

p.a.m Bulletin

V46(1) August 2018

News for the Physics-Astronomy-Math Division of SLA

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Message from the Chair

Laura Palumbo

It was great seeing so many of you at the conference, and I hope your time in Baltimore was enjoyable and productive. We can't say it enough — we couldn't have such a great conference experience without our sponsors. Thank you again to all of our sponsors for making our PAM sessions and travel awards possible: AAAS, ACM, AIP Publishing, AMS, Annual Reviews, APS, Cambridge University Press, EDP Sciences, Elsevier, IOP Publishing, OSA, SIAM, SPIE Digital Library, and World Scientific Press. And we would be remiss without a special thank you to Sharice and Kathy from IOP for all of the work that went into the PAM Suite and for making our stay there so much fun. A big thank you is also due to Jeffra Bussmann and Margaret Lam for their outstanding work as Fundraising co-Chairs — they successfully obtained sponsorship for all of our sessions.

Thank you to our conference session moderators, who worked so hard to put together and run our very informative sessions. Thank you to Sara Tompson and Therese Triumph for the Physics Roundtable; Donna Thompson and Kelly Durkin Ruth for the Astronomy Roundtable; Jenny Hart and Carol Hutchins for the Math Roundtable; and Andy Shimp and Zary Kamarei for the Publisher Relations session. Thank you also to the Hospitality committee, Matt Wascavage, Kelly Durkin Ruth, and Katie Harding for organizing our First Night Dinner and PAM Tour. Thanks also to Beth Brown, for organizing our first "official" Last Night Dinner.

As we finish up the year we will be busy updating

Editor: [Kayleigh Bohémier](#)

Assistant Editor: [Emily L. Poworoznek](#)

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our PAM Practices Manual and PAM Governing Document to be in compliance with SLA's revised Recommended Practices for Units. Thank you to Beth Brown for working on this, and to Ruth Kneale for her guidance. More information on this will be shared via PAMnet as we get these documents into shape. And thank you again to those who've volunteered to serve on PAM committees- we couldn't do what we do without all of you!

Conference Planning Update for SLA 2019

John Kromer, Chair Elect

Conference planning is getting underway for 2019, and I hope to see you all in Cleveland! While the official call for session proposals has not gone out yet, it's never too soon to be thinking about what you want to see at next year's conference. We will as always plan to have the Physics, Astronomy, and Math Roundtables and the Vendor Update, but please send any other ideas you may have to me. It could just be an idea about a session that you'd like to see, but if you have specific speakers or topics in mind, those are helpful as well. I'm happy to help flesh out whatever ideas you have so that we can make a strong session proposal.

There is an important day change to note for next year's conference: it will be held Friday through Tuesday, June 14-18, 2019. Friday and Saturday, June 14 and 15, will be reserved for continuing education courses. SLA business meetings will be held on Saturday, June 15, and the PAM First Night Dinner will also be on June 15. General sessions and the INFO-EXPO will be open Sunday, June 16, through Tuesday, June 18, and the PAM Last Night Dinner will be on Tuesday the 18th as well. Finally, the PAM Tour will be on Wednesday, June 19. Make sure to adjust your plans accordingly!

Lastly, if you are interested in attending SLA Leadership Symposium (and I do recommend it based on last year's Symposium!), it will be held January 20-22, 2019, in New Orleans.

I will keep you updated via PAMnet as anything develops, but until then, start sending in those session proposals. See you in Cleveland!

PAM Division Annual Business Meeting Minutes

Sheila Bryant, Secretary

Physics-Astronomy-Mathematics Division of the
Special Libraries Association

Wednesday, June 13, 2018, 7:00am EST, Room 328
-329 – Baltimore Convention Center

Co-Sponsored by: the American Physical Society
(APS) and Society for Industrial and Applied
Mathematics (SIAM)

1. Welcome and Introductions – Laura Palumbo

Special Thank You to APS and SIAM for their
sponsorship.

