

INSIDER

ARCS
ADVANCING
SCIENCE
IN AMERICA

October 2021

PRESIDENT'S MESSAGE...



Holly Heaton

Happy Autumn everyone! I am very excited as we kick off our new fiscal and academic year! We have so much to celebrate and look forward to! I was just reading about the "Rule of Three" and will use it here. It is designed to make people listen better, remember more and understand what one has to say. So, let's listen and learn!!

First, we are on a roll with four new members and we are only three months into our new year!! We are thrilled to have **India Mittag, Elizabeth Taft, Cathie Atkins, and Sue Hylton** join us— welcome ladies!

Let me digress a bit here and share our latest recruitment tip. We have moved our popular summer Pop-Up Parties (PUPs) to the beach. Yes, an evening on the beach at the LJ Beach and Tennis Club, with wine, hors d'oeuvres, five fabulous women and a beautiful San Diego evening and sunset!! Who wouldn't want to join ARCS with that as a setting? In fact, we would like to have more of these. Thank you, **Paulette Roberts**, for organizing this one!



Second, we are welcoming 30 new Scholars this year at our October 18 general meeting! We have 20 returning Scholars for a total of 50 Scholars, which we have funded at \$455,000! Thank you to all of you and our generous donors and friends who have made this possible!

Third, in my first *Insider* message in July 2019, my theme was: "It takes a village". I am so pleased to say that our village is growing and getting stronger, led by a dynamic team and populated with enthusiastic and involved members. We have had two record-breaking fundraising years, have added members, increased our Scholar award amounts and not only survived COVID but thrived during it.

Wow, I am so proud of all of us! Thank you for all you do! Let's make this another great year!

Holly Heaton, President
ARCS Foundation, San Diego Chapter



Please Welcome our New San Diego Chapter Members



India Mittag

India Mittag has worked in the nonprofit fundraising profession for over 20 years. She is currently the Director of Major Giving at the Salk Institute of Biological Sciences in La Jolla where she cultivates relationships with individuals and family foundations who support Salk's world-renowned science.

India learned about the ARCS San Diego chapter during her time working in the Philanthropy office of Scripps Research and serving as the primary liaison between Scripps and the ARCS University Relations representatives. The highlight of her time at Scripps Research was attending the annual SOY events with the Scripps Research scholars and faculty.

Finding fundraising as a career path was a happy accident for India. With a degree in Studio Art (Painting) from the University of Texas and a desire to broaden her horizons and see more of the world, India applied to the International Internship Program at the Peggy Guggenheim Collection in Venice Italy. While working at "Peggy's Palazzo" on the Grand Canal, the Interns (a mix of young art lovers from all over the world) work in all areas of the museum from selling admission tickets to guarding the art and even helping in the main office. It was in the basement office of the museum that India discovered the world of development fundraising -- bulk mailings, phone calls, invitations, events, and donor relationship building. The only people happier to learn that she could use her Painting degree to do something more financially stable than being an artist/waitress were her parents!

Since those early days, India has had an adventurous career fundraising for art museums, hospitals, universities, and research institutes. For her jobs, she has lived in Venice, Houston, Connecticut, and Brooklyn and traveled to China, Taiwan, Thailand, and Korea.

India, her husband Seth, and their daughters August and Marlowe moved to San Diego in early 2018 and love living in Carmel Valley. They keep busy with North Shore Softball, surfing, Girl Scouts, camping, reading, and annual trips back to visit family in Texas.



Elizabeth Taft

In 1966, **Elizabeth Taft** moved to La Jolla with her parents to their new residence on Hartley Drive. She and her husband, Joseph, bought and remodeled homes in Maine, Boston and Jackson Hole in addition to work in La Jolla and in 2001 purchased their Muirlands residence (just around the corner from Hartley) making La Jolla their permanent home.

