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WIA Connections Summer 2012 | [Click here to view online](#)

July, 2012

Connections Newsletter

Dear Annette,

Thank you to all the WIA members who participated in and supported our third annual conference on June 1! We hold the conferences for the benefit of our membership, but we also could not make them so great without you and our generous sponsors.

A superb conference committee brought us a day full of great speakers including NASA Deputy Administrator Lori Garver, Ambassador Gregory Schulte from the Department of Defense, and an inspirational message from Vernice Armour, the first African American combat pilot.



Stephanie Schierholz
President

I was personally inspired and energized during the morning breakout sessions while listening to some outstanding women share lessons and guidance they've learned throughout their careers. And it was very difficult to choose from amongst our three topical panels about fatigue in aerospace missions, the future of human space flight, and satellite servicing.

Most of all, I enjoyed the opportunity to meet and network with so many of you, our members. The WIA officers and board are very grateful for all of you who provided such great feedback, and we promise to incorporate it to make the fourth WIA conference better than ever! Mark your calendars for June 14, 2013!

In addition to the conference, we've had a full agenda for you of networking and professional development opportunities in 2012, with many more to come in the second half of the year, including a new signature event in California with U.S. Air Force Gen. Pawlikowski, Wanda Austin, CEO of The Aerospace Corporation, and SpaceX President Gwynne Shotwell. If you'll be in California, please plan to join us on Aug. ???. More details are [\(here\)](#).

With Fall just around the corner, our annual awards dinner on Nov. 1 is fast-approaching. Now is your opportunity to honor an outstanding woman you know in aerospace through a nomination. Our VP of Membership Karen Yasumura has been working diligently to bring the process online for the first time. Learn more in her update below.

For more than 25 years, WIA has been driven by the tireless devotion of members who volunteer. All your officers and board members are unpaid, giving of their time. In addition, we could not do what we do without many members who volunteer behind the scenes on committees. Thank you.

And a special thank you and congratulations to Nöelle Miliard, our secretary, who is moving on to a position at EADS in Paris likewise, thank you to Treasurer Emma Hinds, who volunteered to fill both roles through 2012.

Finally, a special thank you and congratulations to Nöelle Miliard, our secretary. Nöelle has taken a new position in Paris within her company EADS. Likewise, thank you to

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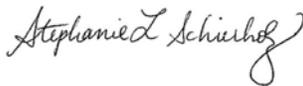
WIA Board of
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Lillian Ryals, Chair
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Mina Samii Ph.D, Finance
Chair

Treasurer Emma Hinds, who has volunteered to fill both roles through 2012.

I look forward to seeing you again soon at our next event!

Cheers,



Stephanie Schierholz
President
Women in Aerospace

ERT, Inc.
Robert Burke
Northrop Grumman
Aerospace Systems
Tammy Cameron
The Boeing Company
Katherine Chambers
Booz Allen Hamilton
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Membership Update

The Women in Aerospace Awards Dinner and Ceremony scheduled for Thursday, November 1st is our premier annual event dedicated to celebrating women's professional excellence and outstanding contributions in aerospace.

The time has come once again to nominate outstanding women in the aerospace industry for a WIA Award.

We are excited to announce that this year our nominations process will be conducted entirely online! This transition streamlines the process and makes it more manageable for all of us. If you would like to nominate someone for one of our prestigious awards, please click [here](#). Nominations will be accepted until **August 1, 2012**.



Karen Yasumura, VP of
Membership



Scan to join Women in Aerospace today!
or visit www.womeninaerospace.org/join



Corporate Member Spotlight - Raytheon Company

Raytheon Company, with 2011 sales of \$25 billion and 71,000 employees worldwide, is a technology and innovation leader specializing in defense, homeland security and other government markets throughout the world. With a history of innovation spanning 90 years, Raytheon provides state-of-the-art electronics, mission systems integration and other capabilities in the areas of sensing; effects; and command, control, communications and intelligence systems, as well as a broad range of mission support services.

At Raytheon, we pride ourselves on developing world-class talent in an inclusive atmosphere, a commitment to diversity also reflected in our support of Women in Aerospace. The result is a workforce that takes pride in the company and consistently delivers superior solutions.

Raytheon is committed to our people, to our communities, and to inspiring future generations toward rewarding careers in science, technology, engineering and

WIA Officers

Stephanie Schierholz
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Renee Leduc Clarke
President-elect
Stephanie Bednarek
VP Programs
Sara Fuentes
VP Professional Development
Jennifer Hoil
VP Communications
Karen Yasumura
VP Membership
Emma Hinds
Treasurer and
Secretary/Historian

WIA Corporate Members

mathematics. Our signature MathMovesU® program has now touched the lives of more than 3 million students, teachers and parents.

