter](#) years ago by uncovering a phenomenon known as the galaxy rotation problem. But she didn't receive a Nobel Prize before she died in 2016 at the age of 88."

Read more at

<https://mashable.com/article/nobel-prize-physics-2019/>

11. How to be your most authentic self
From: Alessandra Aloisi [aloini_at_stsci.edu]

By Trisha Rice

"It's hard to comprehend that, in 2019, men continue to greatly outnumber women in science and business, especially in leadership positions. However, change is happening and I have a personal mission to support women on their journey."

Read more at

<https://www.theladders.com/career-advice/be-your-most-authentic-self>

12. NIH marquee awards for 'high risk, high reward' projects skew male--again
From: Alessandra Aloisi [aloini_at_stsci.edu]

By Meredith Wadman

"The U.S. National Institutes of Health (NIH) on 1 October announced the winners of an annual crop of prestigious "high risk, high reward" (HRHR) awards. The plum awards provide generous, multiyear funding to a select group of scientists -- 101 this year -- doing outside-the-box research that might not survive standard peer review. But in past years, the awards have been scrutinized because of the paucity of women among awardees."

Read more at

<https://www.sciencemag.org/news/2019/10/nih-marquee-awards-high-risk-high-reward-projects-skew-male-again>

13. Staying Power: a convening about postdoctoral women
From: Nancy Morrison [nancyastrol26_at_gmail.com] and JoEllen McBride [joellen.mcbride_at_gmail.com]

When: Wednesday, November 6, 2019, 1:00 p.m.- 4:00 p.m. Reception to follow.

Where: The National Academies of Sciences, Engineering, and Medicine, Keck Center, 500 5thStreet NW, E Street Conference Room

What: In collaboration with L'Oréal USA, the National Academies of Sciences, Engineering, and Medicine will host a gathering focused on effective practices for supporting postdoctoral women in STEM ... participants will hear a presentation of new research findings, commissioned by L'Oréal USA and the Heising-Simons Foundation, and carried out by RTI International, that explore the experiences of a cohort of researchers who were recipients of the L'Oréal USA For Women in Science (FWIS) fellowship during their postdoctoral years.

Learn more and RSVP (by November 4, 2019) at:

<https://nationalacademies.us4.list-manage.com/track/click?u=5dc4a6f3f17fd11adf3be4912&id=53eb6edad9&e=b7b7650ba6>

14. STEM Student Success: Promising Approaches from Minority Serving Institutions
From: JoEllen McBride [joellen.mcbride_at_gmail.com]

When: Monday, November 4, 2019, 9:00am – 3:00pm EDT

Where: National Academy of Sciences Building | Room 120, 2101 Constitution Ave NW, Washington, DC 20418

What: Twenty first century advances require the United States to expand and diversify its science, technology, engineering, and mathematics (STEM)-capable workforce. The nation's Minority-Serving Institutions (MSIs)--institutions with an established and intentional focus to educate and train students of color--are uniquely poised to serve as a large national resource for developing the next generation of STEM talent.

Read more at

https://www.eventbrite.com/e/stem-student-success-promising-approaches-from-minority-serving-institutions-registration-75689747071?utm_source=CWSEM+List&utm_campaign=1d69a6a4d0-EMAIL_CAMPAIGN_2019_10_09_07_19_COPY_01&utm_medium=email&utm_term=0_9f27a045ed-1d69a6a4d0-129161885

15. The Science of Effective Mentorship in STEMM

From: JoEllen McBride [joellen.mcbride_at_gmail.com]

When: Wed, October 30, 2019, 1:00 PM – 3:00 PM EDT

Where: The National Academies of Sciences, Engineering, and Medicine Room 201, 500 5th St NW, Washington, DC 20001

What: Please join us for the release of the new National Academies report, The Science of Effective Mentorship in STEMM, which systematically compiles and analyzes current research on the characteristics, competencies, and behaviors of effective mentors and mentees in STEMM. In addition to the comprehensive report, the committee will debut a practical resource guide for mentoring practitioners to create and support viable, sustainable mentoring support systems.