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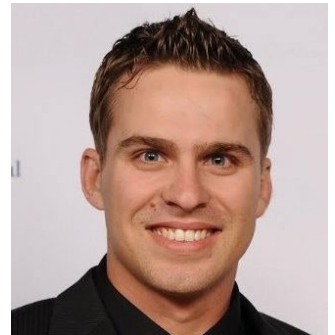
Please Welcome our New San Diego Chapter Members ... Continued from Page 2

Over the years their charitable interests included many arts organizations: San Diego Symphony, La Jolla Music Society, the Stuart Collection at UCSD, La Jolla Athenaeum, the Timken Museum, KPBS and the Museum of Photographic Arts among others. Elizabeth's primary interest was University of California, San Diego. A graduate of the University of California, Los Angeles, she works to pass the gift of education on to the next generation.

In addition to Chancellor's Associates she was a founding member of UC San Diego's Town & Gown where she served as President and continues as Co-Chair of the Program Committee. This connection to the University spawned a new interest in science. When Joseph suffered a stroke that left him unable to communicate, she watched in amazement as his brain repaired itself. Thankfully, he fully regained his speech and was with delight joking once again. That experience led her to focus more of her energy on neuroscience research.

Field Trip - Fortress Networkx (September 28, 2021)

Mark Rotarius, Operations Manager and Senior Engineer at Fortress Networkx, treated us to a 1-hour Zoom presentation on the important and timely topic of "Cyber Security: Best Practices for Personal Computers and Devices." We learned about phishing attacks, data protection, malware, creating strong passwords and more. Those who missed this informative presentation can find the entire video recording, including the Q&A, on our website here: <https://youtu.be/s6vdoNCwjWI>



Just for Fun Party (August 29, 2021)

What a joy to gather in person at the gorgeous home of **Margaret and Dan Dudas**! The invitation to the ARCS Just for Fun Party read like a poem and described the event beautifully:

Gather on a hilltop above the sea
In one of the region's most ethereal gardens
Enjoy ocean breezes, mimosas,
a delectable catered brunch and
Your ARCS Friends!

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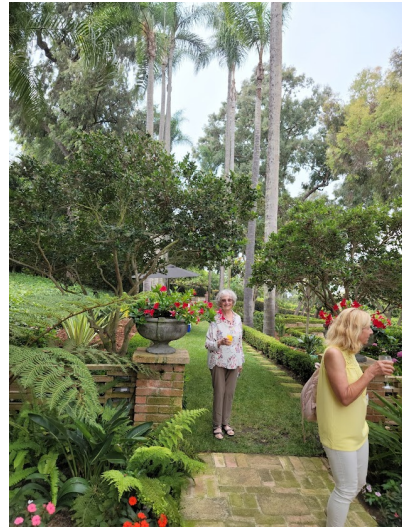


Just for Fun Party... Continued from Page 3

It was truly a memorable occasion, thoroughly enjoyed by all. Here are a few photos which capture the excitement and enchantment in the air.



Pattie Wellborn and Karen Bowden



Robin Luby



Joy Frye and Priscilla Moxley



Paulette, Holly and Pattie



Paulette Roberts and the many guests



Thank you to Margaret Dudas!



Updates from ARCS Members

The Salvation Army Women's Auxiliary hosted its 55th Anniversary Women of Dedication luncheon and fundraiser on Friday, September 17 at the Marriott Marquis San Diego Marina. The event honors twelve extraordinary women from throughout San Diego County for their dedication to the community through volunteerism and service.



2021 Women of Dedication with Ellen Moxham (in white)

We were thrilled to learn that our own **Ellen Moxham** was among the 2021 honorees, along with Jamie Carr, Lynne Doyle, Jackie Helm, Denise Jackson, Ursula Kuster, Deborah Marengo, Julie Cowan Novak, Esther Rodriguez, Roberta Tidmore, Wendy Urushima-Conn, and Danitza Villanueva.

Congratulations, Ellen!!

A new initiative was launched by our Membership team this past July, spearheaded by **Laurie Roeder**; namely a Summer PUP (Pop-Up Party). Eight of our members generously offered to host a PUP, including **Rachel Collins, Leslie Bruce, Marge Hebert, Kristin Boyd, Pat Judd, Priscilla Moxley, Jan Shaw** and **Sharon Arbelaez**. Lots of fun was had by all! The photos speak for themselves.



