

REALIZING A VISION FOR SCIENCE IN AMERICA



2017 ANNUAL REPORT

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ARCS MISSION

ARCS® Foundation advances science and technology in the United States by providing financial awards to academically outstanding U.S. citizens studying to complete degrees in science, engineering, and medical research.



Alex Jafek, ARCS Utah Scholar,
University of Utah, College of Engineering

*Photo courtesy of University of Utah,
College of Engineering*

ON THE COVER

CATHERINE KUHN
ARCS Seattle Scholar

University of Washington
School of Environmental &
Forest Sciences

"In addition to the financial benefit of the award, I am impressed by ARCS Foundation's commitment to helping out early career scientists and the emphasis on supporting diversity in STEM fields."

KEVIN ROSS
ARCS San Diego Scholar

University of California at
San Diego, Biomedical
Sciences Graduate
Program



PRESIDENT'S MESSAGE

During 2016-17, ARCS Foundation set the framework for its future by taking the preliminary steps necessary to implement our enterprise-wide Strategic Plan 2017–

2022. While preparing for the next five years, we remained true to our mission — to advance science in America by awarding funds to academically outstanding U.S. citizens studying to complete degrees in science, engineering, and medical research — and by so doing, we established a new baseline of unprecedented financial support for our ARCS Scholars and for our organization.

This past year, ARCS Foundation set into motion the first steps to achieve our three strategic plan goals:

- Increase our impact on Scholars by:
 - Awarding \$4.8 million to 641 ARCS Scholars from 51 colleges and universities, thus setting a record for the highest annual dollar amount of awards made to the greatest number of ARCS Scholars;
 - Distributing the final year of a total of \$663,000 funded by The Roche Foundation, matched by Chapter funds, to 36 selected Roche/ARCS Scholars seeking Ph.D. degrees in the life sciences; and
 - Granting \$106 million of Scholar awards, equivalent to 17,242 years of financial support, to 10,010 ARCS Scholars, since its founding in 1958.
- Retain and attract community leaders to our membership by:
 - Reviewing and building upon the results of our membership survey, with particular attention to membership retention and engagement and;
 - Recruiting new members based on personal contacts and mentoring

- Build our capacity for success and financial sustainability by:
 - Reorganizing and streamlining the National Board and amending our organizational documents accordingly, resulting in a revamping of our governance structure for the first time since 1995;
 - Obtaining an extraordinary level of financial support from 100% of our National Board leaders, who contributed generously to fund National operations and endowment; and
 - Retaining an association management company to assist the National Board in its day-to-day operations and in adapting to the broader demographic, technological, and communications challenges facing every all-volunteer charitable organization today.

This has been a hectic and yet an uplifting and gratifying year. Because of the stalwart efforts this past year of our members, Scholars, donors, and academic partners, ARCS Foundation is well-positioned to achieve even more to advance science in America over the next five years. We look forward to realizing our 2017–2022 strategic plan's vision of our ARCS Scholars as leaders of U.S. and global scientific and technological innovation.

With my deepest thanks for your continued encouragement and support of ARCS Foundation and our 10,010 ARCS Scholars,

Lynne M. O. Brickner
2015-17 National President



2017-18 INCOMING PRESIDENT'S MESSAGE

I'm looking forward to leading ARCS Foundation in our 60th year as an organization dedicated to advancing science in America.

We've come a long way and accomplished much in that time, but we can't rest on our laurels. In order to stay relevant to scientific innovation in America, we have to work as a team to achieve the goals identified in our Strategic Plan, which was designed for the entire ARCS Foundation.

I urge all Chapter members to make plans to attend the 2018 All Member Conference, April 25-28, in Washington, D.C., and learn about exciting innovations in the scientific community.

Sincerely,

Andrea "Andi" Purple
2016-17 National President Elect

2016-17 BOARD OFFICERS & DIRECTORS

VISIONARY LEADERS

OFFICERS



Lynne Brickner¹
President
LOS ANGELES/UTAH



Roulhac Austin¹
Vice President, Chapter Relations
NORTHERN CALIFORNIA



Donna Casey¹
Vice President, New Chapter Development
NORTHERN CALIFORNIA



Anna Maria Matteucci^{1,5}
Vice President, Finance
PHOENIX



Andi Purple¹
President-Elect
METRO WASHINGTON/ATLANTA



Dawn Carson Senger¹
Treasurer
PHOENIX



Nancy Spetzler
Immediate Past President
PHOENIX



Carol Stockman¹
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PITTSBURGH



Beth Wainwright¹
Secretary
PITTSBURGH



Yolanda Walther-Meade¹
Vice President, Membership
LOS ANGELES/SAN DIEGO

STANDING COMMITTEES

- ¹ Executive Committee
- ² Audit Committee
- ³ Governance
- ⁴ National Affiliation
- ⁵ National Endowment Fund

