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## ARCS Foundation OC Chapter News and Updates – Spring – May 2018

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Dear ARCS Orange County Chapter Members,

We are looking forward to seeing you at our May and June all members meetings. At the May 16<sup>th</sup> Annual General Meeting and Reception the nominating committee will present the slate of officers and board members for 2018-2019. Watch your email for invites for the May and June all members pot-luck and social. This has always been a highlight of the year and a wonderful opportunity for members to meet and network in a casual ambiance as we thank our outgoing and welcome our incoming board members. Prospective members and ARCS scholars are always welcome.

Patsy Janda

ARCS OC Chapter 2017-18 President

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Upcoming Events – watch your email for invitations to the May and June all members meeting. Thank you to Barbara Hamkalo for organizing the chapter events.

May 16, 2018 - Annual General Meeting and Reception, introducing the slate of officers for 2018-19

June 27, 2018 – Annual members pot-luck and social, thank you to 2017-18 board members and welcome to the 2018-19 board.

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ARCS Foundation Council of Advisors - Would you be interested in representing the ARCS Foundation Orange County Chapter on the National Chapter's Council of Advisors? The National organization would like a representative from each chapter with some experience at the national level to provide support to other chapters and advise the National Board. If interested, please contact Patsy Janda, at [arcsocchapterpresident@gmail.com](mailto:arcsocchapterpresident@gmail.com)

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ARCS Light member honored - The ARCS® Foundation recently honored 14 of its members for their work on behalf of the mission of promoting education in science, engineering and medical research at the ARCS® Foundation All Members Conference in Washington, D.C. Marie Richman is this year's Orange County Chapter awardee.

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ARCS® Foundation All Members Conference (AMC) - Several ARCS Foundation Orange County Chapter members attended the All Members Conference in Washington, DC, April 25-28. The Metropolitan Washington Chapter celebrating their 50<sup>th</sup> Anniversary were the hosts for the conference held at the historic Willard Hotel in Washington DC.

"Celebrating 60 years of supporting science, technology, engineering and mathematics, ARCS Foundation honored the past while looking to the future, with the conference carrying the slogan "scientific innovation for the next generation."

The Conference featured keynote speaker Deborah L. Wince-Smith, president & CEO of the Council on Competitiveness, a coalition of CEOs, university presidents, labor leaders and national laboratory directors, committed to driving U.S. competitiveness.

"A new, multipolar science and technology world is challenging America's influence – as never before in our history. We are living in a time when it is unclear we have the national will and ability to invest more in our future. We have entered a time of tremendous turbulence, transition, and global transformation – and in this respect, the mission of ARCS, to educate the best and brightest U.S. minds, has never been more relevant or necessary. A new age of unparalleled knowledge, vast technological power, and inconceivable innovation is unfolding before our eyes – and ARCS and the scholars it enables will be at the forefront of helping our nation prosper," according to Wince-Smith." [Newsfeed from Minneapolis chapter](#)

An interesting Panel Discussion followed the keynote – "Future Innovations in Biomedical Science: an Interdisciplinary Perspective". Members attended Breakfast and Lunch meetings and breakout sessions where members from across the 15 chapters exchanged ideas. During the afternoons members attended tours of many museums including the American History Museum's Innovation Exhibit, the Daughters of the American Revolution and the National Geographic Museum.

A highlight of the conference was dinner at the U.S. Supreme Court where U.S. Supreme Court, Justice Anthony Kennedy spoke to members in the chamber, followed by dinner in the Great Hall.



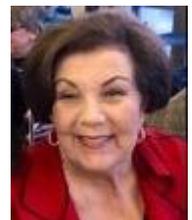

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**Member Highlights** - Board member, Judy Greenspon was honored by the US Small Business Administration, Orange County / Inland Empire District Office as a recipient of a 2018 Small Business Week Award Program. Two regional and eight district awards honoring small businesses and champions will be presented during a May 11th ceremony in Anaheim.

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**In Memoriam** - We note with sadness the death of founding member and past president, Joan Elaine Torres, in March. One of her sisters was also a member.

“Joan was raised in Fruitland, ID, and graduated from University of Idaho before completing her internship at Cornell Medical Center. She then worked at UCLA Medical Center, Santa Monica Hospital, and St. John's Hospital. Joan met Guillermo (Bill) Torres and was married in 1966. Joan was an active member of the community for over 40 years and enjoyed volunteering for many organizations.” Los Angeles Times, April 5-9.




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**Help Us Grow** - We always welcome new members. Please reach out to your contacts and tell them about ARCS. To sponsor a new member, complete the membership and sponsor forms found on the ARCS Foundation Orange County Chapter web site. Links to the sponsor and member application forms are at the bottom of the web page: [www.arcsfoundation.org](http://www.arcsfoundation.org) > Go to Orange County Chapter > Becoming a Member > Links at the bottom of the page.

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Scholar Feature | Michelle Nuno

Michelle Nuno is a Ph.D. student in the Department of Statistics in the Donald Bren School of Information and Computer Sciences at the University of California, Irvine. Her research focuses on developing novel statistical models for the identification of biomarkers to serve as early markers and targets for interventions for Alzheimer's disease (AD), a disease that accounts for 60 to 80 percent of dementia cases and that is increasing in prevalence as individuals live longer. Despite the public health impact of AD, little is known about factors that lead to early identification of the disease. The difficulties in identifying biomarkers for AD are the rarity of the disease as well as the burden placed on patients for measuring spinal fluid samples. To more efficiently use existing data for biomarker identification, Michelle's research group has developed novel statistical theory and models that allow for efficient and reproducible results across scientific studies. She will use the ARCS funding to present these results at the Joint Statistical Meetings and the Western North American Region (WNAR) conference this summer.



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ARCS Foundation Orange County supports American women and men in graduate programs at UC Irvine recognizing doctoral students exhibiting outstanding promise as scientists, researchers, and leaders from the UC Irvine Schools of Biological Sciences, Engineering, Information and Computer Sciences, Medicine and Physical Sciences. One hundred percent of donations to the ARCS Scholar Awards Fund goes to the scholars.

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