

HOM SIGMAA News

Volume IX, Number 2

September 2019

Greetings from the HOM SIGMAA Chair

Dates to Remember:

- January 15– 18, 2020, JMM in Denver, CO
- July 6-8, 2020, joint CSHPM & BSHM meeting at St. Andrews in Scotland

Inside this issue:

Updates	2
Found HoM	3
Student Contest Winner	4
JMM 2020	5
Scotland Conference	6
Calendar	7
<i>Convergence of offers Aids for Teaching and Research</i>	8
<i>HOM on Display - Resting Places in Paris</i>	11
HoM Small Grant information	13
Essay Contest Flyer	15

September breezes bring October colors...

Okay, not quite as snappy as “April showers bring May flowers.” I hope you all had a productive and rejuvenating summer. Guess what, I didn’t move! But I did spend a lot of time continuing to put in our yard and gardens. Building a house sounds fun, but you forget that a brand new house comes with nothing, no yard, no plantings, no toilet paper holders... And the extra cold winter did in several of my plantings, which then had to be replanted. But my walking stick tree made it. (Google it, they are very “Middle Earth” like.)



It was nice to see old and new faces at Math Fest, particularly at the three history of mathematics sessions. HOM SIGMAA helped out with the original reading event “Reading the Masters” spearheaded by Erik Tou and some of the Oresme folks by providing refreshments. As the MAA pivots away from the Joint Meetings, we will begin to grow our presence at Math Fest. For the time being we will still have events at the Joint Meetings while the MAA is still involved (2021 being the last one the MAA will participate in). But until more is known about how SIGMAAs will interact with the AMS in order to have events at JMM once the split is complete, I cannot say what our presence will then be. I hope that we will be able to be active at both, but financial considerations may mean that our annual meeting will take place at Math Fest.

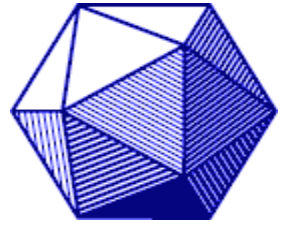
To follow up on another item from my previous chair’s letter, over the summer we contributed another \$1500 to the Archives of American Mathematics to support the processing of the Uta Merzbach papers. We continue to be a proud supporter of the archives and the work Carol Mead and her staff do there. Please consider using the archives for your next research project.

I love our conversations on our listserv, so keep posting those interesting history of math questions and tidbits.

Amy Shell-Gellasch
Chair, HOM SIGMAA

Updates

By Amy Shell-Gellasch



Coming Soon—MAA Connect: MAA Connect is a new member engagement and communication platform offered as a part of your MAA membership. As a SIGMAA officer and Section officer, I was able to log in early and I like what I see. MAA members and math enthusiasts can use it to discuss engaging topics that are important and relevant to the math community. Members are automatically enrolled in the Section and SIGMAA(s) groups tied to their membership on MAA Connect. Once MAA Connect is fully rolled out and functioning, our current listserv model will go away. Deveney (MAA Communities Coordinator) is working diligently at this and will continue to hold weekly virtual office hours to help individuals get acclimated once pilot testing is complete. I think this is a great platform and once we get accustomed to it, we will all comment about the “old school” listservs we once used. More information about accessing MAA Connect will be shared in the near future.

JMM 2022: As you know from two concerned threads on our listserv this past year, the MAA will no longer be involved officially with the JMM starting in 2022. Math Fest is now the official meeting of the MAA, and the HOM SIGMAA will start having a larger presence there, as we did this year. Given the comments on the listserv, we still plan to have events at JMM after the last “joint” meeting in 2021. (The JMM will still be the JMM since other organizations such as AWM and SIAM participate.) At Math Fest I attended the “town hall” meeting hosted by Michael Pearson, Executive Director of the MAA, and Catherine Roberts, Executive Director of the AMS. I sat right up in front and was one of two squeaky wheels (the other happened to be named Amy also.) Catherine had already stated that the AMS is committed to working with any group that wants to hold sessions at JMM and that there will be no room or AV charges! So I asked how we would go about paying for our reception starting in 2022. (Currently the money for the catering is just taken directly out of our MAA “account”. But once the MAA is no long officially involved, that avenue will not be available.) The response from the MAA to my question was baffling and caused a bit of an uproar in the audience. No need to go into details. After the meeting Rachel Levy, Deputy Executive Director of the MAA sat with me to try to clarify and assure me that they would work with us. After the meetings Christine Stevens, Associate Executive Director of the AMS reached out to me to assure me that the AMS is dedicated to doing everything they can to welcome us and all SIGs. So even though the logistics of paying for a reception at JMM starting in 2022 are not yet worked out, I am very confident that in the ensuing 2.5 years we will get it figured out.

