



**ARCS** ADVANCING  
SCIENCE  
IN AMERICA®



SCIENTIFIC  
DISCOVERIES  
ARE WAITING  
TO HAPPEN...



*...will American  
scientists be the  
ones to make them?*

According to the National Science Foundation, 34 percent of global engineering degrees are awarded by China, while the U.S. awards only four percent<sup>1</sup>, and U.S. universities are graduating fewer U.S. citizens.<sup>2</sup>

Furthermore, half of American scientific researchers are over the age of 40, and our education system is not producing enough new scholars to replace them. Compounding the effect, there is less government funding for college scientists, the ones who can bring fresh eyes to today's challenges.

ARCS® Foundation works to counter these trends. A national non-profit organization, it supports college scientists who are conducting basic research in a broad array of scientific fields. Their intellectual strength makes possible the discoveries and innovation that will keep our nation scientifically competitive in years to come.

In the scientific exploration that paves the way for discovery, innovation, and making our world better, America is being challenged.

<sup>1</sup> National Science Foundation Science and Engineering Indicators 2014, Appendix 2

<sup>2</sup> National Science Foundation, National Center for Science and Engineering Statistics: Science and Engineering Indicators 2014

## ARCS® Foundation Funds and Helps Educate the Brightest Young Scientists in America

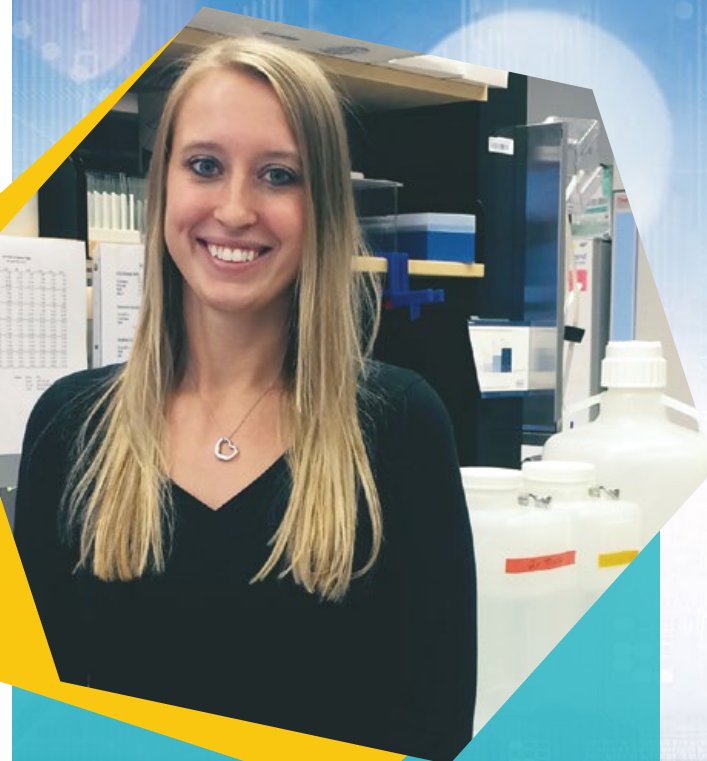
ARCS Scholars are graduate students who have been judged most capable of innovative research in science, engineering, and medicine. They are America's greatest resource for future innovation—the next generation of scientists.



## Your Gift to ARCS Helps Them Complete Their Education and It Encourages Their Commitment

Nine out of ten ARCS Foundation scholars work in their sponsored fields after they graduate, developing technologies, earning patents, launching science-related start-up companies, and inspiring the next generation of future scientists. Nearly 90% of them say the ARCS award made a significant difference in their education.

# YOUR SUPPORT fosters discoveries that CHANGE the WORLD



*"The ARCS award has allowed me to attend important symposia where I learned from top researchers in my field. Their advice and feedback have helped me greatly with my research into the biology of cancers that result from abnormal blood stem cells."*

ASHLEY BASIORKA  
Cancer Biology Ph.D., Moffitt Cancer Center  
University of South Florida

*"My work aims to improve the mechanical properties of semiconducting polymers to engineer efficient, low-cost plastic electronics. ARCS funding has been crucial to my professional development, making it possible for me to present my work at several prestigious conferences."*

SUCHOL SAVAGATRUP, Ph.D.  
Jacobs School of Engineering  
University of California San Diego



## Support the Brightest Students at the Best Schools

We give to students in departments that are ranked among the top 100 nationally. The schools select students based solely on academic achievement, and 100% of the gift goes to the scholar.

FOR MORE INFORMATION ABOUT ARCS AND HOW TO DONATE, PLEASE VISIT [www.ARCSfoundation.org](http://www.ARCSfoundation.org)

## Have a Hand in the Future of American Science and Innovation: Give Today

Join other prestigious philanthropists, foundations and corporations by giving to ARCS Foundation.



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**Achievement Rewards for College  
Scientists Foundation, Inc.**

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