2. Secretary report – Sheila Bryant

Approval of the 2017 PAM Annual Business
Meeting Minutes. The minutes are available in
the May issues of the PAM Bulletin.

Gave a summary of the May 30, 2018 Advisory
Board Meeting.

3. Treasurer's report – Anya Bartelmann

Listed and thanked the 14 sponsors who
supported PAM during the 2018 conference:
AAAS, ACM, AIP Publishing, AMS, Annual
Reviews, APS, Cambridge University Press,
EDP Sciences, Elsevier, IOP Publishing, OSA,
SIAM, SPIE Digital Library, and World
Scientific Press.

The PAM checking account balance is
\$31,446.95 as of June 13.

Award winners should see Anya for their Travel
Stipend checks.

4. Past-chair report – Elizabeth Brown

Busy this past year reviewing activity assignments, committee assignments and updating the practices manual.

Reminded everyone of the PAM last night dinner at Amicci's Restaurant, located at 231 S. High St. Elsevier is sponsoring drinks and appetizers. Please bring cash if you'd like to order an entrée.

Thank you to everyone for all of their service this past year.

5. Chair-elect report – John Kromer

Good to see everyone at the First Night Dinner, especially the first time attendees.

He is the 2019 Conference Planner. The conference will take place in Cleveland, OH. June 14-18.

The SLA Leadership Symposium will once again take place in New Orleans in January 2019. The exact dates have not been set. There were six PAM attendees at the 2018 Symposium.

If anyone has and ideas for sessions, let John know. The deadline for session submissions will be in October, there will probably be an August deadline also. As in past years' PAM will have three roundtables and the Vendor update. Contact John with ideas for educational sessions.

Will be recruiting volunteers for committee positions. Those interested please contact John. It is a great opportunity for those early in their career.

6. Chair report – Laura Palumbo

Want to acknowledge and thank Cambridge University Press as sponsors, EDP Sciences for implementing a new International Travel Stipend, and APS & SIAM for sponsoring the business meeting breakfast.

7. SLA News

There are approximately 1700 attendees at SLA 2018. There were approximately 1500 in Phoenix.

The 1700 does include attendees for the Pharmaceutical & Health Technology Division Annual meeting.

There are 132 exhibitors, same as last year.

SLA membership is 4,202 in April, down from 5,345 in 2017. There are 114 PAM members.

Good news: 81 PAM members registered for the conference, which is 71% of our membership.

PAM is continuing to choose Option 1. We have our own fundraising committee and our vendors choose to work closely with our division.

Websites, including SLA's and many units', were hacked earlier this year. This problem has been rectified. Next year, the association will have a new web platform, the same system used for Connect, from the company Higher Logic. Currently PAM pays \$50.00 a month for our website — that price may increase with the move to the new platform.

SLA has updated its recommended practices for units. There were changes made to methods of voting, and the number of people needed for a quorum. Will keep you updated on changes as they occur. We will need to amend our Governing Documents to be in accordance.

8. Awards

PAM is very fortunate to have stellar members acknowledged this year as award recipients:

2018 SLA Fellow – Beth Brown

2018 Rising Stars – Heidi Tebbe and Anya Bartelmann

Thank you to the conference session planners, moderators, speakers, e-board, and the advisory board. When vacancies occurred people stepped into the roles. Everyone contributed so much to PAM. "It truly takes a PAMily."

Thank you again to all of our sponsors.

9. Other Business

PAM Awards – Marsha Bishop

Division Award Winners

Want to thank the awards committee – Sharice

Collins, Mea Warren, and Jeff Bond, and special thanks to last year's chair Brian Quigley.

2018 Achievement Award – **Thurston Miller** – University of Notre Dame

2018 Division Award – **Alberto Accomazzi** – Astrophysics Data System (ADS)
- Alberto recognized Donna Thompson who is also an ADS staff person.

2018 Louise Leckner Memorial Travel Stipend Awards, Sponsored by IOP Publishing – Kayleigh Bohémier

Thank you to IOP Publishing for their continued support of librarians at the SLA conference and their commitment to the professional development of new science librarians.

