

The Line

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BEQUEST INTENTION TO ESTABLISH DIFFERENTIAL EQUATIONS PRIZE



Nancy Tomastik, AMS Executive Director Don McClure and Ed Tomastik at AMS Headquarters

With a goal to recognize excellence in scholarship on differential equations, Edmond and Nancy Tomastik have declared their bequest intention to establish a new prize. The Edmond and Nancy Tomastik Prize in Differential Equations will one day recognize papers in this research area.

Ed Tomastik grew up near Pittsburgh and earned a B.S. in mathematics from Carnegie Mellon in 1961. Nancy was raised in Ohio and earned her Bachelor's degree from the Cleveland Institute of Music. They married as Ed completed his Ph. D. at Case Western Reserve University in 1965 with his dissertation, "Singular Quadratic Functionals of n -Dependent Variables". They moved to Storrs, CT, where Ed joined the faculty of the Department of Mathematics at the University of Connecticut.

While at UConn, Ed conducted research in differential equations, receiving a variety of grants for his work. He wrote several popular textbooks and was instrumental in establishing the applied mathematics major at UConn.

The Tomastiks' gift intention meets the recommendation from the 2010 AMS Prize Task Force to create new prizes. Currently there is not a prize in differential equations, and this will provide important focus on this area of research.

Nancy, a retired music teacher, and Ed have two children and three grandchildren and lead active lives with their church and their passion for gardening and landscaping. They have also declared their bequest intention to establish scholarships at the University of Connecticut in the Mathematics Department. The AMS will be pleased to be the steward of their vision for differential equations.

ART OF PROBLEM SOLVING JOINS WWTBAM AS ONLINE COMMUNITY SPONSOR

Who Wants to Be a Mathematician is pleased to welcome Art of Problem Solving (AoPS) as its Online Community Sponsor for the 2015-2016 school year.

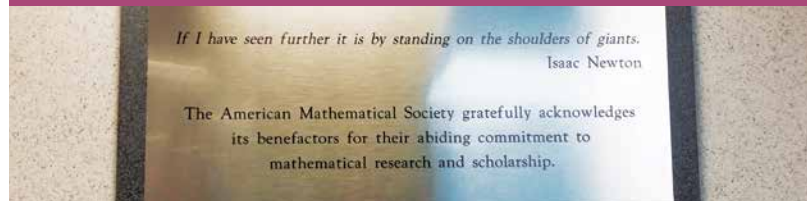


Thousands of mathematics students visit the AoPS website to study mathematics, engage in forums, and prepare for exams and math contests.

AoPS will now feature the WWTBAM game on their website, and also provide support to the game and participating schools. WWTBAM host Mike Breen comments, "AoPS is a popular site among advanced mathematics students, so the company is a natural fit for *Who Wants to Be a Mathematician*. We share the goal of challenging excellent mathematics students." The AMS looks forward to the online activity in preparation for the 2016 national game, to be held at the Joint Mathematics Meetings in Seattle, WA.

Visit www.artofproblemsolving.com.

WITH THANKS: AMS DONOR WALL OF HONOR



The AMS Donor Wall of Honor celebrates those who have supported the AMS with a gift of \$1,000 or more in one calendar year. Gifts in 2014 included these newly recognized donors:

2014 AMS Staff
 Jeffrey D. Adler in memory of Paul J. Sally, Jr.
 Ruth M. Charney
 Tara S. Holm and Timothy R. Riley
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Thank you! To learn more, visit www.ams.org/donor-wall.

**FROM THE ANNALS:****MATHEMATICIAN, SUFFRAGETTE, COLLEGE DEAN - MARION REILLY LEAVES THE AMS ITS FIRST ESTATE GIFT IN 1928**

Marion Reilly (1879-1928) photo courtesy Bryn Mawr College

By the spring of 1901 Marion Reilly was already a remarkable woman. She had graduated Bryn Mawr in the top five of her class, with majors in both mathematics and physics. She was now preparing to embark on graduate mathematics studies at Bryn Mawr under Professor Charlotte Angas Scott, known herself for her scholarship and for earning eighth wrangler in the Cambridge Mathematical Tripos in 1880, although denied official recognition of this accomplishment at the time because she was a woman.