DIRECTORS

Christy Burton²
Director
PHOENIX

Linda Celesia^{3,4}
Chair, National Affiliation
ILLINOIS

Nancy Chambers
Director
ATLANTA

Sue Dintleman
Chair, Information Strategies
UTAH

Jane Dolinger
Director
ATLANTA

Jenny Edstrom
Chair, Administration
MINNESOTA

Cheryl Ernst
Director
HONOLULU

Vicki Glant²
Director
SEATTLE

Eileen Haga^{2,3}
Chair, Audit
PHOENIX

Jackie Henson^{3,4}
Chair, Governance
METRO WASHINGTON

Sherry Lundeen⁵
Director
ATLANTA

Sally McDaniel
Chair, Fund Development
ATLANTA

Margarten McGann³
Director
UTAH/SEATTLE

Judith Miller⁵
Director
LOS ANGELES/UTAH

Lorraine Nordlinger
Chair, All Members Conference
METRO WASHINGTON

Elli Nesbitt
Chair, National Newsletter
METRO WASHINGTON

Caron Ogg
Director
OREGON

Penny Papadopoulos
Chair, National Board Meetings
PHOENIX

Elisa Primavera-Bailey
Parliamentarian (non-voting)
ILLINOIS

Mary Snitch^{1,4,5}
Chair, Council of Advisors
ATLANTA

Shirleen Tucker
Chair, Evaluation
COLORADO

Janie Wilson⁵
Director
ATLANTA

COUNCIL OF ADVISORS

Mary Snitch, Chair
ATLANTA

Sherrye Berger
COLORADO

Debbie Liss
ATLANTA

Di Alexander
METRO WASHINGTON

Mary Davis
LOS ANGELES

Sandra Matteucci
PHOENIX

Jeanne Berdik
PITTSBURGH

Sue Harter³
PITTSBURGH

Lynne Sonntag
PHOENIX

CHAPTER PRESIDENTS *(Each Chapter President is also a Director of the National Board)*