HOM website: If you have visited our website in the last several years, you will have noticed that there is not nearly as much information and resources as it once had. We have been trying for a handful of years to transition our website over to the MAA so that when we change who our webmaster is, we don’t have to start from scratch with a new website each time (as was the case previously.) Unfortunately, the MAA’s server capabilities are still not up to the task and updating the website is a royal pain in the... So as the MAA moves into the future with MAA Connect, we have decided to move back to our older method of hosting our website externally. Andy Perry, our first Electronic Resources Coordinator, has agreed to return to that role. In the next few months, he will secure a new URL for us (<http://sigmaa.maa.org/hom/> with then link to our new site) and start work on a brand new website. In the meantime, our current website will remain largely out of date and we apologize for that. Once we are up and running I will reach out to you for material to include. Much of our official documents like our bylaws will also reside on MAA Connect. So if you see Andy, please give him your encouragement and thanks. It is a big job he has ahead of him and I for one am very thankful he is willing to take it on, again.

Prize Coordinator position: At the Joint Meetings this past January, we announced that we will be

Continued on next page →

Updates on the MAA Front (continued)

suspending the position of Prize Coordinator. When I handed the Student Paper Contest over to the HOM SIGMAA about 11 years ago, we decided to create the position of Prize Coordinator to run that as well as institute two expository writing prizes in the history of mathematics. After a series of setbacks, the exec decided to suspend that office until we determine the likelihood of creating those two new awards. Over the next year or two I will be (slowly) working on this. Once a decision is made we will let you all know. If anyone is interested and has the time and commitment to help launch these awards, please contact me directly at ashellge@emich.edu. In the meantime I will be running the Student Paper Contest (see flier at the end of this newsletter.)

Sincerely,

Amy Shell-Gellasch, Chair

Found Math History

The images of 19th century Indian wall paper printers, courtesy of Amy Shell-Gellasch.



Winner of the 2019 Student Writing Contest

First place in the 2019 HOM SIGMA Student Writing Contest goes to Amanda Nethington from the University of Missouri - Kansas City. Her paper was titled "Achieving Philosophical Perfection: Omar Khayyam's Successful Replacement of Euclid's Parallel Postulate."

Amanda was given membership to the MAA and HOM SIGMA.

Copies of winning papers are available on the HOM SIGMA website: <http://sigmaa.maa.org/hom/contests/student/>

You can also find the winning paper on Convergence: <https://www.maa.org/press/periodicals/convergence/hom-sigma-2019-student-paper-contest-winner>



Professor Richard Delaware, University of Missouri—Kansas City, was yet again the supervising instructor for the winning paper. If you have not read his article about how to train students to write wonderful papers, please do. It can be found on Convergence at <https://www.maa.org/node/1647874>

Congratulations to our winner Amanda Nethington, her faculty supervisor Richard Delaware, and all students who submitted for the contest.

Thank you to Amy Shell-Gellasch for running this year's contest and to the contest judges for your service!

The flyer for this academic year's contest can be found at the end of the newsletter.

