

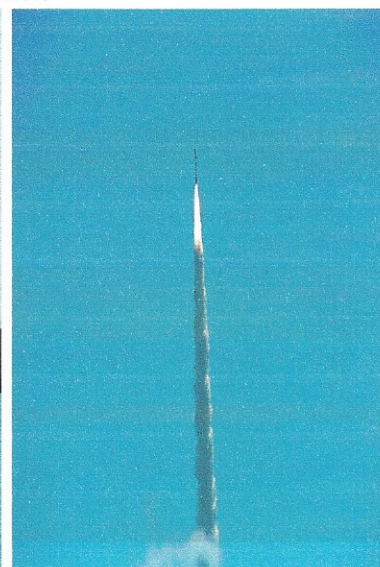
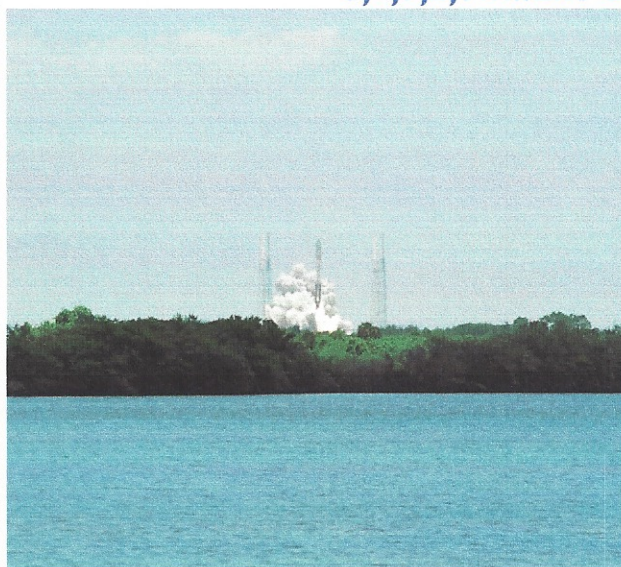
# ARChiveS

ARCS® Foundation Atlanta Chapter

Volume No. XII, Issue 4

Fall 2011

## 5,4,3,2,1.....Lift Off!!!



### Upcoming Events

- Oct 12 Board Meeting
- Nov 17 Scholar Awards Luncheon  
Ritz Downtown
- Dec 7 Board Meeting
- Jan 11 Membership Meeting and Luncheon

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On Friday, August 5<sup>th</sup>, NASA's solar-powered Juno spacecraft lifted off from Cape Canaveral Air Force Station at 12:25 p.m. to begin a five-year journey to Jupiter. Twenty representatives from the Atlanta ARCS Chapter were there to witness the launch of Juno which traveled into space aboard an Atlas V-551 rocket.

The \$1.1 billion Juno mission will arrive at Jupiter in 2016. It will cover the distance from Earth to the moon in less 24 hours. It will take another five years and 1,740 million miles to reach Jupiter.

The spacecraft will orbit the planet's poles 33 times and use its collection of eight science instruments to probe beneath the gas giant's obscuring cloud

cover to learn more about origins, structure, atmosphere, and look for a potential solid planetary core. Juno's 11-day elliptical orbits will drop under Jupiter's radiation belts to within 3,000 miles of the 88,000-mile-diameter-planet, closer than any previous spacecraft. Following launch, the 8,000 pound spacecraft will unfurl three 29 foot long solar panels to provide power to Jupiter, which is five times farther from the sun than Earth.

Why the name Juno? Juno's name comes from Greek and Roman mythology. The god Jupiter drew a veil of clouds around himself to hide his mischief. His wife, the goddess Juno, was able to peer

through the clouds and reveal Jupiter's true nature.

ARCS members received an e-mail invitation to attend the launch from NASA. The invitation included a reception at the Radisson Convention Center, a mission briefing and access to the Kennedy Space Center Visitor's Complex. Key members of the launch team spoke at both the reception and the mission briefing. The excitement of the launch team was contagious! Each session ended with the cheer: "Go Atlas, Go Centaur, Go Juno!"

Following the mission briefing, the group had full access to the Visitor's Complex. (Centaur is second stage of the rocket booster.)