Raytheon is headquartered in Waltham, Mass. For more about Raytheon, visit us at www.raytheon.com and follow us on Twitter at [@raytheon](https://twitter.com/raytheon).

Website Makeover: Volunteers Needed!



WIA is dedicated to providing its membership with quality events and networking opportunities for professional growth, all of which must be promoted and administered. We also need to disseminate information to the public about our history and our mission, provide contact information, inform and register new members, recognize sponsors, Board members and officers, and keep our membership up to date about what's going on throughout WIA. Our

website continues to be the primary vehicle for managing these tasks.

WIA is embarking on an website appraisal and rebuild to review what we currently offer on our website and how we can improve its functionality to best serve our membership as well as our administrators. WIA is recruiting volunteers that would be interested in contributing to this process. Volunteers would be asked to spend some time on the current website and itemizing its strengths and weaknesses in their opinion. The responses will be reviewed and summarized. Then, collectively with the officers and the Board, WIA will develop an itemized list of priorities to update the website. Once the Board approves the priorities, they and the officer team will contract a developer to implement the recommended updates.

If you would be willing to participate in this effort, please email me at vp.communications@womeninaerospace.org to express your interest. (Time involved may be as minimal as your time to review the site and generate feedback, or you may wish to further participate in a phone conference discussion of the responses. The choice is yours!)

WIA to sponsor "Earth observations: A rich history and a challenging future"

Women in Aerospace is pleased to inform you of our past breakfast event on Capitol Hill, titled "Earth Observations: A rich history and a challenging future." This event took place Thursday, July 26 from 8-9:30 am, the event was timed during the week of the 40th anniversary of the Landsat satellite mission. The event recognized this significant milestone for the aerospace community, and discussed the challenges and opportunities facing the future of Earth observations. The panel featured representatives of leading organizations and government agencies that have released important reports this year about the future of U.S. and global Earth observation systems. The event was a great dialogue between experts from a variety of perspectives from users, to key agencies and oversight entities.



Renee Leduc Clarke
President-elect

Panelists that attended were; Peter Colohan, OSTP; Bill Hooke, AMS;

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John Matuszak, Bureau of Oceans and International Environmental and Scientific Affairs, State Department; Colleen M. Phillips, GAO; Sarah Ryker, USGS; William F. Townsend, Independent Aerospace Consultant and Committee Member, Space Studies Board, National Academies; Nancy Colleton, Alliance for Earth Observations.

Thank you to our premier sponsor, EADS North America, for their support of this event and our event sponsor Raytheon Company.



Artist's Conception of Landsat 7 in orbit, courtesy NASA Goddard (<http://landsat.gsfc.nasa.gov/images/media.html>)

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Department of Aerospace
Engineering

Counsel to WIA
Berliner Corcoran & Rowe



Don't Miss WIA's Speed Mentoring



Sara Fuentes, VP of
Professional
Development

One of WIA's most popular events is back! This August, don't miss your chance to get advice and guidance from some of the most incredible women in the aerospace community. Speed mentoring, just like speed dating, will give you the opportunity to meet not just one, but many people in the aerospace community. In brief sessions and small groups, you will get up close and personal with experts in the aerospace field. Don't miss your chance and [register today!](#)

Breakthrough Leadership Steps for Success, Vol. 1



Vernice "FlyGirl" Armour,
America's First African
American Female Combat Pilot

WIA Announces *27th Annual WIA Awards Dinner and Ceremony*

27th Annual Women in Aerospace Awards Dinner and Ceremony

**You're The Leader, But Does
Your Team Know Where You're
Going?**

I was in a situation very early on during the invasion of Iraq where we had to take out an enemy target; an apartment building. As

Cocktail Reception 5:30 - 6:30 p.m.
Thursday, November 1, 2012
Ritz-Carlton, Pentagon City
Banquet & Awards 6:30 - 9:00 p.m.
Dress: Business

Registration:

WIA members and employees of non-profit organizations: \$150.00
 Non-Members: \$200.00
 Government Employees: Complimentary
 Table for 10: \$1,500.00
 Click [here](#) to register.

Sponsorships are available. Click [here](#) to request more information.

Know someone who deserves a Women in Aerospace Award?
Nominate them [here](#), by August 1, 2012!