2018 Travel Stipend is awarded to **Kristy Borda** – Science Librarian from the College of William and Mary

New International Librarian Travel Award – Sponsored by EDP Sciences.

Two librarians are chosen, one from a European country and one from a non-European country. This year's recipients are:

Dr. **Sian Prosser** – Librarian & Archivist at the Royal Astronomical Society in London, England.

Dr. **Debal Kar** – University Librarian, at Ambedkar University in New Delhi, India.

10. Announcements

Mandy Taha sends her regards. There is a FORCE11 Scholarly Communications Institute at UC San Diego July 30-August 3, 2018.

Mea Warren – STEM Librarian South Conference – July 19-20, 2018 at the University of Houston Libraries.

Danny Dotson – Great Lakes Science Boot Camp – July 25-27, 2018 at Purdue University.

Jeff Bond is the Conference Chair for the 2019 SLA Annual Conference in Cleveland, OH. If

you have any ideas for the conference please contact Jeff. “We want to make the conference the best it can be.”

Jenny Hart – Please let Jenny know if you are interested in being a mentor, mentee or part of the mentoring committee. Also looking for members to become part of the “Database of Experts”. Looking for experts in data management, outreach, administration as well as other subject areas.

Leslie from Project Euclid mentioned they are looking for more diversity on their advisory board. So if you know of any early career math faculty who might be interested please let them know.

Stella Ota – Stanford University – there is an Engineering Librarian position open.

Kayleigh Bohémier – Yale University – there are job postings for librarians in areas of Finance and in Environmental Studies.

Danny Dotson – Ohio State University – there is a position for a GIS Librarian.

Zary Kamarei – University of Rochester – there are two positions open, one in Physical Sciences and one in Mechanical Engineering.

John Kromer – Brown University – there is a position for an Entrepreneurial librarian.

The Asia and Oceania chapters will be co-sponsoring the 6th International Conference of Asian Special Libraries (ICoASL 2019) On “Libraries and Librarianship in Digital Plus Era”, February 14-16, 2019 at Ambedkar University in Delhi, India.

Donna Thompson – ADS has job postings for developers who are familiar with libraries.

Laura Palumbo - would again like to acknowledge and thank APS and SIAM for co-sponsoring our business meeting. She acknowledged all the other vendors present at the meeting.

The meeting adjourned at 8:06 am.

Respectfully submitted,

Sheila Bryant (PAM Secretary)

2018 Treasurer's Report

Anya Bartelmann, Treasurer

	12/31/17	6/1/18
ASSETS		
Cash & Bank Accounts		
PAM Division	\$20,486.92	\$31,287.00
SLA Pooled Fund	\$35,056.28	pending
TOTAL Cash & Bank Accounts	\$55,543.20	pending
<i>TOTAL ASSETS</i>	\$55,543.20	\$31,287.00

INFLOWS	Received	Pending	Total
Dues Allotment— 1/1/17 - 12/31/17	\$1,467.00		\$1,467.00
2018 Sponsorships	\$18,200.00		\$18,200.00
<i>TOTAL INFLOWS</i>	\$19,667.00	\$0.00	\$19,667.00

OUTFLOWS	Paid	Pending	Total
SLA 2018 – Award / Thank You Certificate Supplies	\$107.57		\$107.57
SLA 2017 – Louise Leckner Memorial Travel Stipends	\$2,000.00		\$2,000.00
SLA 2017 – IOPP PAM Suite	\$1,500.00	\$1,500.00	\$1,500.00
SLA 2017 – Conference Invoice from HQ – 10/27/17	\$6,083.00		\$6,083.00
SLA 2018 – Conference Travel Expenses–As of 6/1/2018	\$375.00		\$375.00
<i>TOTAL OUTFLOWS</i>	\$10,065.57	\$1,500.00	\$10,065.57

Astronomy Roundtable

**Donna Thompson and
Kelly Durkin Ruth**

This year's Astronomy Roundtable in Baltimore was themed "The Librarian's Guide to the Stars" and included featured speakers, group discussion and a lively Q&A session.