## 5,4,3,2,1.....Lift Off!!!

### LAUNCH DAY

We arrive at the Visitor's Complex and board buses to the Banana River Launch Observatory Site, which features rows of stadium seating to view the launch as well as the Apollo/Saturn Exhibition Center. Launch target time is 11:34 a.m. Most visitors spend time in the Exhibition Center, which contains wonderful exhibits of the Apollo/Saturn missions. NASA Administrator and former astronaut Charles Bolden addresses the viewers, welcoming them to the launch and the Kennedy Space Center. This is followed by the singing of the National Anthem.

Four minutes to launch there is a delay; a problem develops with the Centaur unit. The countdown is halted and from our seats, we can listen to the requests (in five minute increments) for extension of the launch time. There are at least six or seven requests for extensions and we become increasingly concerned that the launch might not take place within the one hour launch time window. Finally, the issue is resolved. There is a roll call of launch partners, who all enthusiastically respond "Go! A few minutes later, Juno soars into space, atop the Atlas V-551 rocket. The crowd was in awe of this powerful demonstration of scientific excellence and human inspiration.

Observations offered by ARCS members and their families: "Peter and I were so impressed with the technological accomplishments of NASA," said Cathey Millichap. The Juno spacecraft will cover the 50,000 mile distance to the moon in less than a day. To reach Jupiter, one billion, seven hundred forty miles away, it will take another five years time. "The excitement was palpable before the launch, especially for the families who worked on Juno for

the last seven years," said Susie Deyo. "It's an event I will always remember." "Totally awesome," according to Peg Cooley. "It was a very emotional experience for me, and certainly the thrill of a lifetime!" "We were all sweating bullets whether the launch would happen or not, the agony of the delays, the euphoria of the launch clock finally being started again for the final four minutes. But given the complexity of the launch systems, the vehicle, the computers, the chips, the wires, it seems miraculous that a launch happens at all. What a credit to the human mind and spirit!" Janie Wilson.

Pat Leake recalled that while waiting for the holds to be lifted, we were entertained by an obliging alligator which swam by the viewing stands, as if on cue. "When the rocket took off, it took several seconds for the sound to reach us, but when it did, our clothes vibrated with the low-frequency sound waves. "

Atlanta ARCS members attending the launch included Janie and Chuck Wilson, Sherry and John Lundeen, Cathey and Peter Millichap, Pat and Nolan Leake, Ronnie Martin and Rich DeMillo, Susie and Bill Deyo, Peg and Keith Cooley, Liz, Peter, Katherine, Sam and Austin Lauer and Kathy and Dennis Berry. There were also representatives from other ARCS chapters.

#### Post Script

*\*Back in Atlanta, Dennis and I watched several updates on the Juno launch and discovered this was the first "public invitation" launch sponsored by NASA. In light of the end of the shuttle program, NASA wants to encourage interest in their other programs and this launch invitation was a test of that strategy. The event was heavily attended and NASA officials deemed it a success..*

Kathy Berry, Contributor



Janie Wilson at the Juno launch at the Kennedy Space Center.



## From the President's Desk

As we begin to celebrate twenty years of ARCS Foundation Atlanta, I'll be using my column to reflect on our history, beginning with a focus on members.

In the fall of 1990, ARCS Foundation representatives visited Mary O'Connor and Atlanta for a site inspection and the possibility of establishing an ARCS Chapter here. They liked what they saw! In the next few months, Mary held two luncheons to gather potential members of this new organization. According to Mary, "My first step was to bring together a broad spectrum of Atlanta women. Some were married to men of influence, while others were generous donors who were highly respected community volunteers or professional working women."

Fifteen Founding Members shared her enthusiasm for the ARCS Foundation. The Founding Members invited twenty Charter Members and we were on our way. The first official meeting was held on February 5, 1992. Sixty-three women attended. All agreed that ARCS Foundation Atlanta would be a great asset to our community. Due to members' other fundraising commitments, they decided to fund our scholar awards through a high dues structure rather than corporate solicitation. Dues were set at \$500 and included three tickets for the Scholar Awards Luncheon.

Additionally, a goal was set to provide the members an exciting array of field trips to stimulate interest and increase our knowledge of science, engineering and medicine. To that end, we have been in a submarine and flown an airplane - well, it was a flight simulator! Our memorable retreats have taken us from coast to coast and city to city. Our knowledge of science, engineering and medical research has been enhanced through our campus visits and the many speakers we have been privileged to hear. How fortunate we all are to be members of this dynamic organization!

Finally, in keeping with Atlanta's philosophy and our own reputations in the Atlanta community, we agreed to work to develop diversity in our college and university selection process, while maintaining the ARCS traditions of academic excellence.