Marcia McGreevy
Lewis
SEATTLE



Joan Foley
OREGON



Laura Springhetti^{1,4}
Chair, Council
of Presidents
UTAH



Susan Speece
COLORADO



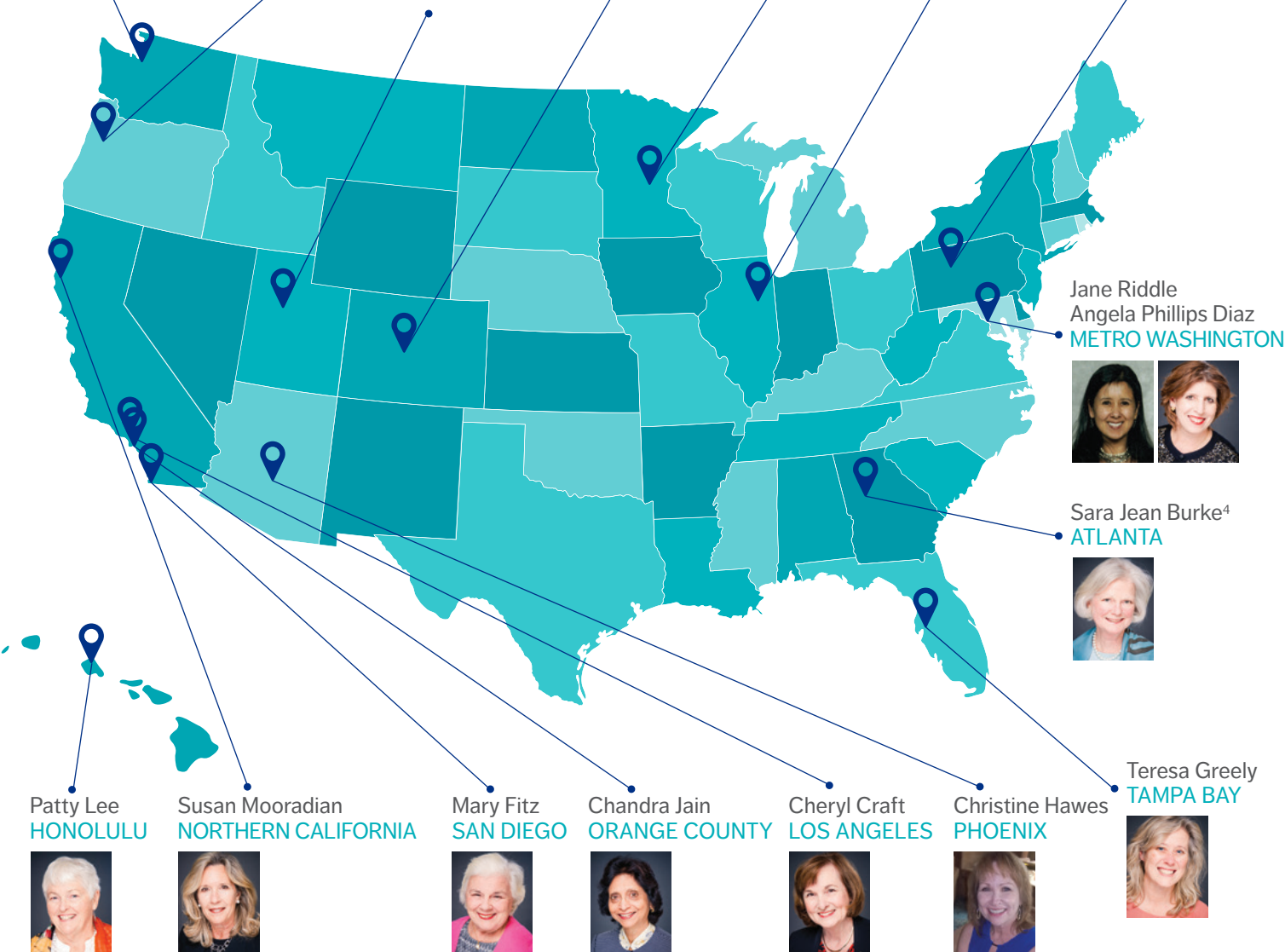
Barbara Goergen
MINNESOTA



Bennetta Kelly
ILLINOIS



Pam Meadowcroft
Kathy Testoni
PITTSBURGH



MILESTONES & ACCOMPLISHMENTS

- 1

Number of ARCS Scholars supported since 1958 surpassed 10,000
- Achieved greatest number of Scholars and highest funding in one year

2
- 3

2017-22 ARCS Strategic Plan approved for organization-wide implementation
- ARCS Illinois Chapter celebrated 40 years of ARCS Scholar support

4
- 5

ARCS Atlanta Chapter celebrated 25 years of ARCS Scholar support
- National fundraising increased 350% over prior year with 100% leadership participation

6
- 7

National Endowment Fund surpassed \$2 million
- Obtained multi-year commitment from Burton Family Foundation to expand national operations and initiatives

8
- 9

Funding approved for new Scholars at eight top-rated programs of five academic partner institutions
- PATS Learning Portal completed with training modules in six areas of chapter operations

10
- 11

Webinar training sessions conducted for more than 125 ARCS members across all chapters
- Suneel Sheikh, Ph.D., and Christopher Stubbs, Ph.D., inducted into ARCS Alumni Hall of Fame


12


59 YEARS OF SUPPORT FOR SCIENTIFIC INNOVATORS


Founded	Awards	Scholars	Total Funding
1958	17,242	10,010	\$105,816,829


IMPACT ON SCIENCE

ARCS Scholar Alumni make significant contributions in:

- 

RESEARCH
Publications, presentations, large-scale grants
- 

ECONOMIC DEVELOPMENT
Founding science-related companies
- 

INNOVATION
Acknowledged by significant scientific awards and patents
- 

BUILDING THE STEM PIPELINE
Teaching, mentoring K-12

ANNUAL IMPACT FY 2016-17

Number of Scholar Awards	
641	
Amount of Scholar Awards	In Support of Graduate Students
\$4,830,555	93%


OUR NATIONAL REACH


 16 Chapters	 51 Affiliated Universities
Approved Programs and Departments	ARCS Members
610	1,305


ENDOWMENT BALANCES


NATIONAL ENDOWMENT	CHAPTER ENDOWMENTS
\$2,045,257	\$31,255,436


IMPACT ON SCHOLAR EDUCATION


- 

Significant difference in Scholar education
89%
- 

Important for completion of research
64%
- 

Significant importance to life after graduation
63%
- 

Important for completing the degree more quickly
34%
- 

Important for moral support and encouragement
77%
- 

Important to completion of the degree
48%

SCIENTISTS CREATING POSITIVE CHANGE

OUR SCHOLARS

Single-minded focus, sharp intellect, years of sacrifice, commitment to scientific exploration — these are the features of scientists who are innovating and adapting to lead us to a better future. Hundreds of these scientists are current ARCS Scholars paving the way to new discoveries that lead to scientific progress, global STEM competitiveness, and national security. Many ARCS Scholars face extremely limited options to fund their work and living expenses.

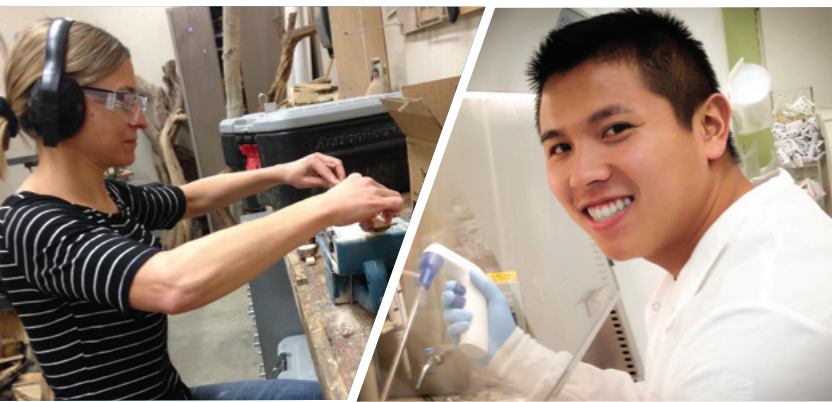
Founded in 1958, ARCS Foundation was established to support these emerging scientists.