Our first presenter was Jenny Novacescu, the chief librarian at the Space Telescope Science Institute in Baltimore. She spoke about the history and current status of the [Unified Astronomy Thesaurus](#), an open, community-supported thesaurus which unifies existing astronomy and astrophysics terminology into a single source.

Next spoke Josh Peek, an associate astronomer and Data Science Mission Office project scientist at the Space Telescope Science Institute, as well as principal investigator of the Mikulski Institute for Space Archives (MAST). He presented on the [MAST DOI Initiative](#), a system for assigning and preserving DOIs for MAST Data cited in AAS journals.

Attendees were given a list of topics to discuss with their colleagues in small groups. The moderators then opened the conversation up to the full audience with participants asking questions to the presenters and to each other.

Donna Thompson, co-moderator and librarian at the Harvard-Smithsonian Center for Astrophysics, updated the audience on updates to the new Astrophysics Data System interface and the eventual retirement of ADS Classic.

Thanks to all who attended and participated in this year's Astronomy Roundtable. See you in Cleveland!

Physics Roundtable

**Therese Triumph, Sara
Tompson, and Social Media
Science Communicators**

The 2018 Physics Roundtable was entitled "Let's get the story straight: How to Communicate Science Effectively," and featured two scientists, and one science communicator speaking, and the participants trying their own hands at tweets or blog posts on the scientists talks.

- Dr. Joel Green, (@groog1), Project Scientist in the Office of Public Outreach at the Space Telescope Science Institute, deliberately made his brief talk on how stars form fairly technical, as he'd speak to other scientists, he said (though our savvy PAM members likely grasped much of it).

- Dr. Katie Mack, theoretical astrophysicist and Assistant Professor of Physics at North Carolina State University, (and well known as @astrokatie) spoke briefly and humorously on possible scenarios for the death of our universe.

- Natasha Metzler, Science Writer for the Carnegie Institution for Science, (@DCScienceFan), gave us tips for communicating scientific points to lay audiences.

All three speakers then roamed the room to help participants craft tweets or brief summaries on the talks. A number of the 60+ session participants willingly shared their writings with the whole group. PAM Bulletin Editor Kayleigh Bohémier set up a Google doc where any of the participants could post their writing, and quite a few did.

The doc is here:

<https://docs.google.com/document/d/1RLySxEKyvx5fS97W1CyX966KWVXO8tKiSR3fMFVioLY/edit> .

Some excerpt highlights follow. Several participants live-tweeted, too.

@cpikas:

- Fiery seeds of formation. At what point do planets form from a disk of dust around a star?!
- MoreQ: what triggers? Do all stars do this? More than once?
- [World] will end in fire, we know that... But what will happen with the universe? When [how] will it end
- Big crunch ? 🌀 Heat death? Big rip? Vacuum decay?

@meawarren

- Why I love being a science librarian- listening to @AstroKatie give us the ways that the universe may end (because the Earth is definitely ending in fire) @SLA_PAM #SLA2018
- Soo basically if the vacuum decay theory happens, everything will be destroyed completely... like to the point that nothing will exist, period. Got it. @AstroKatie @SLA_PAM #SLA2018
- Keys to success for communicating science from @DCScienceFan!!! Includes having catchy titles and no jargon! @SLA_PAM #SLA2018

Anonymous:

- There are four main theories that describe how the universe might end. Of those four, Heat Death is the most likely, in the far and distant future, but Vacuum Decay could happen at any moment.
- Big Crunch, Heat Death, Big Rip, Vacuum Decay.... all the ways the universe could end.

RT Co-Moderators Therese Triumph and Sara Tompson thank the speakers, the participants, PAM Chair Laura Palumbo, Space Science Telescope Institute librarian Jenny Novacescu for linking us to Joel and Natasha, and Kayleigh for the document. Apologies if we've forgotten any other thanks – many people helped us find speakers!