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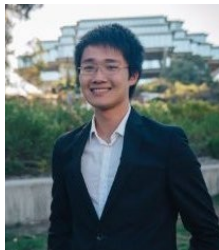


Updates from ARCS Members... Continued from Page 5





Updates from ARCS Scholars



Jiarong Zhou (2019-2021 ARCS Scholar, UC San Diego) - Kudos to Jiarong on receiving a 2022 Siebel Scholars award in September! The program annually recognizes nearly 100 exceptional students from the world's leading graduate schools of business, computer science, & bioengineering. Here's the full story:

<https://ucsdnews.ucsd.edu/pressrelease/graduate-students-honored-as-siebel-scholars>



Michael Fox (2017-2018 ARCS Scholar, UC San Diego/Scripps Institution of Oceanography) and **Maggie Johnson** (2015-2016 ARCS Scholar, UC San Diego/Scripps Institution of Oceanography) – Mike and Maggie announced in September that they will both be starting labs at King Abdullah University of Science and Technology (KAUST) as Assistant Research Professors in the Red Sea Research Center.



Theresa Burnham (2020-2021 ARCS Scholar, SDSU) – Theresa recently joined the research team of Prof. Joshua Stoll at School of Marine Sciences at the University of Maine to co-lead their work on social indicators in the Maine lobster fishery in collaboration with Maine Department of Marine Resources, Maine Lobstermen's Association, and Maine Center for Coastal Fisheries. We look forward to learning more about Theresa's research findings down the road.



Amanda Alker (2021-2022 ARCS Scholar, SDSU) - Amanda presented a possible new approach on helping to rebuild coral reefs, developed in conjunction with biology professor Dr. Nick Shikuma, via Science Glass, an online platform where scientists explain their research to a broad audience. Here's the YouTube link: <https://youtu.be/THNN9oEcgkc>



Mark Kalaj (2020-2021 ARCS Scholar, UC San Diego) – Mark was awarded UC San Diego Department of Chemistry and Biochemistry's 2020-2021 Outstanding Dissertation Award, which recognizes the work of their most exceptional students. In August, Dr. Kalaj began working full-time as a scientist at Singular Genomics, a venture capital backed biotech company in La Jolla that is exploring the potential of genomics for improving human health.

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Updates from ARCS Scholars...

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Tiffany Luong (2020-2021 ARCS Scholar, SDSU) – a nice interview with Tiffany was published in August as part of the “Meet-a-Scientist” series in the *Science Journal for Kids*, a journal established to make cutting edge science accessible to kids. Here’s the link:

<https://sciencejournalforkids.org/articles/lesson-ideas/meet-a-scientist-tiffany-luong/>



Maggie Johnson (2015-2016 ARCS Scholar, UC San Diego/Scripps Institution of Oceanography) – Maggie is a postdoctoral scholar at Woods Hole Oceanographic Institution. Her research is focused on how human activities are changing the environment and the subsequent effects on marine organisms and ecosystems. She specializes in the effects of local and global change (ocean acidification, warming, and hypoxia) on the physiology of marine organisms and marine community ecology. In July, Maggie announced on Twitter that she had successfully published her latest work on tropical deoxygenation in *Trends in Ecology & Evolution*.

Scholar Alumni – Where Are They Now?

Jennifer Emond, MS, PhD (2009-2013, UC San Diego) – is an Assistant Professor of Biomedical Data Science at the Geisel School of Medicine at Dartmouth College in Hartford, VT. She is an experienced researcher and biostatistician within childhood obesity prevention, and the recipient of an NIDDK funded K01 award to examine the concurrent and temporal associations between movement, sleep, and screen media use and the development of hedonic eating behaviors in the preschool years. As part of that work, she developed a parent-reported scale to assess responsiveness to external food cues among young children and continues to assess the psychometric properties of that scale. She also examined multiple aspects of child-directed food marketing, including effects on children's eating behaviors and measuring industry compliance with marketing regulations. She greatly enjoys teaching and mentoring students.