Longtime HOM Student Writing Contest Judge Will Be Missed

Professor Pam Crawford of Jacksonville University passed away suddenly on March 17th, 2019. She was a very active member of the Florida section of the MAA. She helped with the judging of the HOM writing contest year after year and she will be missed. The Florida section has a short memorial to her you can read at

<http://sections.maa.org/florida/newsletter/pam.htm>



2020 JMM, Denver, CO, January 15 - 18

Schedule of History Events at JMM 2020

HOM SIGMAA Business Meeting, Reception & Guest Speaker

Wednesday, January 15 at 6:00-8:00 pm, DCC Room 505

Guest Speaker: *The Historical Representation of Women in Mathematics*, Professor June Barrow-Green, The Open University

Abstract: From medieval times to the modern day, women in mathematics have been represented in a myriad of ways, whether pictorially or by the written word. In my talk, I shall look at a variety of these representations from different periods and in different contexts, and I shall reflect on what they can tell us about women in mathematics and the attitudes prevailing at the time.

Organizer: Toke Lindegaard Knudsen, State University of New York at Oneonta, toke.knudsen@oneonta.edu

Contributed Paper Session: A History of Mathematics in the United States and Canada: A Session in Honor of Math Historian David Zitarelli

Friday 8-10:55, Room 504

Organizers: Amy Shell-Gellasch, Eastern Michigan University, ashellge@emich.edu
Colin McKinney, Wabash College, mckinnec@wabash.edu

Description: Just two months before the publication of his two-volume *A History of Mathematics in the United States and Canada*, historian of mathematics David Zitarelli passed away in his sleep. His four-decade career in mathematics and the history of mathematics added seminal work to the field, including seven text books! And his perpetually joyous demeanor made history of mathematics meetings filled with warmth and comradery. David's historical research focused on the history of mathematics in America, with a seminal work on the history of the EPaDel section of the MAA. This session honors the work and legacy of Dr. Zitarelli by presenting papers on the history of mathematics in American and Canada, to include educational practices, biographies, history of the MAA and its sections, and other related work.

Teaching Undergraduate Mathematics via Primary Source Projects

Wednesday, January 15, 9-10:20

Description: This workshop will introduce participants to a classroom-tested approach for bringing history into the mathematics classroom via guided reading projects based on original sources. Designed to actively engage students in doing mathematics as they read and work through the writing of noted mathematicians such as Euler, Cauchy, and Cantor, each "Primary Source Project" (PSP) focuses on a particular topic in the standard undergraduate mathematics curriculum. Workshop participants will begin to explore this approach to teaching and learning mathematics by placing themselves in the role of students as they work together in groups through portions of specific projects. Following this opportunity to grapple with original sources within a guided reading format, participants will discuss how to implement PSPs in the classroom. An overview of the pedagogical benefits of this particular method for using original sources with students will also be provided. Finally, participants will learn about a seven-institution collaborative NSF-funded effort that is designing, testing, and researching the impact of PSPs, including an overview of the existing collection of 50 PSPs and opportunities for instructors to receive ongoing implementation support by becoming a site-tester.

AMS-MAA Special Session on History of Mathematics I, II, and III

Friday January 17, 2020, 1:00 p.m.-6:00 p.m., Saturday January 18, 2020, 8:00 a.m.-12:00 p.m., and Saturday January 18, 2020, 1:00 p.m.-6:00 p.m.

Room 102, Colorado Convention Center

Organizers: Jemma Lorenat, Pitzer College jlorenat@pitzer.edu, Sloan Despeaux, Western Carolina University, Daniel Otero, Xavier University, Adrian Rice, Randolph-Macon College

People, Places, Practices

Joint BSHM - CSHPM/SCHPM Conference

University of St Andrews, Scotland

6th - 8th July 2020

People, Places, Practices, is the 5-yearly joint conference of the [British Society for the History of Mathematics](#) and [Canadian Society for History and Philosophy of Mathematics/La Société Canadienne d'Histoire et de Philosophie des Mathématiques](#), in collaboration with [HOM-SIGMAA](#), the History of Mathematics Special Interest Group of the MAA.

The conference is hosted by the [School of Mathematics and Statistics](#), St Andrews University, the home of the [MacTutor History of Mathematics Archive](#).