We’ve funded over ten thousand of them since our founding and many continue to contribute as alumni — innovating, founding companies, and publishing groundbreaking research. Their work drives economic growth, our ability to compete, and the discoveries that lead to a better quality of life.

GUIDING PRINCIPLES FOR SCHOLAR AWARDS

To ensure the strongest possible impact on Scholars, ARCS Foundation follows strict standards:

- 100% of Scholar Award contributions go directly to Scholars.
- Scholars must be U.S. citizens, enrolled full-time, with a GPA of 3.5 or higher, and majoring in STEM research fields.
- ARCS Scholars are selected by partner universities that are approved by the ARCS National Board on the basis of science, engineering, mathematics, and/or medical research excellence.



Left: Suzanne Owen, ARCS Phoenix Scholar, Northern Arizona University, School of Forestry

Right: Chris Im, ARCS Los Angeles Scholar, University of Southern California, Keck School of Medicine

AREAS OF STUDY

- AERONAUTICS
- AGRICULTURE
- ASTRONAUTICS
- ASTRONOMY
- ATMOSPHERIC SCIENCES
- BIOLOGY
- BOTANY
- CHEMISTRY
- COMPUTER/INFORMATION SCIENCE
- DENTISTRY
- ECOLOGY
- ENGINEERING
- ENTOMOLOGY
- ENVIRONMENTAL STUDIES
- EPIDEMIOLOGY
- FISHERIES
- FOOD SCIENCE & NUTRITION
- FORESTRY
- GENETICS
- GEOLOGY
- IMMUNOLOGY
- MATHEMATICS
- MEDICINE
- MD/PHD & MSTP
- NEUROSCIENCE
- NURSING
- OCEANOGRAPHY
- PHARMACOLOGY
- PHYSICS
- PUBLIC HEALTH
- RANGE MANAGEMENT
- SPACE SCIENCE
- STATISTICS
- VETERINARY MEDICINE
- WILDLIFE MANAGEMENT
- ZOOLOGY

ARCS HONOLULU SCHOLAR

BRENNAN YAMAMOTO

“With the generous funding from ARCS Foundation, I can continue to research what would otherwise be cost prohibitive technologies and to train the next generation of roboticists to meet the needs of a society increasingly reliant on automation and artificially intelligent machines.”

Brennan Yamamoto, University of Hawai’i at Mānoa, Department of Mechanical Engineering

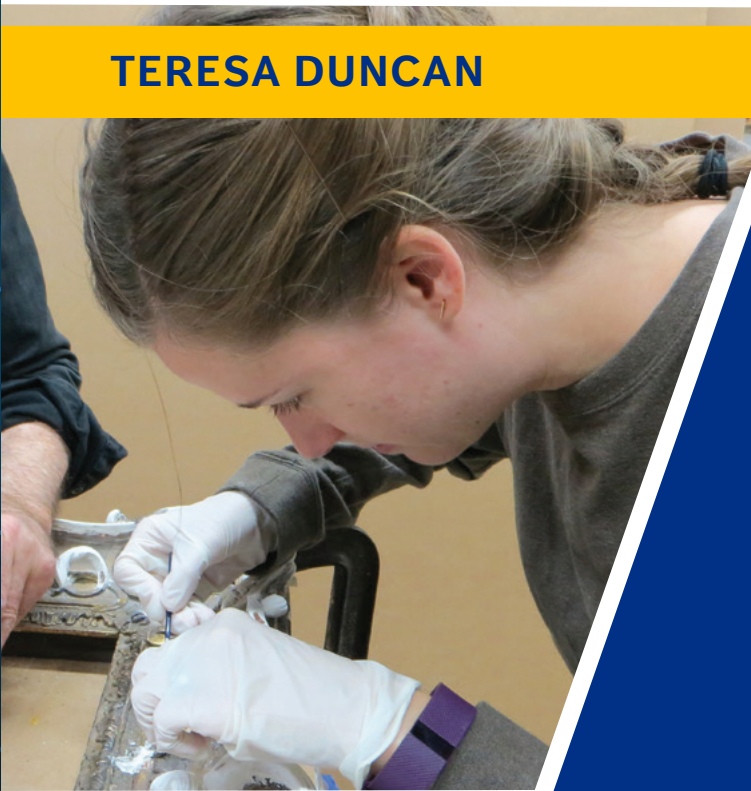


TERESA DUNCAN

ARCS METRO WASHINGTON SCHOLAR

“ARCS Foundation has been invaluable to the development and testing of gels for art conservation. Funding from ARCS Foundation has allowed me to travel to conferences to learn the issues conservators face, and gave me the opportunity to work with conservators in museums to test my gels on paintings that couldn’t be cleaned with traditional methods.”