Marion Reilly conducted her graduate studies for several years, including a semester at Newnham College in Cam-

bridge where she took a course with Alfred North Whitehead. A letter in 1907 shows her also working with Whitehead's colleague, Bertrand Russell: "At present I am in lodgings in Bagley Wood very near the Russells and Mr. Russell is kind enough to give me some coaching in his work which I shall find invaluable if I undertake to give a course in logic."¹ Reilly had recently been hired at Bryn Mawr as Dean of the College and Reader in Philosophy. Her research brought her to the threshold of a dissertation but she was unable to complete it, perhaps due to the demands of her new positions.

Dean Reilly undertook her new life at Bryn Mawr with reported gusto. She worked as Dean for nine years and then joined the Board of Directors, eventually becoming Director at Large. She also held leadership roles with the American Association of University Women, the National American Woman Suffrage Association, the League of Nations Non-Partisan Association, and other organizations.

Her passing on January 27, 1928 was a shock to all. Her eulogy contains descriptions of her as "an ardent internationalist" and "an unfaltering feminist". "She had a quick, rapier-like thrust of wit; a cool, level, detached judgment; integrity like bars of steel ... She gave as she loved, without thought or reckoning of herself - her time, patience, sympathy, intelligence."²

Marion Reilly commemorated her love of mathematics with a gift to the AMS in her estate plan, earmarking it "for the advancement of research in pure mathematics." This was the first bequest gift the young Society had ever received. Her forward-looking gift has been part of the AMS endowment for nearly a century and will continue to benefit mathematicians in perpetuity.

Footnotes

1. Letter from Marion Reilly to Bryn Mawr President M. Carey Thomas Aug 23, 1907, archives at Bryn Mawr College
2. The Commemorative Service for Marion Reilly program, May 13, 1928, Bryn Mawr Alumni Bulletin

Sources

- Raymond Clare Archibald, *Semicentennial History of the American Mathematical Society, 1888-1938* (Menasha, WI: The Collegiate Press, 1938). Online edition <http://www.ams.org/samplings/math-history/hmreprint-index>

THANK YOU FOR SUPPORTING THE EPSILON FUND - A STUDENT WRITES

High school students at Joaquin Bustoz Math-Science Honors Program. Photo by MattLePhotography.com.

The Joaquin Bustoz Math-Science Honors Program (JBMSHP) at Arizona State University is an Epsilon Fund-supported mathematics and science college preparatory program. JBMSHP allows underrepresented students the chance to begin university-level math and science work before they apply to college. Joel Ramirez, a JBMSHP student, wrote to convey his thanks and share his academic goals:

"I am the youngest of three sons, each one currently in a career where math is used daily. ... One graduated from Arizona State University (ASU) with a degree in Electrical Engineering while the other is currently a Math major.

"My goal is to obtain a degree in Civil Engineering at ASU, that way my childhood dream of helping my community will become a reality. One way that I have been preparing myself is by attending the Joaquin-Bustoz Math Science Honors Program at ASU during the summers of 2014 and 2015. The demand of work ethic and time management skills needed for the JBMSHP are the same key elements that I will need for college success.

"Thank you to the American Mathematical Society for providing the scholarship grant for my participation in the JBMSHP. I am confident that my participation in the JBMSHP will continue to provide valuable academic knowledge that will help in pursuing my academic goal of becoming a Civil Engineer."

—Joel Ramirez, rising first-year student at Arizona State University

- Archived ECBT minutes of the American Mathematical Society
- Annual Reports of the President of Bryn Mawr College (Internet Archive), accessed June 2015. <http://libguides.brynmawr.edu/bmcdigitalcollections>
- Bryn Mawr Alumni Bulletins (Internet Archive), accessed June 2015. <http://libguides.brynmawr.edu/bmcdigitalcollections>

With thanks to the library staff at Bryn Mawr College, especially Marianne Hansen and Evan McGonagill.



JMM CHILD CARE GRANTS OFFER NEW FLEXIBILITY TO YOUNG SCHOLARS



Photo by E. David Luria

At a time when early career mathematicians can most benefit from attending meetings, child care needs often weigh on these young scholars.