An **Education Strand** will run on 6-7 July. This will provide practical talks and workshops for those teaching the 15+ age group. The programme will be designed to minimise accommodation costs (0 or 1 night) and we are exploring ways of enabling remote participation.

The meeting will be co-located with the [Eleventh Conference on Mathematical Cultures and Practices \(MC&P-XI, 8-10th July 2020\)](#). The two events will overlap on the afternoon of 8th July.

Confirmed Speakers include:

- Karen Parshall (University of Virginia)
- Edmund Robertson (University of St Andrews)
- Colm Mulcahy (Spelman College)
- Brendan Larvor (University of Hertfordshire)
- Serafina Cuomo (University of Durham)
- Valeria Giardino (University of Lorraine)
- Robin Wilson (Open University)

The **Call for Papers** is open with final submission by 30 November 2019. Decisions on papers are expected to be determined by 15 January 2020.

Registration is now open. The registration fee includes a conference pack, teas & coffees on all three days, and buffet lunch on all three days. Early bird rates are available until 31 March 2020. HOM SIGMAA members receive a reduced rate.

The conference webpage can be found at

<http://www.mcs.st-andrews.ac.uk/bsh-m-cshpm/index.shtml>

Fall 2019 Meeting and Conference Calendar

Frederick V. Pohle Colloquium on the History of Mathematics

Oct. 2, Nov. 6, Adelphi University

Organized by Pat Allaire and Rob Bradley, Pohle colloquia meets four to six times per year at Adelphi University. At this point, two talks are scheduled for this fall. The first is on October 2, by Rob Bradley of Adelphi University. The second is on November 6, by Glen Van Brummelen of Quest University/Institute for Advanced Study. For more information, visit <http://www.pohlecolloquium.org>

ORESME Reading Group

October 4-5, Xavier University, Cincinnati, OH

The ORESME (Ohio River Early Sources in Mathematical Exposition) Reading Group meets twice a year in the Cincinnati, Ohio, area on a Friday evening and Saturday morning to read together a historically important mathematical text, amidst appropriately celebratory food and drink.

The members of ORESME were happy to support the Read the Masters event at the Cincinnati MathFest this past summer, at which more than 60 people participated in a common reading from Euler's *Introductio ad analysin infinitorum* (through Blanton's English translation *Introduction to the Analysis of the Infinite*) on the exponential and logarithmic functions. After thoroughly enjoying such a successful experience, ORESME will devote their 41st meeting to more of Euler's expository writing: we will read from his follow-up textbook *Institutiones Calculi Differentialis* (1755), again in Blanton's English translation, *Foundations of Differential Calculus* (Springer, 2000). We will meet on the weekend of October 4-5, 2019, at Xavier University in Cincinnati. For more particulars, please contact Danny Otero (otero@xavier.edu) or Dan Curtin (curtin@nku.edu).

The Canadian Society for History and Philosophy of Mathematics (CSHPM)

The 2020 Annual Meeting will be held in conjunction with the British Society for the History of Mathematics at the University of St Andrews in Scotland on July 6-8, 2020. The theme of the conference is "People,

Places, Practices." In addition, there will be an education strand on July 6-7 that will provide practical talks and workshops for those teaching students 15 years old or older.

The Call for Papers is now available. The deadline for abstract submissions is November 30, 2019.

Euler Society

For the latest newsletter of the Euler Society, check out <https://us17.campaign-archive.com/?u=4770bbac3a258cb9bd347ac13&id=9f22b873a9>.

Convergence Calendar

Visit <https://www.maa.org/press/periodicals/convergence/convergence-calendar> for a list of events and meetings around the world which relate to the History of Mathematics.

Save these dates for future MAA meetings!

Winter 2020	Denver, CO	Jan. 15-18
Summer 2020	Philadelphia, PA	July 29-Aug1
Winter 2021	Washington, DC	January 6-9
Summer 2021	Sacramento, CA	August 4-7
Winter 2022	Seattle, WA	January 5-8
Summer 2022	Washington, DC	August 3-6

Small grants for the history of mathematics classroom

We have granted our first small grant for classroom items! Erik Tou purchased two sets of beautiful wooden rectangular prism Napier's Bones for his course. The information for how to apply for a small grant to purchase items for your history of mathematics course can be found on our website.