Teresa Duncan, Georgetown University, Department of Chemistry



LOOKING TO THE FUTURE

OUR GENEROUS DONORS
MAKE IT POSSIBLE

Even before the Arizona-based Burton Family Foundation existed, Christy Burton was involved in ARCS Foundation, and has been committed to the organization for more than a decade. That commitment has been demonstrated via a gift of \$150,000 to ARCS National in a belief that its efforts make a difference.

“Talking to ARCS Scholars over the years, I came to understand how important the ARCS award is to them,” Burton said. “Then I got involved with ARCS on a national level, and it opened my eyes to ARCS potential. Our mission is the same at the chapter and national levels with a shared goal of advancing science in America.”

Burton has been a fervent supporter of the recent move to professional management of ARCS, and sees it as an important step toward an even better future. A Burton Family Foundation designated grant made the transition possible and motivated others to join with her in supporting the milestone change.

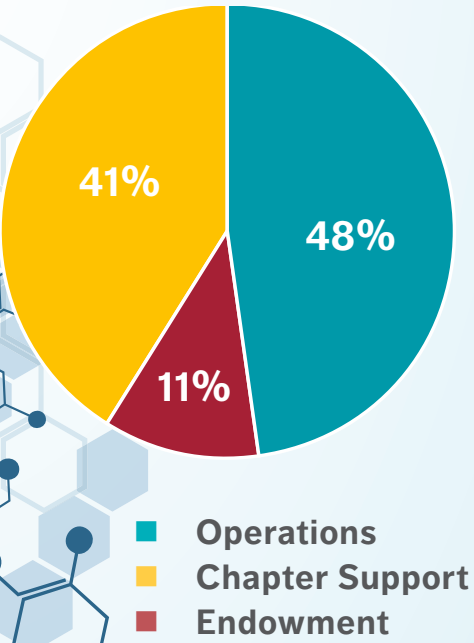
“Investing in bringing in outside professional management can only propel our impact,” she said. “We were a volunteer-run organization up until now and did pretty well, but looking to the future, it’s really important to make an investment in building the capacity of ARCS Foundation while respecting the value and time of our members. We are giving them the ability to stay involved but not overworking them.”

ARCS FOUNDATION THANKS CHRISTY BURTON AND THE BURTON FAMILY FOUNDATION FOR THEIR VITAL SUPPORT.



CHRISTY BURTON

HOW DONOR CONTRIBUTIONS ARE USED:



DID YOU KNOW?

Established in 2001, ARCS Foundation National Endowment Fund grew to more than \$2 million this year. Its earnings provide much needed operating capital for important national initiatives to expand ARCS and to support its chapters.

ARCS thanks all who helped reach this financial milestone and encourages your continued support. Your contribution to ARCS National Endowment will help ensure the sustainability of ARCS for generations to come.

ARCS Foundation has funded over 10,000 STEM Scholars since 1958. These individuals are national leaders in scientific discoveries and innovations that have made a mark on our world. The future of our country and new discoveries are in our hands. Your gift will help ensure that ARCS Foundation continues to fund our country’s future science leaders for years to come.

To make financial donations to ARCS Foundation National Operations, National Endowment, or to a chapter, please visit www.ARCSFoundation.org

THANK YOU FOR YOUR SUPPORT!



Susan Cooper,
ARCS Oregon Scholar,
University of Oregon,
Department
of Chemistry



OUR ALUMNI

Thousands of ARCS Alumni go on after graduation to make outstanding contributions to the advancement of science and to our nation's competitiveness. As evidence of ARCS Foundation's impact, alumni develop new therapies, secure patents for important technology, start innovative companies, become national science leaders, and push discovery forward.

HONORING ARCS ALUMNI

Among this exceptional group are alumni to whom ARCS Foundation pays the highest tribute with induction into our Alumni Hall of Fame. Inductees have distinguished themselves by demonstrating leadership in one or more of the following areas:

- Scientific innovation and discovery
- Recognition by peers
- Mentoring future scientists to fill the STEM pipeline
- Founding or leading an organization that has had a significant impact on the U.S. economy
- Increasing awareness of the importance of national scientific competitiveness

2017 ARCS ALUMNI HALL OF FAME

"If it were not for my ARCS Scholar Award, none of these accomplishments would have been possible. I am certain that all the students from schools across the nation that have received awards feel in some way that their chances for success have been significantly improved."

SUNEEL SHEIKH, PH.D.



CHRISTOPHER STUBBS, PH.D.



"The ARCS Award was a propelling factor in my career and validated that what I was doing was important."

