

Capital Edition



ARCS/Metro Washington Chapter (MWC) Spring 2015 Newsletter

Hello to our loyal readers! We're trying a new newsletter format and would like to hear your comments about it! Please email them to Sally, Elli, and Beth.

--- Thanks from the Newsletter team, Elli Nesbitt and Beth Schierling

Messages from the Office of the President

Sally Burns--Co-President



Greetings to All,

I trust all of us are looking forward with enthusiasm and a sense of relief to the arrival of Spring in a very few days! However, in spite of the challenges of this winter's weather, I can report that ARCS/MWC members have remained committed to the ARCS mission and have remained focused on those tasks which help us reach our goals and fulfill our mission. Our membership is strong, and we continue to be in awe of the outstanding work being done by the 27 graduate scholars and 6 undergraduate scholars at the five universities these scholars represent and whom we support.

At this time, I'd like to take the opportunity to inform the membership of a very special honor that will be bestowed on ARCS/MWC at the end of this month. As part of the Spring Faculty Convocation on March 31, the 1789 Society of Georgetown University will be inducting our chapter into its prestigious group of benefactors who have reached a goal of giving more than \$1 million to the University. Contributors can be individuals, families, corporations, foundations, and/or organizations. ARCS first donated to Georgetown Hospital in 1973, but began supporting scholars there in 1975-76. The invitation was extended to us by the president of Georgetown University, John J. DeGioia. The event consists of an induction ceremony followed by a formal, "celebratory" dinner. Claudia Benack, University Relations VP; Jane Riddle, Finance VP; and I are honored to attend this event on your behalf and on behalf of all the ARCS women since 1975 who have been committed to the mission of supporting scholars at five universities in the Greater Washington area, including Georgetown University. Congratulations to each and every one of you!

In this newsletter, you will find expanded information and photos of recent ARCS events and details about upcoming ones (see list below for some of the highlights). We hope to see as many of you as possible at the April and May events!

December 14, 2015: ARCS Holiday Party

February 5, 2015: Winter Speaker Series

April 7, 2015: ARCS Annual Partnership Event and Eagle Award Presentation (evening)

May 21, 2015: General Membership Meeting (mid-day)

Karen Finkbiner--Co-President

The ARCS National Board Meeting was held Jan 21-24, 2015, in Phoenix. A major topic of discussion was ARCS members' lack of interest in attending the National Annual Meeting (NAM),



hosted by an ARCS Chapter in their home city. The NAM's programs, which range from panels to guest speakers to field trips, offer a special opportunity to interact with members from various chapters. But attendance has been declining, possibly because of a reported perception by ARCS members that the NAM is intended only for the National Board. This is not true. **ALL** ARCS members are invited. The name seems to be part of the confusion. Therefore, the new name of this event will be the "ARCS Foundation All Members Conference" to convey that the entire ARCS membership is invited.

The 2015 ARCS Foundation All Members Conference will be held in Chicago. The dates are September 30-October 3, 2015. The Chicago Chapter is so excited to be hosting us and is busy making plans to make this a special event for all attendees. They are so anxious to show off their fabulous city. Chicago's Mayor, in his excitement on learning that ARCS members are coming to Chicago for the annual conference, has promised that all street and sidewalks will be cleared of snow and ice by the time members arrive next fall! Please watch for information about this event as it becomes available and plan to attend the Chicago Meeting!

Invitation to Support ARCS Scholars

Please join us for the Annual Partnership Event and Eagle Award Presentation

Tuesday, April 7, 2015

Rooftop Terrace

101 Constitution Avenue, N.W.

Washington, DC

6:00 - 8:30 pm

ARCS Foundation 2015 Eagle Awardees:

Dr. Craig Barrett, CEO, Intel (ret.), and Ambassador Barbara Barrett

\$350 per person (FMV \$125)

Send checks made out to ARCS/MWC to:

Marlene Bekey

P.O. BOX 1795

Annandale, VA 22003

Complimentary Valet Parking

Catering - Charlie Palmer Restaurant

**All attendees are invited to the STEM panel from 4:00 - 5:30 pm
on a limited seating basis**

Industry Anchor Sponsor - Lockheed Martin Corporation

Last year, ARCS/MWC, through the leadership of ARCS member, Mary Snitch, established a new format for its annual fundraising event. It was a cocktail/buffet reception held early on a mid-week evening, preceded by a STEM-focused panel discussion in the late afternoon, led by distinguished, nationally-recognized panelists. The prestigious Eagle Award was presented during the reception. In addition, last year's attendance at the panel discussion was limited to the major corporate donors or to those who made a comparable donation.