MAA Convergence

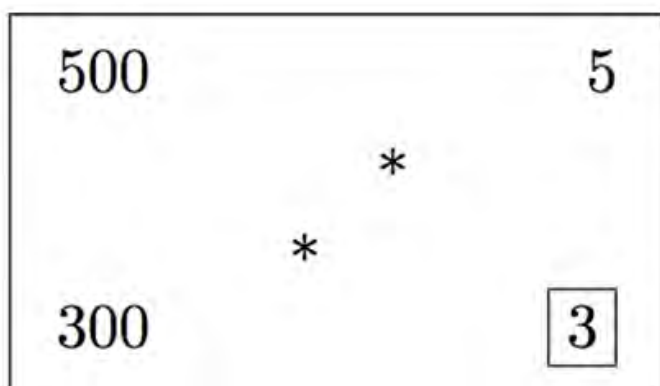
Offers Aids for Teaching and Research

Janet Barnett and Amy Ackerberg-Hastings

Editors, *MAA Convergence*

MAA Convergence is both an online journal on the history of mathematics and its use in teaching, and an ever-expanding collection of online resources to help its readers teach mathematics using its history. We highlight here some of our newest articles and features.

Just in time for planning writing projects with your history of mathematics students during the upcoming academic year, Richard Delaware—whose students have one of the longest and strongest records of winning papers in the HOM SIGMAA Student Paper Contest—offers “[More than just a Grade: The HOM-SIGMAA Student Contest Fosters Writing Excellence at UMKC](#),” which is full of advice on promoting excellent student research and writing about history of mathematics.



Left: An example of a diagram that students might explicate while writing a historical paper. From L. E. Sigler, trans., *Fibonacci's Liber Abaci: A Translation into Modern English of Leonardo Pisano's Book of Calculation*, Sources and Studies in the History of Mathematics and Physical Sciences (Springer: New York, 2002), pp. 462–463.

Robert E. Bradley and Salvatore J. Petrilli, Jr., have completed their latest translation from François-Joseph Servois' publications, his 1817 “[Memoir on Quadratures](#),” which contributed to a debate on numerical integration techniques among the mathematicians Christian Kramp (1760–1826), Joseph-Diez Gergonne (1771–1859), and Joseph-Balthazard Bérard (1763–1844?). The translators also guide readers through Servois' paper and suggest several student activities for a numerical analysis course.

Another recent article, “[Teaching Mathematics with Ephemera: John Playfair's Course Outline for Practical Mathematics](#),” by Amy Ackerberg-Hastings, helps instructors identify and analyze primary sources that were intended to be used for only a short period of time. Meanwhile, “[Using the Publimath Database to Bring History into our Teaching](#),” by Homeblin Languereau and Anne Michel-Pajus, provides instructions for navigating a French catalogue that collects citations and PDFs for research articles and projects on the use of history to teach mathematics.



Above: An example of ephemera—stamps honoring Fr. Angelo Secchi, who founded astronomical spectroscopy, and Maria Agnesi, female mathematician and textbook author, issued in 2018 by Vatican City. Image provided in 6 September 2018 [press release](#).

Convergence has offered its readers high-quality scholarship and classroom resources since 2004, thanks to the leadership of three well-known mathematics historians and educators, founding editors [Victor Katz](#) and [Frank Swetz](#) and their decade-long successor [Janet Beery](#). This spring, we celebrated the journal's “sweet sixteenth” year of online publication with profiles of its previous editors, a [brief history of *Convergence*](#), and Swetz's new essay on the justifications for using history to teach mathematics, [“Do We Teach Too Much Mathematics . . . ?”](#)



Above: Detail from Peter Apian, *Quadrans Apiani astronomicus* (1532), a historical illustration that can be used to stimulate student questions about mathematics.