It's an Atlanta Chapter myth that some of the new members recruited understood that their only responsibility would be to pay the dues. As we all know, this group is too exciting to not enjoy all the friendships and opportunities we offer. After attending our first Scholar Awards Luncheon on October 20, 1992, all members were on board and anxious to make this Chapter a big success.



On November 17 as we celebrate our 20th Scholar Awards Luncheon our membership is 146 strong. We're ready to go toward the next 20 years of success before us.

See you at the Luncheon!

Kay

### Condolences:

We extend our sympathy to Leslie McLeod and her family on the loss of her husband, Dr. Hugh McLeod, who passed away on September 30.

## ARCS Members Going To The DAWGS



The first ARCS Education Committee event for the year will be a visit to the University of Georgia College of Veterinary Medicine, on **Tuesday,**

**October 11, 2011, from 10:30 am until 1:00 pm.** After a facility tour by Dean Sheila Allen we will have lunch in the very special Joe Frank Harris Commons. Some facts about the college:

- \* The first class of 44 students graduated in 1950. Current enrollment is 401 students in the DVM program, 69 PhD candidates, 4 DVM/PhD combined

degree program students, 6 DVM/MPH combined degree students, and 32 master's degree candidates, along with 32 residents and 15 clinical interns. UGA accepts 102 students from over 560 who apply.

- \* 74% of the DVM students are women. 76 of the freshman class of DVM students come from Georgia, 17 from South Carolina and 6 from West Virginia.

- \* The College employs 159 faculty members and 372 staff members. The budget is approximately \$61.4 million dollars, with 46% of that total appropriated or sponsored by the state of Georgia. The remainder comes from income from services (26%), federal and other sponsors

(23%), the Southern Regional Education Board (4%), and gifts (1%).

- \* The hospital has an in-house caseload of over 18,747 cases per year, while our field services team goes on approximately 2,270 calls and sees approximately 433,326 animals per year.

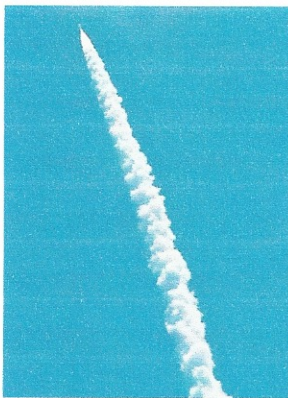
- \* Julie Rushmore, our 2010 Global Impact Award Scholar, is enrolled in the joint Vet and Ecology PhD program. For more background information: [www.vet.uga.edu](http://www.vet.uga.edu)

Penny Seawell and Sara Jean Burke  
Co-Chairs, Education Committee



# Science Corner

Due to the opportunity the Juno launch provided, Science Corner has been devoted to this event witnessed by members and their families.



## Leading Climate Change Expert to Deliver Keynote Address

Dr. Berrien Moore III has his head in the clouds, but on November 17<sup>th</sup> at the Annual ARCS Scholar Awards Luncheon he will have his feet firmly on the ground. A native Atlantan, Dr. Moore graduated from the University of North Carolina and received his Ph.D. from the University of Virginia. As an Earth scientist, he served as the Director of the Institute for the Study of Earth, Oceans and Space at the University of New Hampshire, where he published extensively on the global carbon cycle, biogeochemistry, remote sensing and environmental policy.

Following his 20-year tenure in this position, he became the executive Director of Climate Central, a non-profit, nonpartisan think-tank based in Princeton, NJ and Palo Alto, CA. Climate Central is dedicated to providing public, business and civic leaders and policy makers with objective and understandable information about climate change, and potential solutions to deal with it.

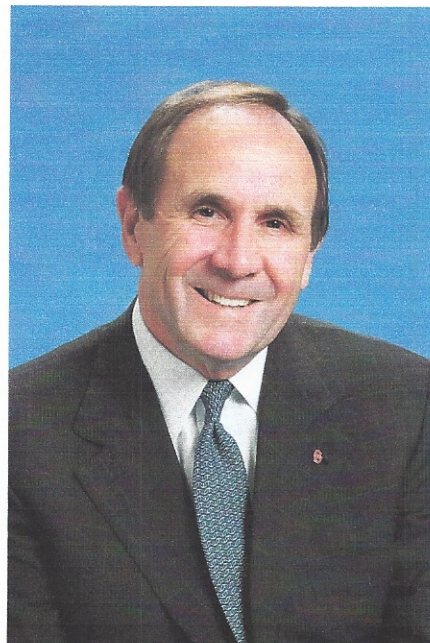
Dr. Moore is now Dean of the University of Oklahoma College of Atmospheric and Geographic Sciences. He also serves as professor of meteorology, director of the National Weather Center, vice-president for

Weather and Climate Programs, and holds the Chesapeake Energy Corporation Chair in Climate Studies.