- ARCS Scholar Alumnus at University of Washington from 1987-88, sponsored by the Seattle Chapter
- Was involved, as the inaugural project scientist, in the construction of the Large Synoptic Survey Telescope
- Advisor to the United States government on technical issues that affect national security
- Founder of the APOLLO collaboration, which uses lunar laser ranging and the Earth-Moon-Sun system to probe for novel gravitational effects
- Was a member of the team that detected the accelerating expansion of the Universe and discovered "Dark Energy"
- Currently a professor at Harvard University's Department of Physics and Department of Astronomy

- ARCS Scholar Alumnus at University of Maryland from 2002-04, sponsored by the Metro Washington Chapter
- Founder, Chief Executive Officer (CEO), and Chief Research Scientist of ASTER Labs, Inc.
- Recognized leader in the field of aerospace research and scholarship
- Active member of several professional aerospace and astronomical societies
- Holds 7 U.S. patents, one of which is currently used as an experimental navigation system on board the International Space Station
- Continues to inspire future scientists as Outreach Chair on the Board of the North Star Section of the Institute of Navigation, where he runs the ION's annual Autonomous Snowplow Competition

PAST HALL OF FAME WINNERS

2015-16

- Stephen M. Lichten, 1981 and 1983 ARCS Scholar at California Institute of Technology
- Jeanne VanBriesen, 1992-97 ARCS Scholar at Northwestern University

2014-15

- Shannon Brownlee, 1982-83 ARCS Scholar at University of California, Santa Cruz
- Barbara Jacak, 1975-76 ARCS Scholar at University of California, Berkeley
- Ralph B. James, 1979-80 ARCS Scholar at California Institute of Technology
- David Mangelsdorf, 1984-85 ARCS Scholar at University of Arizona

BUILDING THE STEM PIPELINE

ACADEMIC PARTNERS

A new cure for a disease or an innovative new technology is always a big story, but what’s rarely reported is the critical work that led to these discoveries – basic research.

This is the research on which our scientific solutions and technology wonders are built, and it takes time, constant pursuit, and a collaborative, supportive environment.

Unfortunately, our government has steadily reduced its support for basic research at U.S. colleges and universities.

This is where ARCS Foundation steps in to fill the gap. For almost 60 years we have partnered with U.S. universities where science, technology, engineering, and mathematics are ranked in the top 50 in the country.



“The many ARCS Scholars now contributing their expertise to our nation and the world are living testimonials to the value of the work of ARCS Foundation. ... We remain grateful to ARCS Foundation for its transformative philanthropy, which enables our country’s very best graduate students to realize their greatest potential.”

G.P. “Bud” Peterson
President, Georgia Institute of Technology

2016-17 AFFILIATED UNIVERSITIES

- Arizona State University
California Institute of Technology
Carnegie Mellon University
Colorado School of Mines
Colorado State University
Emory University
Georgetown University
Georgia Institute of Technology
Harvey Mudd College
Illinois Institute of Technology
Loyola University
Morehouse College
Northern Arizona University
Northwestern University
Oregon Health & Science University
Oregon State University
Pomona College
- San Diego State University
San Francisco State University
Stanford University
The George Washington University
The Johns Hopkins University
The Pennsylvania State University
The Scripps Research Institute
University of Arizona
University of California at Berkeley
University of California at Davis
University of California at Irvine
University of California at Los Angeles
University of California at San Diego
University of California at San Francisco
University of California at Santa Cruz
University of Chicago
University of Colorado Anschutz Medical Campus

ARCS WELCOMES ITS
NEWEST APPROVED
UNIVERSITY PROGRAMS

ATLANTA CHAPTER

- Georgia Institute of Technology
- School of Chemical and Biomolecular Engineering in the College of Engineering
 - School of Materials Science and Engineering in the College of Engineering
 - School of Mathematics in the College of Sciences

NORTHERN CALIFORNIA CHAPTER

- Stanford University
- Department of Biophysics
- University of California at Berkeley
- Department of Astronomy in the College of Letters and Science
 - Department of Statistics in the College of Letters and Science

PITTSBURGH CHAPTER

- University of Pittsburgh
- School of Nursing

SEATTLE CHAPTER

- Washington State University
- Department of Chemistry in the College of Arts & Sciences

ADVANCING U.S. GLOBAL COMPETITIVENESS

OUR INDUSTRY PARTNERS

ARCS Foundation works closely with corporate and trade organizations to address STEM-related challenges to our nation’s future.

THE COUNCIL ON COMPETITIVENESS invited ARCS Foundation to become an affiliate member in 2015. The organization brings together business, labor, academic, and government leaders in the work of attracting high-value economic activity into the United States.

THE ROCHE/ARCS FOUNDATION SCHOLAR AWARD PROGRAM IN THE LIFE SCIENCES is in its third year of the three-year program. It is a partnership between ARCS and The Roche Foundation to grant \$770,500 to 36 Scholars who will be leaders among this generation’s life science originators and inventors.

ROCHE/ARCS PROGRAM AT A GLANCE

- 36 Scholars
- Studying in 16 regions
- 25 universities
- 17 fields of study
- 316 publications and presentations
- 149 grants (other than ARCS)
- \$251,000 3rd year funding
- \$770,500 3-year cumulative program funding
- 58% of awardees female; 42% male

ARCS SCIENCE & ENGINEERING ADVISORY COUNCIL

ARCS Foundation looks to its Science & Engineering Advisory Council, composed of national leaders in government, industry, and academia, for guidance on future advances in science and STEM education.