In response to a frequently expressed need by these members, the format for child care during the Joint Mathematics Meetings changed at the 2015 JMM from on-site daycare to that of grants issued to families to spend on childcare as they wish. The new program has

been well-received, with families appreciating the flexibility the funds provide to procure care as best suits their needs.

The AMS is now raising funds for the grants. The AMS and MAA split the cost of this program equally and are offering fifty grants in total for the 2016 JMM in Seattle.

To support child care, go to www.ams.org/support or look for the fund option in the upcoming annual appeal mailing. For more information or to apply for a grant, visit jointmathematicsm meetings.org.

THE TREASURER EXPLAINS: WHAT HAPPENS WHEN YOU GIVE TO THE ENDOWMENT?



Photo by Sue Goodman

AMS Treasurer
Jane Hawkins

As Treasurer of the AMS I get asked a lot of questions about the finances of the Society. In this article I will address what happens when you donate to the AMS endowment while renewing your membership or responding to an appeal.

The most important fact to know is that when you give to the endowment, the gift itself is permanent and will never be spent! What? Easy to explain: your gift is invested immediately and only the interest and dividend income generated by your donation is spent. Rest assured, the endowment funds

are carefully managed by a dedicated committee that includes AMS Trustees and an investment professional, with help from our chief financial officer, Emily Riley. The committee follows a diversified investment policy and reviews the portfolio's performance regularly.

In accepting an endowment gift, the AMS honors every donor's intentions regarding the gift's use in perpetuity. You can choose to direct your gift to a specific purpose by way of designating it to the "restricted" endowment, for example, the Epsilon Fund, or for a specific prize or award. Alternatively, you can make a flexible gift to the "unrestricted" fund by designating your donation to the general endowment. Programs and services that are supported by income from the general endowment include Mathematics Research Communities, MathJax development, *What's Happening in the Mathematical Sciences*, and many more.

On a personal note, my husband Michael Taylor and I give to the AMS endowment because it provides a lasting investment in the future of mathematics.

COME TO DINNER AT THE JMM IN SEATTLE



AMS Celebration Dinner attendees make their picks for raffle prizes

Join friends and colleagues at the AMS Celebration Dinner at the 2016 JMM in Seattle, WA! Reserve your ticket when you register for the conference. For information, visit jointmathematicsm meetings.org.

DONORS COMPLETE PAUL SALLY JR.'S ENDOWMENT GOAL FOR THE ARNOLD ROSS LECTURES

Thank you!



Arnold E. Ross



Paul J. Sally, Jr.

Thanks to the generosity of AMS donors, the endowment that supports the Arnold Ross Lectures surpassed \$100,000 in July 2015.

Named for esteemed scholar and educator Arnold E. Ross (1906-2002), the lectures connect talented high school students with outstanding mathematicians. Dr. Paul J. Sally, Jr. (1933-2013) created an endowment in 1996 to support the lectures in perpetuity, and he continued to donate to the fund over time. AMS donors helped accomplish the \$100,000 goal Dr. Sally set for the endowed fund.



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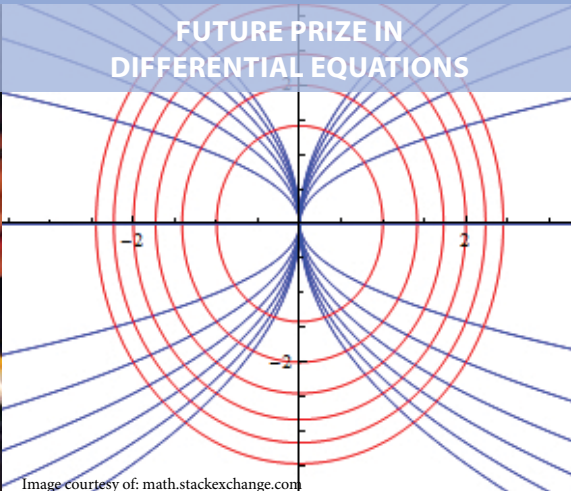
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FUTURE PRIZE IN
DIFFERENTIAL EQUATIONS



WHAT HAPPENS WHEN YOU GIVE TO THE
ENDOWMENT?



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Director of
Development



Nancy Hoffman,
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