This year, Mary and her committee are offering a few changes that present an even more attractive event. Seating space has been increased for the panel discussion. Major donors still have priority for attending the panel but the additional seating is offered to those ARCS members who are early registrants and express an interest in attending the panel. This year the panel will be held on the 10th floor of 101 Constitution Avenue. The reception and Eagle presentation will again be on the Rooftop Terrace with elegant food provided by Charlie Palmer's restaurant.

We urge all ARCS members to remember that this is our chapter's **ONLY** fundraising event of the year. We hold other events but they are strictly member meetings and/or social gatherings such as our holiday party. As valuable as these other events are to our organization, none of them supports

our financial commitment to ARCS' mission. In addition, this is a wonderful opportunity to congratulate our Eagle Award honorees and to thank our supporters from the corporate community. See the invitation for details.

See you on April 7th!!

University Visits!

The following are the dates for the annual ARCS/MWC visits to the universities:

Georgetown University: March 25, 2015
 University of Maryland: April 1, 2015
 University of Virginia: April 9, 2015
 George Washington University: April 15, 2015
 Johns Hopkins University: April 23, 2015

Please select the university visit(s) you would like to attend and email the information to **Alice Laning** at: laning@verizon.net. Also, please indicate if you are willing to **drive** a car pool.

Names of attendees must be submitted one week before the scheduled date. Details of time and place to meet will follow.



The "Winter Speaker Series" -- February 5, 2015 "Technology and the Future Workforce"

On February 5, ARCS/MWC held its annual Winter Speaker Series at the Washington Golf and Country Club. The keynote speaker was Janet Foutty, Partner at Deloitte Consulting. Her work at Deloitte in developing strategies for attracting the young emerging workforce, "Millennials," into STEM-related fields made her a natural to speak to our group on this chilly, winter evening.



Janet pointed out that many professionals in the past entered STEM careers because of job stability and better-than-average salaries. If that is still the case, why now do many of these jobs remain unfilled? As someone who works for a company that hires and is engaged on a daily basis with the young emerging workforce, Janet suggests that they instead find innovative work and making an impact to be priorities in preparing for their professional careers. Here is the irony. STEM-related careers offer people innovative work and an opportunity to make an impact. As Janet states in a 2015 blog post, "This type of work and what Millennials say they want is a perfect match." How do we help them see this?

Janet contends that the nurturing needs to begin with students as early as middle school. We know that preparation for STEM-related careers requires a focus on challenging course work. To quote Janet from her post: "Along a student's academic journey, there are moments of panic and doubt-the thought that algebra, organic chemistry or quantum theory is just too much-and then the student picks a different path. We have to be able to catch these students at each of these near-breaking points and say - yes, you are being challenged, but you can do it, and it will be worth it."

Attracting talented and good people into STEM-related careers is a responsibility for each of us. Through ARCS, we are supporting students' financial needs at the college and graduate levels,

which allows them to fulfill their academic dreams. But we can do more. As noted in her blog post, here are four of Janet's suggestions to those who want to become involved:

- Engage today's students. Listen to what they are looking for in a career. Discover their interests and passions.
- Relate those passions to a STEM-related field that fits their interests. Remember to share with them that a STEM career is all about making an impact and doing innovative work.
- Be candid. The work IS challenging but rewarding. Paint the whole picture.
- Finally, talk to them about the many different types of STEM jobs that are out there. The opportunities in STEM and the chance to make an impact are vast - a biochemical engineer, an environmental researcher, or a business consultant. And this is just the tip of the iceberg.