- Lennard A. Fisk, SEAC Chair, Ph.D.
Thomas M. Donahue Distinguished University
Professor of Space Science, University of Michigan

Angela Phillips Diaz
Consultant (ARCS Metro Washington)

Charles Elachi, Ph.D.
Retired, Director of JPL Laboratory and Professor (Emeritus), California Institute of Technology

Chad Evans, EVP
Council on Competitiveness

Sharon Feng, Ph.D.
Sr. Associate Dean at Institute for Molecular Engineering, University of Chicago
- Wayne Goodman, Ph.D.
SVP Operations and Support Group
Aerospace Corporation

Karin Hollerbach, Ph.D.
CEO TAKU Group

Steven Koonin, Ph.D.
Director, NYU’s Center for Urban Science and Progress

Marty Kress
AVP Research, Ohio State University

Irene McGee, Ph.D.
VP Health, Safety, Environment and Quality,
Covestro
- Norine Noonan, Ph.D.
Professor of Biology, University of South Florida at St. Petersburg

Suneel Sheikh, Ph.D.
CEO and Chief Research Scientist of the Advanced Space Technology and Research Laboratories

Mary Lassiter Snitch
Sr. Manager, External Strategic Relations
Corporate Engineering and Technology, Lockheed Martin Corporation (ARCS Atlanta)

Jenny Edstrom
SEAC Secretary (ARCS Minnesota)



Zachariah Reagh, Orange County Roche/ARCS Scholar, University of California at Irvine, Department of Neurobiology and Behavior

“ARCS Foundation was truly instrumental to my Ph.D. research. The funding provided offset costs related to personal hardship, and allowed me to attend conferences and workshops where I learned about colleagues’ work and received feedback on my own studies. I cannot overstate the importance of organizations such as ARCS supporting young scientists, and I am honored to have been fortunate enough to receive its support.”

GOING ABOVE AND BEYOND

ARCS MEMBERS

The women who join ARCS Foundation believe in the possibilities of science. They recognize the need to increase the number of students undertaking STEM research necessary to compete in today's global economy.



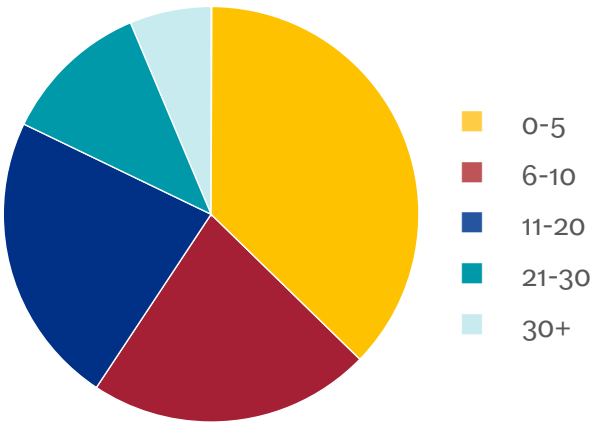
ATLANTA CHAPTER PRESIDENT **SARA JEAN BURKE**

"I am honored to be an ARCS Foundation member and a part of this group of intelligent, dedicated, hardworking, and fun women who share a vision for scientific advancement. By working together we have supported more than 10,000 ARCS Scholars who inspire us and underscore a bright future in science, engineering, and medicine."

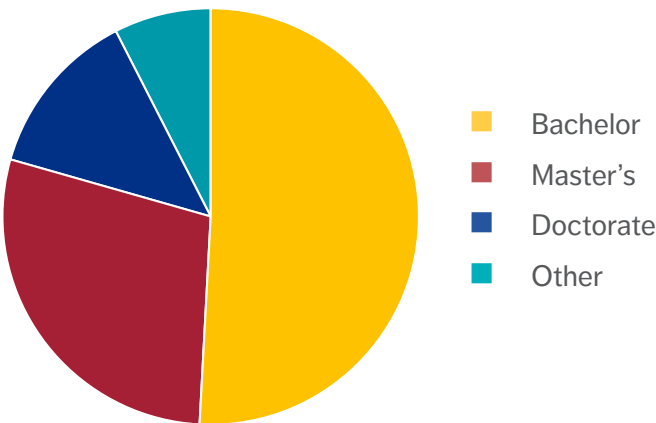
LEADERS IN THEIR COMMUNITIES

ARCS Foundation Members are educated, accomplished women who are committed to maintaining an active relationship with ARCS over many years.