He has been a visiting research scientist at the Laboratoire de Physique et Chimie Marines, Université Pierre et Marie Curie in Paris and at the Institute of Meteorology at the University of Stockholm. He also served as a Senior Research Fellow at the East-West Center in Honolulu and as a Fellow at the Marine Policy and Ocean Management Program at the Woods Hole Oceanographic Institution.

He currently chairs or is a member of committees and boards for the National Research Council, Jet Propulsion Laboratory and the Max Planck Institute for Meteorology. In recognition of his lifelong dedication to science, he has been the recipient of many honors, including the NASA Distinguished Public Service Medal for outstanding service to the agency (this is NASA's highest civilian honor).

In a year with extreme weather, we are honored to have Dr. Moore as our featured speaker at the Scholar Awards Luncheon.



*Dr. Berrien Moore III*



## Save The Dates!

Over 22,000 women in the US discover they have ovarian cancer each year. During that same time frame, more than 15,000 females die from this disease. On **February 16, 2012**, ARCS members and guests will journey to Georgia Tech to meet with Dr. John McDonald, Professor & Associate Dean of the Biology Department. Dr. McDonald is a leading researcher and expert on ovarian cancer and will discuss breakthroughs in treatment for this insidious disease.



## ROAD TRIP: ARCS Heads To The Queen City



If you have ever hopped on I-75 to head due north for a summer vacation you traveled right through the focus of our 2012 ARCS retreat. Even if you stopped to visit family or friends or held a business meeting, you've never experienced the Queen City of Cincinnati as we will **April 26, 27 and 28, 2012**.

Nestled in a bend of the Ohio River, where Kentucky, Indiana and Ohio meet, we will explore a city whose roots date back to post Revolutionary War America. As early as 1790 steamboats made their way to the shores of Cincinnati spurring huge growth as the city became the world's largest pork packing center, inspiration for today's "flying pig marathon".

German immigrants began pouring into the city in the 1830's settling in the historic "Over-the-Rhine" neighborhood vaulting Cincinnati to the sixth largest city in America. During the Civil War, Cincinnati sided with the Union and became a major destination in the Underground Railroad. Dubbed "The most beautiful inland city in America" by Winston Churchill due to its gently rolling hills and European charm,

Cincinnati has undergone a surge of urban renewal while placing an emphasis on historic preservation.

Cincinnati is home to numerous Fortune 500 companies, baseball's first professional team, America's fifth oldest symphony orchestra, second oldest zoo, famed Cincinnati and Taft Art Museums, Krohn Conservatory, Graeter's Ice Cream, Skyline Chili and so much more.

We'll stay at the fabulous art deco Netherland Plaza Hilton Hotel off Fountain Square as we go behind the scenes to capture all that Cincinnati has to offer. Space is limited so please **send your deposit of \$150 per person by December 15**, payable to ARCS Foundation, Inc. to Susan Higley, 1028 Farm Brook Lane, 30319.

The total cost of the trip will be \$650 per person excluding hotel and airfare. So jump on board as we learn a thing or two all the while having great good fun with old and new ARCS friends!

Sally Boice and Susan Higley  
Co-Chairs, 2012 Field Trip



## Welcome New Members!

A strong membership is the life blood of every organization. The ARCS Foundation Atlanta chapter of ARC has the enviable status of having 146 total members -- 5 honorary, 26 Associates and 115 Actives. We are pleased to introduce 11 new members for 2011-2012.

**Ann Curry** – Sponsor: Anne Easterly      Co-sponsor: Sally McDaniel

Ann is owner and president of Coxe Curry and Associates, Atlanta's leading resource development firm. She has an extensive community service resume as well. She was president of the Atlanta- Fulton League of Women Voters and the first female president of Research Atlanta. She has been involved with the Atlanta – Fulton Public library, chairing its \$2.7 million fund-development campaign. Ann holds membership on the CDC Foundation's Advisory Board, the Strategic Planning Committee of United Way and the Advisory Board of the Georgia Conservancy. She is also a member of the Downtown Rotary Club. She is a graduate of Duke University and currently serves on the Advisory Board for Duke University Libraries. Ann and her husband Jim have 2 adult children and 2 grandchildren. She enjoys city-living, adventure travel and of course, Duke basketball.