Read more at

https://www.eventbrite.com/e/the-science-of-effective-mentorship-in-stemm-public-release-registration-75935056799?utm_source=CWSEM+List&utm_campaign=5bfa5bac17-EMAIL_CAMPAIGN_2019_10_09_07_19&utm_medium=email&utm_term=0_9f27a045ed-5bfa5bac17-129161885

16. Applications for the US Delegation to the 7th International Conference on Women in Physics

From: Beth Cunningham [bcunningham_at_aapt.org]

The application process is now open for the U.S. Delegation team to the 7th IUPAP International Conference on Women in Physics. The 7th IUPAP Conference on Women in Physics will be held July 13 - 17, 2020 in Melbourne, Australia. The US will be sending a small delegation to the conference. Applications to become a member of the US Delegation are due by October 18, 2019. To apply to be part of the US delegation, go to the U.S. Delegation website.

Read more at

<http://uswip.org/>

17. Job Opportunities

For those interested in increasing excellence and diversity in their organizations, a list of resources and advice is here:

<https://cswa.aas.org/diversity.html#howtoincrease>

-Joint Faculty and Associate Research Scientist Position in Theoretical Cosmology and Astroparticle Physics, NYU and CCA

<https://cosmo.nyu.edu/index.php/opportunities/#Fac>

-Tenure-track faculty position at San José State

<https://apply.interfolio.com/69588>

-Tenure-track faculty position in observational, data-intensive, or survey

astronomy at Michigan State University

<http://careers.msu.edu/cw/en-us/job/502519/assistantassociatefull-professor-tenure-system>

-Department Head, Department of Physics & Astronomy, University of North Georgia

https://ung.hiretouch.com/job-details?jobID=33516&job=department-head-department-of-physics-astronomy&fbclid=IwAR2zX4NENA4t1P7cf9yucedfKFxm8kgc7kE8CY9rK0dtet9nBVPdL9m_s

-Instructor, APS-Astro&Planet Sciences, Boulder, Colorado

<https://jobs.colorado.edu/jobs/SearchJobs/21523>

-Staff Technologist, Jet Propulsion Laboratory

<https://jobregister.aas.org/ad/face60b8>

-Margaret Burbidge Visiting Professorship, University of California at San Diego

<https://jobs.physicstoday.org/jobs/12906230/margaret-burbidge-visiting-professorship>

-Assistant Professor of Extragalactic Astronomy, Georgia State University

<https://jobregister.aas.org/ad/2clf5a24>

18. How to Submit to the AASWOMEN newsletter

To submit an item to the AASWOMEN newsletter, including replies to topics, send email to aaswomen_at_lists.aas.org

All material will be posted unless you tell us otherwise, including your email address.

When submitting a job posting for inclusion in the newsletter, please include a one-line description and a link to the full job posting.

Please remember to replace "_at_" in the e-mail address above.

19. How to Subscribe or Unsubscribe to the AASWOMEN newsletter

Join AAS Women List by email:

Send an email to aaswomen_at_lists.aas.org. A list moderator will add your email to the list. They will reply to your message to confirm that they have added you.

Join AAS Women List through the online portal:

Go to <https://lists.aas.org/postorius/lists/aaswlist.lists.aas.org> and enter the email address you wish to subscribe in the 'Your email address' field. You will receive an email from 'aaswlist-confirm' that you must reply to. There may be a delay between entering your email and receiving the confirmation message. Check your Spam or Junk mail folders for the message if you have not received it after 2 hours.

To unsubscribe from AAS Women by email:

Send an email to aaswlist-leave_at_lists.aas.org from the email address you wish to remove from the list. You will receive an email from 'aaswlist-confirm' that you must reply to which will complete the unsubscribe.

Leave AAS Women or change your membership settings through the online portal:

Go to <https://lists.aas.org/accounts/signup> to create an account with the online portal. After confirming your account you can see the lists you are subscribed to and update your settings.

20. Access to Past Issues

<https://cswa.aas.org/AASWOMEN.html>

Each annual summary includes an index of topics covered.

AASWomen Newsletter mailing list -- aaswlist@lists.aas.org

To unsubscribe send an email to aaswlist-leave@lists.aas.org