Math Roundtable

Jennifer Hart & Carol Hutchins

At the Roundtable this year, Norman Richert from Mathematical Reviews spoke about the changes being made to the mathematical subject classifications in Mathematical Reviews. Mathematical Reviews and ZBMath have launched a cooperative effort to revise the subject classification. They are soliciting opinions and presently welcome comments on the process: <https://msc2020.org/>.

We also had a plenary discussion that covered multiple topics of interest. We discussed outreach to our communities and what practices worked best, mathematics departments' relationship to data science on our campuses and how we handled new journal subscriptions when faced with budget constraints.

Call for Nominations for Chair-Elect & Secretary

PAM Nominations and Elections Committee

Hello PAM Members!

This is the official call for nominations for the next PAM Chair-Elect and Secretary.

If you know of a PAM member who would be a good candidate for either position, including yourself, please let us know! It is easy, email a member of the Nominations and Elections Committee privately – (see email addresses below) with your nominations. Please DO NOT SEND over PAMnet! For further explanation and details of the positions see the PAM Practices Manual <http://pam.sla.org/manual/> and the PAM Governing Document <http://pam.sla.org/about/governing-document/>

Please let us know if you have questions. Deadline

for nominations is August 30, 2018.

We are looking forward to hearing you soon!

PAM Nominations and Elections Committee:

- Nastasha Johnson, Chair
(nejohnson@purdue.edu)
- Kelly Durkin Ruth (durkinru@usna.edu)
- Therese Triumph (thtriumph@email.unc.edu)

Report of the Awards Presentation PAM Awards Committee

The PAM Awards Committee want to take this opportunity to recognize this year's SLA and PAM Award winners.

SLA Awards within the PAM Division:

- Elizabeth (Beth) Brown – Fellow of SLA
- Anya Bartelmann – Rising Star
- Heidi Tebbe – Rising Star

PAM Achievement Award:

The PAM Achievement Award is reserved for those recipients whose professional work is marked by distinction and dedication to librarianship in astronomy, mathematics and/or physics and who have made outstanding contributions to the Division. The Awards Committee is pleased to present this year's award to Thurston Miller.

Thurston joined SLA and PAM in 1993, and has been actively involved in PAM in a variety of capacities from the beginning. Starting in 1994, Thurston served three consecutive years as the PAM Bulletin Editor. Thurston served as PAM Hospitality Chair for the 1998 SLA Annual Conference in Indianapolis. In

2001, Thurston served as moderator for the PAM Physics Roundtable. From 1998-2000, Thurston served as the PAM vendor liaison between PAM and INSPEC. In 2002, Thurston served as Assistant Bulletin Editor. Starting in 2007, Thurston served as the PAM vendor liaison between PAM and Turpion.

Even with these many accomplishments, the Awards Committee wishes most of all to recognize Thurston for his long tenure as PAMnet Owner. Starting in 2005, and continuing until the handoff of PAMnet between the University of Notre Dame and the National Radio Astronomy Observatory in August 2016, Thurston's 11 year contribution is a strong display of dedication to physics, astronomy, and mathematics librarianship and to the PAM Division. PAMnet is an incredibly important resource for PAM and the entire field.

At his home institution at Notre Dame, Thurston is the Chemistry and Physics Librarian. Thurston has worked at Notre Dame for over 25 years. Faculty in the Department of Chemistry and Biochemistry and the Department of Physics describe him as a highly knowledgeable colleague who routinely goes well beyond the call of duty to collaborate with them on their research endeavors. In 2017, Thurston was honored with the Rev. Paul J. Foik Award, which is "given annually to a library faculty member who has contributed significantly to library service to the Notre Dame community or to the library profession through personal scholarship or involvement in professional associations." He was nominated for the Foik award by Notre Dame students in the chemistry seminar class that he teaches each year.

Thurston has achieved much during his time in PAM and with his home institution. His contributions have been consistently outstanding. Congratulations, Thurston!