**Connie Dotzenrod** - Sponsor: Susie Deyo      Co-Sponsor: Pat Leake

Connie is a partner with King and Spalding and is healthcare regulatory lawyer. She is also a member of the ABA Taxation Section and Exempt Organizations Committee. During high school, college and law school, Connie spent her summers in Washington DC serving as a US Senate page, working at the Supreme Court, and at various DC law firms. She graduated from UVA in 1985 and earned her law degree from Harvard in 1988. She moved to Atlanta in 1993. She currently serves on the board of directors for Susan G. Komen for the Cure Atlanta Affiliate. Connie is married to Tom, who is also an attorney. She has 2 stepdaughters and 3 cats. Connie enjoys traveling and reading.

**Caroline Hardin** - Sponsor: Kay Weiss      Co-Sponsor: Anne Boyd

Caroline was an anesthesiologist assistant at Emory for several years. She is currently a community volunteer and recently received the Day 1 Award for community service. Caroline enjoys golfing, biking and bridge. She and attorney husband Jack Hardin, have traveled extensively throughout the world and relish the more adventuresome side of traveling fun.

**Robin King** – Sponsor: Liz Lauer      Co-Sponsor: Betty Feezor

Robin worked for many years for Southern Company as Manager of Communications and Advertising for Southern Link, its telecom division. Her recent service endeavors include: President of Project Read; Trustee at Fernbank Museum of Natural History; President of the School Council at Warren T. Jackson; and Girl Scout Service Unit Cookie Manager for 32 troops in the Buckhead area. Robin is married to Raymond King, President and CEO of Zoo Atlanta, and has a daughter Courtney. Robin enjoys playing tennis, and is also active at her church, PRUMC.

**Maggie McKay** - Sponsor: Ada Lee Correll      Co-Sponsor: Marie Foster

Maggie is Vice President of Health Sciences Development at Emory. She is keenly interested in the medical field, including diseases, cures, medical research and procedures. Having grown up in Europe and receiving her high school education there, Maggie has a flair for languages. Maggie is a graduate of the University of Florida. In her free time she loves to snow ski and to ride horses. She is married to Bob McKay.

**Carol Meier** - Sponsor: Sherry Lundeen      Co-Sponsor: Debbie Shelton

Carol is a medical technologist in the Microbiology Department at Piedmont, a ten-year cancer survivor and mother of 2. Carol is an active member of Northwest Presbyterian Church and is Secretary for the NWPC Presbyterian Women. Her other community service activities include Agape Community Center, Clifton Night Shelter, the Circle for Children, HIES, Aseracare Hospice, and the Atlanta History Center. Carol is married to Bob Meier, President of Northern Trust. She is a graduate of Wake Forest with a degree in Biology and also has a certification from Grey School of Medicine in Medical Technology.

**Regina Olchowski** – Sponsor: Lee Doyle      Co-Sponsor: Gracia Conn

Regina is currently a state appointed mediator under the GA Department of Education. She has spent most of her professional career in mediation. Since moving from Virginia several years ago, Regina has been very active in the Ansley Park Civic Association and the Citizen Advocacy Group of GA, a child advocacy group here in Atlanta. Regina is married to Ed Potter and has a daughter who recently graduated from MIT with a doctorate degree in atmospheric chemistry.

**Patty Reid** - Sponsor: Deborah Liss      Co-Sponsor: Jeanne Berry

Before becoming a community volunteer and housewife, Patty worked for many years at Citibank and ran her own business, Paper Talk. She has chaired the Board for the Atlanta Speech School and is on the board of The Atlanta Symphony Orchestra, Camp Twin Lakes, and Skyland Trail. Patty got her BA from UVA and her MBA from Tulane. She is a native Atlantan and is married to Doug Reid. They have 2 children. Her mother, Jill Hertz, was a member and supporter of the Atlanta Chapter.



## Welcome New Members !

**Mary Snitch** – Sponsor: Janie Wilson      Co-Sponsor: Lisa Bankoff

Mary has spent over 21 years working with Lockheed Martin Corporation in Washington DC as Director of NASA programs. She also spent 5 years with the Jet Propulsion Lab/Cal Tech as Director of Legislative Affairs. Mary has served on the National Board of ARCS for many years and currently is the immediate Past National President of ARCS Foundation. She is married to Tom Snitch. While they reside in the DC area, she has numerous family ties to Atlanta and spends quite a bit of time here. Mary will have dual memberships in the Metro Washington Chapter as well as the Atlanta Chapter.