In closing, through her presentation and personal examples, Janet Foutty empowered each of us to play a role in meeting this continuing challenge!

We especially thank Holly Coyne, Activities VP, for her behind-the-scenes efforts in making this event run smoothly and Terry Holmes for sponsoring the venue and providing the wine and table centerpieces.

(This summary is a blend of Janet's comments from the meeting and quotes from her blog post, "How I Think We SHOULD Be Talking About STEM," *LinkedIn*, February 23, 2015 ([Click here for Janet's blog post](#)))



IN MEMORIAM-Betty Marion Grisamore



The Metropolitan Washington Chapter (MWC) of ARCS sadly announces the passing on September 14, 2014, of one of our most dedicated members, Betty Marion Grisamore. A loyal ARCS member since 1970, she was president of the MWC from 1974-76 and was named an ARCS Angel in 2003. Her passion was the Endowment Fund and she was a generous contributor over the years. We are extremely grateful for her recently received legacy gift-a magnanimous gift from a very dynamic woman. She was the beloved wife of Dr. Nelson T. Grisamore who preceded her in death.

Betty served as assistant to Dr. Francois N. Frenkiel, founding editor of the Journal, *Physics of Fluids*, for over 23 years. She also served proudly as an administrator in the Department of Education during both Reagan administrations, running a tight ship that was fondly referred to by her colleagues as "Betty's Boot Camp." She will be remembered for her love of the arts, her love of world travel, her love of cats (most recently Melissa), and her fierce will, determination and dignity. We have lost a staunch supporter of our

mission but her wishes live on in the ARCS Endowment Fund to benefit many future students in their pursuit of scientific knowledge and achievement.

ARCS Scholar Completes Ph.D.!

ARCS/MWC wishes to congratulate our Lockheed Martin scholar, Colin Gore, for his early completion of his Ph.D. degree program and dissertation in the A. James Clark School of Engineering's Department of Materials Science and Engineering at the University of Maryland. Colin graduated in December 2014. Sponsored by our Chapter and with funding support from Lockheed Martin for the 2013-14 and 2014-15 academic years and from the Hesse Endowment Fellowship for 2012-13, Colin was able to complete his research in improving the fuel flexibility of low-temperature solid oxide fuel cells (SOFCs).



We send our very best wishes to Colin as he moves out of academia and into the business world of energy technology.



ARCS 2014 Holiday Party

On Sunday evening, December 14, a great group of our ARCS members and their guests gathered to celebrate the holidays at the beautiful Chevy Chase Club. Marie Carr, hostess and chair of the event, and her committee planned a lovely evening for us that started with a cocktail hour, followed by an exquisite dinner and dancing to the music of "Cheek to Cheek." Each table's centerpiece was a grouping of beautifully wrapped gifts, one for each guest to take home as a remembrance of a festive evening spent with good friends! Thanks to Marie for hosting and chairing this event and to her committee for all their work!



TAX INFORMATION! ARCS EVENTS COSTS AND FMV--2014 EVENTS

The 2014 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 Marlene Bekey.

	Cost	FMV	Donations
Winter General Meeting	\$100.00	\$100.00	----
May 7 Event	\$350.00	\$60.00	\$290.00
Spring General Meeting/Lunch	\$45.00	\$35.00	\$10.00
Spring General Meeting Only	\$10.00	\$10.00	----
Spring Soiree	\$20.00	\$20.00	----
Fall General Meeting/Lunch	\$50.00	\$50.00	----
Fall General Meeting Only	\$10.00	\$10.00	----
Scholar Awards Reception	\$85.00	\$85.00	----
Marathon Bridge	\$70.00 (\$140 for two partners)	----	\$70.00 (\$140 for two partners)
Marathon Bridge Party	\$25.00	----	\$25.00
Holiday Party	\$150.00	\$130.00	\$20.00

ARCS in the News!

Here's a great article about ARCS! (*Wall Street Journal*-February 5, 2015):

"The Disappearing Young Scientists"

[\(Click here for article\)](#)

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