PAM Division Award: The NASA Astrophysics Data System AKA ADS

While the germ of ADS began in 1988, it was not until early 1993 that ADS was openly available. By 1998, ADS had 1 Million Abstracts, with 7.2 Million in 2008, and 13 Million by 2017. At something north of 300,000 users a month, the small ADS staff has its

hands full loading new records, updating records and citations, and keeping its broad user base happy. How broad is the ADS user base? The disparate groups range from bibliographers (some of the WORST!) to scientists, with Publishers, Librarians, and Programmers keeping the mix varied and interesting.

This, however, only ‘ADS-up’ to the productivity of ADS — it does not address its usefulness and responsiveness to the physics and astronomy communities it supports with little fanfare and no advertising. How responsive is ADS? ADS is so responsive they have received flowers and cupcakes – more than once – from their users; how many of us can say that? They are an integral part of the astronomy community and work closely with the AAS, SIMBAD, arXiv, and InSpire, and work with at least 50 different publishers. ADS does all of this while also working with the community they serve by hosting workshops and unique conferences with bibliographers, publishers, and society organizations, hosting PhD students in information science, completing usability studies with library science classes, and hosting publishing and provider summits. Their most recent community outreach was a hacking session!

ADS is not only an outstanding provider of information but an integral and involved part of the physics and astronomy communities and those of us in these communities are richer – and spoiled – due their tireless efforts. ADS has earned, through hard work and attention to their user base, the PAM Division Award.

Just more proof of the vibrancy of the PAM Division. Congratulations, Elizabeth (Beth), Anya, Heidi, Thurston, and ADS!

The PAM Awards Committee 2018

- Mea Warren
- Sharice Collins
- Jeff Bond
- Marsha Bishop

A Glance at PAM Social Media Nicole Helregel

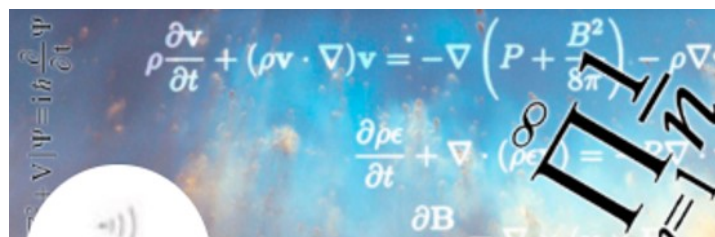
Looking for more ways to connect with PAM? In addition to PAMNet, you can connect with us via Facebook and Twitter!



SLA PAM
161 members

Facebook: <https://www.facebook.com/groups/2382038915/>

Twitter: https://twitter.com/SLA_PAM



SLA PAM Division
@SLA_PAM

Tweets	Following	Followers
316	80	272

You can use these places to connect with other members, catch up on SLA PAM events & adventures, and learn about physics/astronomy/mathematics-related news & updates. Recently both channels were overtaken by posts re: the SLA 2018 Conference in Baltimore – so if you weren’t able to attend, or you were but want to reconnect and catch up on missed sessions, head on over and check it out! Some of our most liked posts come from the

conference.

We want these environments to be places for connection, conversation, and education – so feel free to join, follow, and get involved! Anyone can join and post to the Facebook group and anyone can follow the Twitter account and post using relevant hashtags (e.g. #PAMily).

Note: if you come across a photo of yourself on either account that you would like to be removed, please contact the account administrator on Facebook or DM the account on Twitter and we will be happy to comply.

Membership Corner

Anya Bartelmann

Jeffra Diane Bussmann was awarded tenure status and also earned a promotion from Senior Assistant Librarian to Associate Librarian at California State University, East Bay.

Congratulations again to the SLA 2018 award winners—**Elisabeth (Beth) Brown** for being selected an **SLA Fellow** and **Anya Bartelmann** and **Heidi Tebbe** for earning the **Rising Star Award**.



From left to right, Barbara Kern, Jeff Bond, Anya Bartelmann, Dr. Carla Hayden, John Kromer, Beth Brown, Heidi Tebbe. Front, Kathleen Lehman

IOP Publishing