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Scholar Alumni – Where Are They Now?...

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Dena Marrinucci, PhD (2008-2009, Scripps Research) - is a life science entrepreneur with a passion for introducing diagnostic technologies with potential to transform human health. She joined the founding team at Truvian Sciences in San Diego in late 2015 to work on development of a disruptive blood testing instrument (in vitro diagnostic). As Chief Operating Officer, she oversees manufacturing, operations, talent, program management, and scientific affairs.



Prior to Truvian, Dr. Marrinucci developed a novel circulating tumor cell technology at Epic Sciences, which she founded in 2008. During her tenure as Epic's chief scientific officer, she oversaw diagnostic collaborations with pharma and established and led Epic's clinical laboratory and assay development operations.

In addition to her role at Truvian, Dr. Marrinucci serves as board member for Connect as well as a senior advisor for Adjuvant Capital and an advisor for Lynx Biosciences. She has been named to MIT Technology Review's Top 35 Innovators Under 35, Foreign Policy's Top 100 Leading Global Thinkers, and PharmaVoice 100. She also was named a 2016 Life Science Catalyst Award winner, gaining recognition from Biocom and San Diego Venture Group as one of 10 individuals sparking meaningful change to human health. She has authored dozens of peer reviewed publications and is an inventor on 12 patents. Dr. Marrinucci holds a B.S. in chemistry from University of Vermont and a Ph.D. from The Scripps Research Institute in chemical biology.

Scott Todd, PhD (1996, San Diego State University) - is a nonprofit executive leader with a passionate commitment to help at-risk children and youth. He serves as President at OneChild, a child development organization, based in Colorado Springs, that is mobilizing a global community of Child Champions to help kids thrive. As a partner in the Integrated Philanthropy Initiative, Dr. Todd is promoting people-centered non-profit programs through a six-point process emphasizing inclusion, participation, beneficiary equity and feedback.



OneChild is applying the principles of Integrated Philanthropy and is a pioneer of forward accountability among American nonprofits.

During his 12 years in leadership at Compassion International, Scott passionately championed protection and opportunity for at-risk children and youth. In two different Senior Vice President roles, Scott represented a portfolio of donor countries generating

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Scholar Alumni – Where Are They Now?...

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over \$200M per year in revenue and developed and led Compassion's Global Advocacy work. Scott launched Compassion's HIV/AIDS Initiative and Compassion's Child Survival Program and he founded The Learning Team. He served as chairman of the board for Accord, a network of Christian relief and development organizations operating \$4B annually. Scott was founder and board chair for Live58 and executive producer of *58: The Film*. Scott has authored and co-authored three books, including *Hope Rising*, as well as Compassion's Ministry Philosophy Series and over a dozen scientific articles in Immunology and Oncology.

Dr. Todd has extensive international public speaking experience as a keynote speaker in conferences, leadership events and churches in dozens of countries. He has spoken at the White House, Disney World Night of Joy (audience 40,000+), Q, Catalyst, Center for Strategic International Studies and countless conferences, churches and leadership events from Australia to South Africa to Great Britain. Scott has also been featured in dozens of television and radio interviews throughout the US with audience impressions over 40,000,000.

Prior to his work with Compassion, Dr. Todd was an award-winning scientist and medical researcher. He earned his Ph.D. in Molecular Biology (Immunology specialization) from UC San Diego and was a National Lymphoma Foundation Scholar at Stanford University Medical Center. Dr. Todd's medical research was funded by the National Science Foundation, American Cancer Society and the National Institutes of Health.

ARCS Calendar of Events

October

- Monday, Oct 18 – Member General Meeting: Introduction of 30 New Scholars
- Tuesday, Oct 19 – Board Meeting

November

- Tuesday, Nov 16 – Board Meeting
- Thursday, Nov 18 – Field Trip: Dr. Carol Yan, UC San Diego Health

December

- TBD – Member Holiday Event
- Tuesday, Dec 21 – Board Meeting