Convergence also continues to feature several ongoing series and collections, including:

- “[Math Origins](#),” in which author Erik Tou traces the historical development of concepts seen in today's undergraduate curriculum. The most recent article, [The Logical Ideas](#), examines attempts made in the 17th and 18th centuries to systematically organize the theory of logic. In the next article in this series (to appear), Erik will continue this story by examining the multitude of *notational systems* that were proposed for logic in the 19th and 20th centuries.
- “[A Series of Mini-projects from TRansforming Instruction in Undergraduate Mathematics via Primary Historical Sources](#)” which currently offers ten mini-Primary Source Projects (PSPs) from the TRIUMPHS team for use in a variety of courses. The most recent PSPs to join the series are:
 - “[The Origin of the Prime Number Theorem: A Primary Source Project for Number Theory Students](#)” (by Dominic Klyve)
 - “[The Cantor Set Before Cantor: A Mini-Primary Source Project for Analysis and Topology Students](#)” (by Nicholas A. Scoville)
- Our new [index of all the translations](#) that have appeared in the journal, launched at the same time Servois' "Memoir on Quadratures" debuted, and accessible from the home page as well as from "[What's in Convergence?](#)" (in the list of “Collections for Classroom Use” at the bottom of the page).
- Our ever-growing “[Index to Mathematical Treasures](#),” which includes hundreds of images for use in your classroom from dozens of libraries and archives. Our chief “treasure hunter” is *Convergence* founding editor Frank Swetz.

See all of these articles and more at *MAA Convergence*:

<http://www.maa.org/press/periodicals/convergence>.

Interested in contributing? We'd love to hear from you! *Convergence* publishes expository articles on the history of topics in the grades 8–16 mathematics curriculum; translations of primary sources; classroom activities, projects, or modules for using history to teach mathematics; and classroom testimonials after applications of such activities, projects, or modules. Additionally, we welcome submissions related to the following *Convergence* features:

- “[Problems from Another Time](#),” highlighting historical problems.
- “[On This Day](#),” a listing of three or four historic mathematical events that happened on any given date.
- “Today's Quotation,” a quotation about mathematics from a historical figure selected from a [searchable database of quotations](#).
- “[Conference Calendar](#),” an up-to-date guide to conferences and events around the world that feature or include the history of mathematics and its use in teaching.

For more details, see our Guidelines for Authors at

<https://www.maa.org/press/periodicals/convergence/guidelines-for-convergence-authors>.

<http://www.maa.org/press/periodicals/convergence>

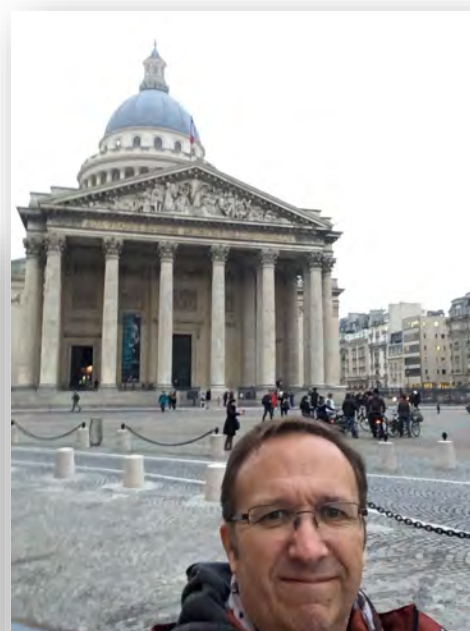
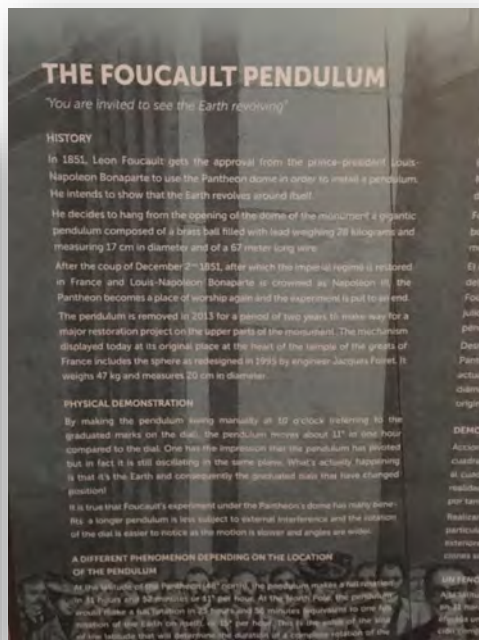
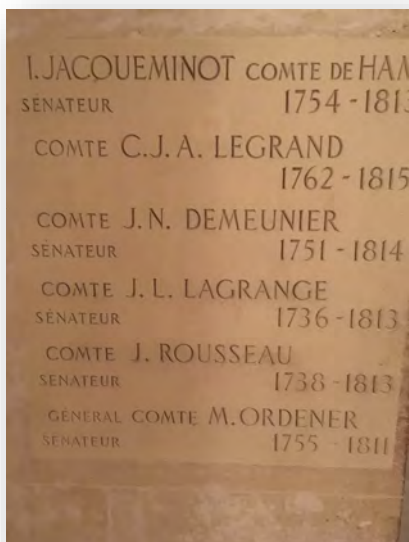
A feature of the HOM SIGMAA Newsletter is a review of a museum or library with an exhibit or collection related to the History of Mathematics. If you would like to submit an article for HOM on Display, please send it to Cynthia Huffman at cjhuffman@pittstate.edu. The HOM on Display for this issue is a look at some History of Math found in Paris.

