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Capital Edition



ARCS/Metro Washington Chapter (MWC) Fall 2016 Newsletter

Message from ARCS/MWC 2015-17 Co-President Jane Riddle



Dear MWC Members,

We are off to a great start to our 2016-17 fiscal year. Although we are only a few months in we already have several successful accomplishments to celebrate, the most recent being the Scholar Awards Reception. Attendance at the SAR was up from last year and our scholars did a great job with their poster presentations. I'd like to give big shout outs to Danielle Robinson, Claudia Benack, Alice Laning, and Carolyn Racich for all of the time they put into planning and executing a successful and enjoyable evening - thank you all!

Our Fall General meeting and Member Social was graciously hosted by Amy and Mark Mykityshyn at their lovely home on one of our last warm summer evenings. We enjoyed a tasty dinner and plenty of icy cold drinks for all. Thank you to Amy and Mark!

Our holiday party will be held on Sunday, December 11 - please save the date. The party is hosted by Marie Carr and will be held at the Chevy Chase Country Club and is sure to be a lovely evening. More details will be sent out as the date approaches.

The board is also working on plans for a great Winter Meeting as well as the Spring Celebration and Eagle Award Presentation. The Winter Meeting will take place on Thursday, February 23, and will be hosted by Alice Laning at the Army Navy Club in Washington, D.C. I am excited to announce that [Dr. Ellen Stofan](#) will be the MWC featured speaker. The topic of her presentation will be "Looking at Earth from Space." Dr. Stofan serves as NASA's Chief Scientist and is a principal advisor to NASA Administrator Charles Bolden on the agency's science programs, planning, and investments. Please stay tuned for details on the Spring Celebration which will be in April 2017.

Thank you once again for your continued generosity and support of our mission to support STEM education. Our success is only possible with your support whether it be your time, help with outreach, or donations.

Thank you all so much!

Sincerely, Jane Riddle

Save the date:

- | | |
|-------------------|---|
| December 11, 2016 | Holiday Party--Chevy Chase Country Club |
| February 23, 2017 | Winter Meeting |
| April 2017 | Spring Celebration and Eagle Award Presentation |
| May 18, 2017 | Spring Meeting |
| October 12, 2017 | Scholar Awards Reception |

**Karen Finkbiner
ARCS Light 2016-17**



Karen Finkbinger is our 2016-17 ARCS Light! Karen has been an ARCS member since 1994 and has held many positions in our chapter and at the national level. Karen's service to ARCS always comes with a sunny disposition and cheerful smile. Special recognition also goes out to Angie Delaney as our outgoing ARCS Light and her dedication to ARCS.

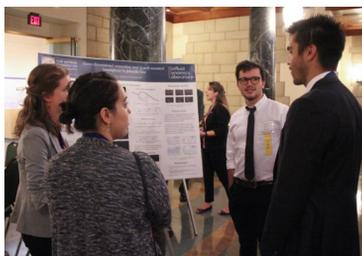
Congratulations, Karen, from the entire MWC! You deserve this special recognition and honor!

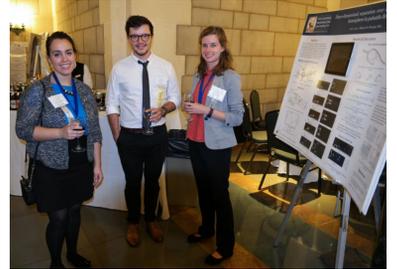
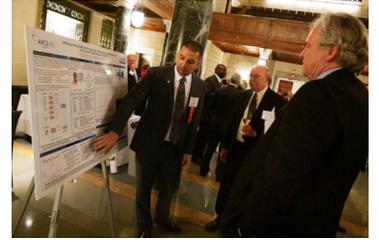
NATIONAL BOARD UPDATE

The Fall National Board meeting was held September 7-10, 2016, in Dallas, TX. Action taken included:

- * Review and Clarification of the Long Range Plan which identifies National's main goals: increase our impact on scholars; retain and attract community leaders to our membership; and build our capacity for success and financial sustainability.
- * 2017-18 Nominating Committee Elected (Donna Casey, Northern California; Joan Foley, Oregon; Jackie Henson, MWC; Marcia Lewis, Seattle; Penny Papadopoulos, Phoenix; Carol Stockman, Pittsburgh; and Kathy Testoni, Pittsburgh). If you are interested in serving on the National Board, please contact Jackie Henson.
- * Lorraine Nordlinger, AMC Chair, discussed tentative plans for the 2018 All Member Conference to be held in Washington, D.C.
- * The 2016 Annual Report and collateral materials were premiered; copies were sent to all chapters.
- * As a representative of MWC's co-presidents, Jane Riddle and Angela Phillips Diaz, I attended the Council of President's meetings and a session with our Science and Engineering Advisory Council (SEAC). Topics of discussion centered on our Long Range Plan and how to raise awareness and visibility of ARCS nationwide. Several advisors noted the changing demographics of both students and potential members: "there is no relevance to Sputnik with the next generation."