**Anne Sterchi** – Sponsor: Beth Finnerty      Co-Sponsor: Kathryn Graves

Anne is the Executive Director of JB Fuqua Foundation and the Executive Director of the Realan Foundation. Prior to joining these foundations, she worked for the Rialto Center for Performing Arts, the Paralympics and in the investment world in NYC. She is a graduate of Leadership Atlanta and her community service endeavors include the Emory Board of Visitors, St. Luke's Training and Counseling Center, and All Saints Episcopal Church. Anne graduated from UVA with degrees in Economics and Psychology and also earned an MBA from Columbia. She enjoys traveling and reading.

**Louise Yeoman** – Sponsor: Lynn Cornett      Co-Sponsor: Linda Mauldin

Louise has been active in the JLA, the United Way, and Hands on Atlanta. She has also been project coordinator for Open Door Community Soup Kitchen. Louise has an undergraduate degree in mathematics and also received an MBA from Emory's Goizuetta Business School. She is married to Jay Yeoman and has 2 daughters, aged 7 and 4. She is also the daughter of one of our founding members, Carol Teem.

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## ARCS Foundation Atlanta Chapter Kicks Off the Year

On a balmy evening in September, over 130 ARCS members and guests gathered at the lovely home of Leslie and Skip Petter to kick off a new year of fundraising and member activities. Our Fall Cocktail Reception affords time for members to reconnect after a summer hiatus and celebrate another successful year for ARCS Foundation Atlanta. During the party, President Kay Weiss welcomed this year's 11 new members to the ARCS family. A beautiful and delicious supper was provided by Mary Hataway of Soiree Catering who donated over 50% of the catering cost to our cause.

It is always a special event when members and guests wonder aloud how ARCS scholars will impact the future. The combination of friendship, a lovely setting and the promise of a bright future in science made it a memorable evening for all.



Kay Weiss,, Beth Finnerty, David Martin, Leslie Petter



Kathy Rainer, Elizabeth M. Spiegel, Elsie and Stuart Gould





Anne Deeley Easterly, Editor

Corrie Johnson, Publisher

Deede Stephenson, Publisher

**Visit us on the Web!**  
**[www.arcsfoundation.org](http://www.arcsfoundation.org)**

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## Achievement Rewards for College Scientists

### Update from the Mother Ship

ARCS Foundation National, the umbrella organization, is composed of members from across the country coming together to form the National Board of Directors. The Board exists and is organized to serve and support each Chapter and individual members. All goals and efforts are to fulfill the collective mission to support our best and brightest scholars to "Advance Science in America." To that end the National Board arrived in Atlanta September 21<sup>st</sup> for the first board meeting of the year. Presidents gathered for networking and training and committees met to discuss services to the chapters, governance and communication.

Most recently, a leadership development taskforce appointed at NAM last June, began to study development and qualifications of national board leaders and how to identify, train and cultivate new

leaders for the national board. Our city's own Ann Cramer, head of Community Affairs for IBM and local volunteer extraordinaire, provided valuable board training at the meeting.

Earlier this year National kicked off the Great Achievements Endowment Campaign. Since that time, the committee has been hard at work defining the scope and milestones of the campaign and identifying prospective donors in the corporate and foundation community across the country. The campaign goal is to increase the Endowment fund by \$1,000,000 over three years. This money will be used to support and develop new chapters thereby expanding our reach and impact. The campaign was kicked off by long-time Phoenix member Sandra Matteucci with a \$10,000 donation. Since that time Lockheed Martin Corporation has

donated \$50,000 to the campaign and many more donations are in the works.

It was with enormous excitement that the Project Mercury team announced that the new ARCS Foundation National Website and Database went live September 14<sup>th</sup>. The first phase launch is intended to give members an opportunity to familiarize ourselves with the new site and its broad capabilities. A public go-live to the major stakeholders - universities, scholars and donors - will follow in October. The new National Website and Database is the largest initiative ever undertaken in the history of ARCS Foundation.

Visit [www.arcsfoundation.org](http://www.arcsfoundation.org) and try social networking with ARCS Foundation on LinkedIn, Facebook or Twitter!

Sherry Lundeen, Contributor