RESTING PLACES IN PARIS

by Dr. Christopher Goff

University of the Pacific

In the fall of 2018, I was fortunate to be teaching in Europe for a semester, and so I traveled a lot while I was there. One weekend in November, I visited a colleague who was on her sabbatical in Paris. While sightseeing, I decided to see the Panthéon, where Lagrange and several other famous mathematicians and scientists (and others) are buried, and where Foucault placed one of his famous pendulums in 1851.

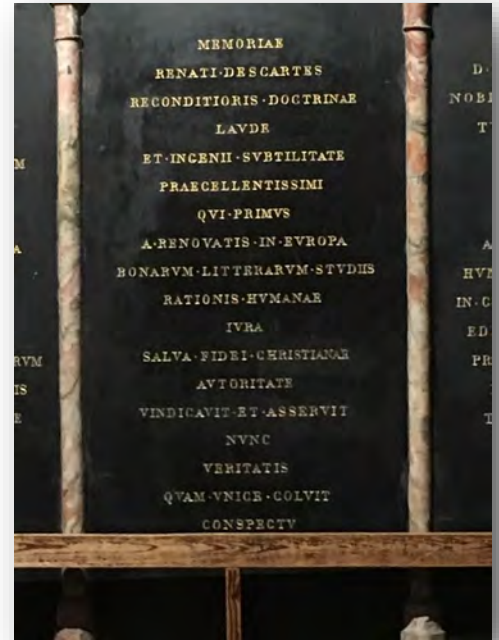


Later, we happened upon the abbey of Saint-Germain-des-Prés, and my colleague knew that Descartes was buried there. My last morning in Paris was crisp and clear, and since I was staying close to Père Lachaise cemetery, I decided to locate the graves of Fourier and Germain (as well as non-mathematicians Oscar Wilde and Edith Piaf). I was surprised by the large tree growing out of Sophie Germain's grave, and how close it was to Jim

Continued on next page →



Morrison’s grave, one of the most-visited sites in the cemetery. Though I’ve been to Paris many times before, this was my first trip to these three locations. Living and teaching in the U.S., I sometimes feel that math history is, well, foreign, and I think that my students also think of it as something that happened elsewhere, not here. To be able to occupy the same ground as these famous figures in mathematics history was a rare privilege for this American, one that I do not take for granted.



Thanks to Colin McKinney for his service to HOM SIGMAA as Electronic Resources Coordinator and welcome to Andy Perry, who has agreed to return to the HOM SIGMAA Executive board as our interim Electronic Resources Coordinator.