Andi Purple
National President-Elect





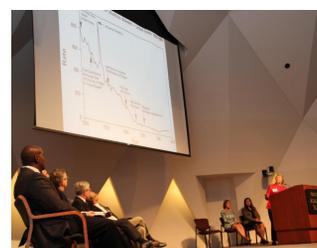
2016 Scholar Awards Reception

ARCS/MWC celebrated Scholarship and Innovation at a special evening at the National Academy of Sciences (NAS) on October 20, 2016. Graduate and undergraduate scholars presented their research at poster sessions in the historic NAS Great Hall, eliciting an enthusiastic response by attendees interested in learning more about their research.

Keynote speaker, **Dr. Diane Griffin**, Vice President of the National Academy of Sciences, and ARCS Corporate Partner Dr. Keoki Jackson, Chief Technology Officer, Lockheed Martin, gave inspirational talks that stressed the importance of U.S. research and new technologies. As noted by the speakers and others, innovation requires a sustained commitment to scientific research, a world-

class workforce, and an economic climate that rewards entrepreneurship and innovation. Representatives of MWC's five partner universities spoke and presented awards to the scholars for their outstanding academic and research accomplishments:

- **Dr. Norberto Grzywacz**, Dean, Graduate School of Arts and Sciences, Georgetown University;
- **Dr. David Dolling**, Dean, School of Engineering and Applied Science, The George Washington University;
- **Dr. Denis Wirtz**, Vice Provost for Research, Theophilus H. Smoot Professor of Chemical and Biomolecular Engineering, Johns Hopkins University;
- **Dr. Peter Kofinas**, Associate Dean for Faculty Affairs and Graduate Programs, A. James Clark School of Engineering, Professor, Fischell Department of Bioengineering, University of Maryland; and
- **Dr. Archie Holmes**, Vice Provost for Academic Affairs, Professor of Electrical and Computer Engineering, University of Virginia.





What is Heartline?

Heartline offers sympathetic support to a member's spouse or the family of a member in the event of death. Verbal contact is made with the family expressing sympathy as well as learning service arrangements and what charity/organization the family has selected to receive memorial contributions. That information is shared with the membership via email & USPS to those not receiving emails. It is also an opportunity to share and recognize the member for her achievements and contributions to our chapter and in so doing our whole chapter may feel they know this member. MWC ARCS honors each deceased member by naming one of our chapter scholars in her memory. If a member learns of the passing of another member or member's husband and has not received a Heartline notification, please inform our President or Heartline Chair, Beth Parker.

Tour of Goddard Space Flight Center

ARCS/MWC toured the Goddard Space Flight Center and the Webb Telescope High Bay Clean Room, Control Center, and Testing Facilities (Greenbelt, MD) on Monday, August 29, 2016. The 3 hour tour was hosted by ARCS member Sarah Doverspike and her husband Ori Fox (ARCS Alum).



University of Maryland Video from MWC ARCS Scholars



A milli on thanks to MWC from the University of Maryland!

Click [here](#) to see the video!

Pictures from the 2016 Fall General Meeting and Member Social



Double the Impact of Your Charitable Contribution Today

Our chapter has raised \$7,900 towards a matching gift. We still need to raise a little over \$7,000 by #Giving Tuesday, November 29th.

An anonymous donor will match dollar for dollar up to \$15,000 to the Metropolitan Washington Chapter of ARCS Foundation Endowment Fund, if we can match the donation by raising \$15,000. This is a tremendous challenge and an opportunity to add \$30,000 to the Endowment Fund by matching not otherwise pledged money. We have until #GivingTuesday on November 29 to earn the donations. To date our members have donated \$7,900. Thank you to all who have donated.