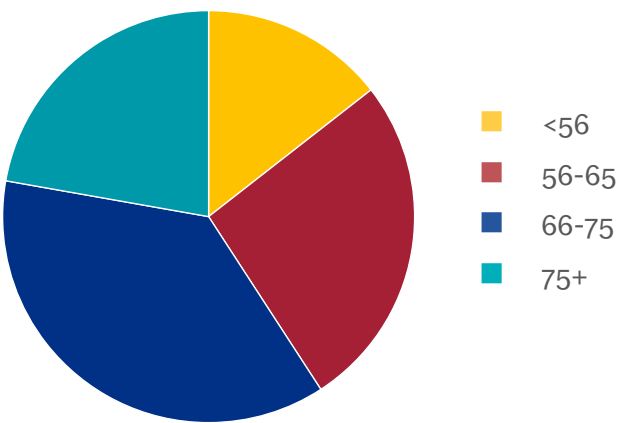
YEARS OF MEMBERSHIP



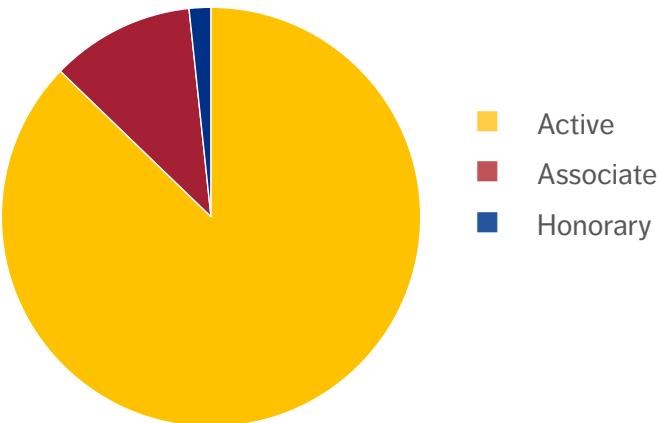
EDUCATIONAL LEVEL



AGE OF MEMBERSHIP



MEMBERSHIP STATUS



ILLUMINATING SCHOLARS' PATHS

The ARCS Light award is given to an ARCS member selected by each chapter with profound appreciation for their ingenuity, sacrifice, and long-term service. These individuals are honored for the outstanding contributions they make at the chapter level.

ARCS LIGHTS

THE 2016-17 HONOREES ARE:



Jamie Anderson
OREGON



Judy Greenspoon
ORANGE COUNTY



Jennifer Martin
PITTSBURGH



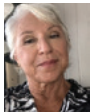
Gracia Conn
ATLANTA



Teresa Greely
TAMPA BAY (HONORARY)



Joan Obert
COLORADO



Pat Cooper
HAWAII



Sandy Kennedy
PHOENIX



Kristen Sheikh
MINNESOTA



Karen Finkbiner
METRO WASHINGTON



Lynn Manley
SEATTLE



Laura Springhetti
UTAH



Tara Fowler
ILLINOIS



Debora Mann
NORTHERN CALIFORNIA



Bobbie Vandervoort
SAN DIEGO



Virginia Young
LOS ANGELES

"Working with ARCS Foundation has been so fulfilling and fascinating, and to see the students' work and meet them has motivated me to continue volunteering."

HISTORY CHANGED ON OCTOBER 4, 1957

Sputnik's launch startled the world that day. For a group of women philanthropic leaders in Los Angeles, it signaled the heightening of a disturbing trend that seemed to challenge America's technological pre-eminence.

SPUTNIK'S SILVER LINING

But the satellite sparked an idea. ARCS founders believed that the women of America could make a difference. With their leadership and support, our nation could increase its pool of top scientific talent and regain its position in the world. In 1958, this group of visionaries met with California Institute of Technology President Lee DuBridge. Together they created a unique partnership between science and society. ARCS Foundation would become a source of much-needed support for young American scientists poised to make important discoveries.

MORE THAN \$100 MILLION IN CONTRIBUTIONS TO COLLEGE SCIENTISTS SINCE 1958

Today, ARCS Foundation continues its 59-year tradition of mentoring and providing financial awards to the best and brightest scholars in the United States. We are more than 1,300 volunteer members strong, serving from our National Board and 16 chapters across the country. Since its founding, this association of women philanthropists has made 17,242 awards to ARCS Scholars. We partner with 51 of the top American universities, relying on their insight into which students are conducting the most important research.

EXPANDING THE DISCOVERIES AND INNOVATIONS MADE BY OVER 10,000 ARCS SCHOLARS

ARCS Scholars graduate and continue to advance science in the United States, and ARCS Foundation will continue to increase our capacity for supporting them. As we look to the future, we envision leaders who will create positive change in the United States.

SCHOLARS

- 1 – **MICHAEL CRAIG**
ARCS Pittsburgh Scholar, Carnegie Mellon University, Department of Engineering and Public Policy
- 2 – **HEATHER HAVA**
ARCS Colorado Scholar Alumna, University of Colorado at Boulder, Ann and H.J. Smead Aerospace Engineering Sciences
- 3 – **CHRISTOPHER WOOD**
ARCS Orange County Scholar, University of California at Irvine, Department of Earth System Science
- 4 – **SARAH CANNON**
ARCS Atlanta Scholar, Georgia Institute of Technology, Algorithms, Combinatorics, and Optimization Program



1



2



3



4

ARCS FOUNDATION CHAPTERS



ARCS® Foundation

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national@arcsfoundation.org
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