Congratulations to Adrian Rice! His paper *Partnership, Partition, and Proof: The Pathway to the Hardy-Ramanujan Partition Formula* (lead article in Jan 2018 Monthly) won the Paul Halmos-Lester Ford Award for outstanding expository papers published in The American Mathematical Monthly. The award was presented at MathFest.

2019 HOM SIGMAA Executive Committee

Chair: Amy Shell-Gellasch, Eastern Michigan University

Email: ashellge@emich.edu

Secretary/Treasurer: Cynthia Huffman, Pittsburg State University

Email: cjhuffman@pittstate.edu

Program Coordinator: Toke Knudsen, SUNY Oneonta

Email: toke.knudsen@oneonta.edu

Electronic Resources Coordinator: Andrew Perry, Springfield College

Email: aperry@springfieldcollege.edu

Prize Coordinator: Amy Shell-Gellasch, Eastern Michigan University

Email: ashellge@emich.edu

Past Chair: Daniel Otero, Xavier University

Email: otero@xavier.edu

HOM SIGMAA Small Grants

Guidelines and Procedures

Purpose: The HOM SIGMAA wants to aid its members in their quest to bring the joys of the history or mathematics to their students. These small monetary grants will allow HOM SIGMAA members to purchase items that will aid in learning the history of mathematics. For example, a classroom set of abacus or materials to make an historical model.

Guidelines

1. Recipients must be a current member of the HOM SIGMAA
2. The idea is to purchase items, materials to make a historical model, or materials that can be used year after year. (Not supplies that will be used up quickly.)
3. These materials may be used by an individual's colleagues, but belong to the HOM SIGMAA member and not their department.
4. Items or materials must clearly be for the instruction of a historical topic.
5. Grants will be for amounts up to \$100 and considered on a rolling basis (so apply early in the year.)
6. Approval of the grant is at the sole discretion of the HOM SIGMAA executive board.
7. Applications can be made at any time, but may take several weeks to be approved and paid out by the MAA. So plan ahead.
8. Receipts for purchased items is preferable. But if purchase depends on funding, receipts may be required after purchase.
9. Total annual grants dispersed will not exceed \$1000 per year and are subject to HOM SIGMAA funding needs.
10. Preference will always be given to first-time grantees. And the HOM SIGMAA has the right to deny any request if they feel a single member is requesting too often.

How to apply

Please send the application form (available on the HOM SIGMAA website) in Word or PDF to the Chair of the HOM SIGMAA via email.

HOM SIGMAA Classroom Small Grant

Name

Institution

Email

Phone

Address

Funds requested

Item(s) to be purchased

Purpose or use of items

The History of Mathematics Special Interest Group of the Mathematical Association of America

is pleased to announce its seventeenth annual

Student Paper Contest in the History of Mathematics

This contest is open to all undergraduate students^π

Papers will be judged by a panel of specialists for content, originality, and presentation. Typically first and second place winners are chosen.

Submission Guidelines

- Topics can be drawn from any field of mathematics.
- Papers can address a single person or topic, or be an historical survey of a topic or school of thought.
- Submissions should be approximately 5000 words (approximately 12 double-spaced 12 pt. pages) in length with font that is easy to read.
- Submissions should be in a single PDF file, including a title page with title of paper, the author, school, and complete contact information.
- Papers should include a full citation list.
- Papers should not draw too heavily from web sources.[§]
- Students submitting a paper need not be currently taking a history of mathematics course.
- All papers should be single-authored.
- Eligible papers are those written in the past year and while the author was an undergraduate.

Submission Deadline: Tuesday, March 31, 2020

Results will be announced via email
and on the HOM SIGMAA website in May.

Submissions and questions can be directed to
Dr. Amy Shell-Gellasch ashellge@emich.edu

^π Students who have graduated less than a year ago but wrote their paper while still an undergraduate may also participate. Graduate and high school students may also submit for an honorable mention.

[§] Web sources that give access to print material, such as JSTOR, are completely acceptable.