WIA Foundation Update

WOMEN IN AEROSPACE FOUNDATION ANNOUNCES TWO NEW BOARD MEMBERS AND PRESIDENT

Washington, DC -The Women in Aerospace (WIA) Foundation, Inc., is pleased to announce the selection of two new members to their Board of Directors. In addition to selecting new members, the Board also elected Cindy Malawy, VP Marketing, Boeing Defense, Space and Security as their 2012/2013 President.

The newly approved board members are:

- Sandra C. Coleman, Director NASA Exploration Programs, ATK Washington Operations
- Katherine Bolling Farmer, Principal, Booz Allen Hamilton

These distinguished Directors join the Foundation's current Board members:

- Jeffrey Foust (Treasurer), Sr. Analyst, Futron Corporation
- Rosanna Sattler (Secretary), Partner, Postemak, Blankstein & Lund LLP
- Merrie Scott, Manager, Industry Partnerships, AIAA
- Annalisa Weigel, Professor, MIT

The Foundation wishes to recognize its founding and past President, Debra Facktor Lepore, President of DFL Space LLC and Industry Professor at Stevens Institute of Technology, for her outstanding contribution and leadership on the Board. She developed the strategy for future growth of the Foundation and led the successful establishment of scholarships for students preparing for a career in Aerospace related fields.

As previously announced, the Foundation will present the 2012 WIA Foundation Scholarship to Ms. Kirstyn Marie Johnson, a junior in aerospace engineering sciences at the University of Colorado at Boulder at the WIA Awards Banquet on November 1, 2012.

The Board also acknowledges the many individual and corporate donors who have made the WIA Foundation's mission possible. These generous donations are enabling the Foundation to increase the number and dollar value of future scholarships. In fall 2012, the application process will open for the 2013-2014 school year, and two awards of \$2000 each will be available. For more information about the Foundation and the

the ground controller was giving us a description of the target he described it as a building where the enemy was hiding and firing on our troops. I saw several buildings. I wasn't clear. The pilot in the back was yelling at me, "Shoot, Shoot!" But I wasn't sure which building it was!

The ground controller then said, there were palm trees in front of the building. That narrowed it down to two buildings. Again, the pilot in the back said, "I can see the palm trees, shoot the missile!" But, I still wasn't clear, and if I was going to pull the trigger and take lives, I needed to be sure they weren't the lives of friendly forces or civilians. The ground controller followed it up with the enemy building had a burning palm tree in front of the window they were shooting from. BINGO! That's the clarity I needed to engage the enemy.

To read the rest of FlyGirl's Breakthrough Leadership article please click [here](#).

Achievements for Women in Aerospace

July 26, 2005: Return to Flight

Seven years ago this month in 2005, Eileen M. Collins, the first woman to pilot and to command a NASA space shuttle, commanded STS-114 (shuttle discovery) on NASA's historic "return to flight" mission. This marked the first shuttle mission since the Columbia accident in 2003. During STS-114, Collins became the first astronaut to fly the space shuttle through a complete 360-degree pitch maneuver so that astronauts aboard the International Space Station could take photographs of the shuttle's belly to ensure there was no threat from debris-related damage to the shuttle upon reentry.

Selected by NASA in January 1990, Collins became an astronaut in July 1991 and subsequently went on to become the first female pilot of a shuttle mission in 1995 (STS-63), and the first female shuttle commander in 1999 (STS-93). On STS-93, the

2012-2013 scholarship, contact info@womeninaerospacefoundation.org.

For more information about the Women in Aerospace Foundation please contact info@womeninaerospacefoundation.org

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shuttle team deployed the Chandra X-Ray Observatory which has enabled scientists to study exotic phenomena such as exploding stars, quasars and black holes. A veteran of three space flights, Collins has logged over 537 hours in space.

Also of note in July aerospace history, Svetlana Savitskaya becomes the first woman to walk in space on July 17, 1984. On her final spaceflight, she logged almost four spacewalking hours outside the Salyut 7 space station.

Upcoming Events

July 26, 2012

Earth observations: A rich history and a challenging future celebrating the 40th anniversary of the Landsat mission

Location: Rayburn House Office Building, Room 2325

Washington, DC

Click [here](#) to register.

August 22, 2012

MEMBERS ONLY

Speed Mentoring

Location: Jones Day

Washington, DC

Click [here](#) to register.

November 1, 2012

27th Annual WIA Awards Dinner and Ceremony

Location: Ritz Carlton Pentagon City

Arlington, VA

Click [here](#) to register.

Click [here](#) to nominate someone by August 1st.

204 E Street NE, Washington DC 20002 | 202-547-0229 | 202-547-6348 | info@womeninaerospace.org
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