As you can see, we still have more work to do. If every member donated a little over \$100.00 to \$125.00 we could reach our goals. Please help us. We can accept securities or cash contributions. This is an easy way to move our Endowment toward one million dollars and a goal easily attained if every member donates. Many thanks for considering to support this challenge.

Please make checks out to ARCS MWC (with "Endowment Challenge" in the notes line) and send donations to

Antonia M. Schierling, ARCS Endowment Treasurer
2 Cumbernauld Court
Rockville, MD 20850
301.762.2007

Thank you for your donations! They are a pillar of future funding of outstanding scholars in our quest for STEM advancement.



Invest in America's Future!
Support ARCS on #GivingTuesday November 29

Endowment Scholars for 2017-18!

MWC will have two Endowment Scholars for the 2017-18 academic year. This is fantastic news since we were not able to fund a 2016-17 fellow. One scholar will be named a Hesse Endowment Scholar recognizing the contributions made by the Hesse family to the endowment fund. Toni Schierling, Endowment Treasurer, said "What a wonderful way for the Hesse name not only to live on but also to contribute to fund our outstanding scholars."

Welcome New Members!

It is with great pleasure that MWC welcomes our new members! They bring a wealth of experience and enthusiasm vital to our organization!

New Member

Laura Khor
Mary Rouvelas
Mary Jo Ruane

Sponsor

Lorraine Nordlinger
Carolyn Racich
Joan Jordano

MWC EVENT COSTS AND FAIR MARKET VALUE (FMV)

CALENDAR YEAR 2016

The 2016 ARCS/MWC dues and events are listed below with the fair market value and donation portion for each. We hope this is helpful with your individual tax preparations. If you need a letter regarding your donations for the year, please contact Kristen Smith.

Event	Cost	FMV

Dues & Obligations	\$150 Dues + \$350 Obligation = \$500 total	All deductible
Dues & Obligations - Emeritus Members	\$150 Dues + \$150 Obligation = \$300 total	All deductible
Dues Non-Resident Members	\$150 Dues Only	All deductible
Winter Meeting - Speakers Series	\$128.00 per person	\$128.00
Spring Celebration	\$185.00 per person	\$155.00 FMV plus \$30.00 Donation
Spring General Meeting - with Lunch	\$45.00 per person	\$45.00
Spring General Meeting - Meeting Only	\$10.00 per person	\$10.00
Fall General Meeting	\$50.00 per person	\$50.00
Scholar Awards Reception	\$100.00 per person	\$100.00
Marathon Bridge - ARCS Member Cost	\$70.00 per series	All deductible
Marathon Bridge - Non-Member Cost	\$100.00 per series	All deductible
Holiday Party 2016	\$140.00 per person	\$140.00 per person

Amazon Smile You Shop and Amazon Gives

Amazon will donate 0.5% of the price of eligible purchases to MWC. Sign up at smile.amazon.com, then select "Achievement Rewards for College Scientists Foundation Inc. Metro DC."

This is the same Amazon we know and love and shop, with free shipping. Supporters just need to enter the web site via a new "door"--
smile.amazon.com--to support our MWC (not www.amazon.com or the mobile app).

It is easy to shop with a smile! Encourage friends and family to shop and support!

Cool stuff! Join Us! STEM Events & Activities

To sign up for any groups listed below, please email MWCVPCommunications@arcsfoundation.org and include your name and which group you would like to join. Additional information will be sent out by email.

STEM Events & Activities:

The Metro Washington area offers many outstanding opportunities for youth, teens, adults, and college students to engage in STEM education activities. MWC is putting together an email list of those interested in learning about these types of events.

As one example of STEM events, Johns Hopkins University Center for Talented Youth offers family programs open to all. Sarah Nordlinger recently attended a program at Princeton on electromagnetics taught by a Princeton professor.

Learn More! STEM Groups:

Many terrific MWC members belong to other organizations that benefit STEM programs or that offer STEM education opportunities. If you have a program of note or would like to know of these events, please sign up.

Bridge:

Calling all Bridge Players! Please contact Karen Magley if interested in playing bridge with fellow MWC members.

MWC Fiber Arts & Conversation:

Interested in Fiber Arts and Conversation? Can you knit, needlepoint, or quilt or want to learn? There has been some interest in forming a Fiber Arts group for occasional get-togethers and conversations.

Questions? Please contact Elli Nesbitt, MWC Newsletter Editor (enesbitt1@verizon.net)

Achievement Rewards for College Scientists
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www.arcsfoundation.org

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