

Georgia Affiliate Award Celebration Sunday, February 24, 2013 Georgia Institute of Technology



National Center for Women & Information Technology www.ncwit.org | 303.735.6671 | info@ncwit.org

The NCWIT Award for Aspirations in Computing is sponsored by Bank of America, an NCWIT Investment Partner.



Georgia Affiliate Award Celebration

On behalf of the National Center for Women & Information Technology and the College of Computing at Georgia Tech, welcome to the 2012-2013 NCWIT Award for Aspirations in Computing Georgia Affiliate Celebration. We are thrilled to be hosting this award for the third year, and to have the opportunity to recognize and honor so many outstanding young women for their aspirations and accomplishments in computing.

The NCWIT Award for Aspirations in Computing honors young women at the high-school level for their computing-related achievements and interests. Awardees are selected for their computing and IT aptitude, leadership ability, academic history, and plans for post-secondary education. The NCWIT Award for Aspirations in Computing offers both a national and local "affiliate" competitions to generate support and visibility for women's participation in communities nationwide.

We would like to thank all of you for your support and encouragement in helping these students recognize the important role they play in the future of computing and other science, technology, engineering, and math (STEM) fields, as well as the future of our society.



Keynote Speaker Sheila Isbell

Sheila Isbell has software development and project management experience focused on the application of advanced technologies for improved community wellness as a Research Scientist at Georgia Tech Research Institute (GTRI). Ms. Isbell's foci of technology application projects have covered the use of technology in rural,

statewide, national and international settings to evaluate and improve health behaviors, information access, and professional-to-lay person communication.

Sheila has an advanced degree in Computer Science with a specialization in Interactive Intelligence. She is the Project Director in charge of researching, designing and implementing a web and mobile platform that aggregates statewide multiagency health information data for a vulnerable, high-risk, and transient population. Sheila Isbell is Principal Investigator of an online tool project that creates a personalized catch-up childhood immunization schedule for Health Professionals and for Care Takers with an interface that varies information levels based on the indicated role of the user.

She travels to Kenya several times a year as Co-Principal Investigator on the GTRI Task Force for Global Health project where she provides technical supervision of the Kenyan programmers and advises on technological use and strategic planning for sustainability. Ms. Isbell's information extraction task on digital records for use at presidential libraries was a part of a body of research that has been highlighted for several years in the National Coordination Office for Networking and Information Technology Research and Development Supplement document by the President as top priority for research and development. Ms. Isbell was also part to a team that conducted an interoperability assessment for a human resource information system to interface with service delivery information and deployment data in an effort for building a national health information system in Kenya.

Ms. Isbell has been a member and volunteer for numerous Georgia Tech campus, local and national committees. Outside of work, Sheila continues to encourage community access to technology by volunteering for Black Girls Code, an organization that introduces young minority women to computing and robotics. Ms. Isbell enjoys being a judge for the national and state NCWIT Award for Aspirations in Computing. Ms. Isbell is a Georgia Tech Jackets mentor and member of the ACM, SWE, AAAI, and NSBE.

2012 - 2013 Award for Aspirations in Computing Georgia Affiliate Reception

Welcome	Annie Anton Chair, School of Interactive Computing, Georgia Institute of Technology
Keynote – Aspirations for Impact	Sheila Isbell Research Scientist Georgia Tech Research Institute (GTRI)
Award Introduction	Jennifer Whitlow Program Coordinator for Enrollment College of Computing, Georgia Institute of Technology
Student Award Presentations	Cedric Stallworth Assistant Dean of Outreach, Enrollment, and Community College of Computing, Georgia Institute of Technology Jennifer Whitlow Program Coordinator for Enrollment College of Computing, Georgia Institute of Technology
Educator Award Presentation	Dr. Debi Huffman 2011–2012 Educator Award Recipient Fernbank Science Center
Closing Remarks	Cedric Stallworth Assistant Dean of Outreach, Enrollment, and Community College of Computing, Georgia Institute of Technology

2012 - 2013 Georgia Affiliate Award Committee:

Barbara Ericson Cedric Stallworth Jennifer Whitlow

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Georgia Affiliate Award Celebration

2012 - 2013 Georgia Affiliate Award Winners

Rabeea Ahmad Milton High School Class of 2013

Anna Awald Wheeler High School Class of 2015

Blaire Bosley Northeast Independent Preparation Academy (NIPA) Class of 2014

Lillian Chin
The Westminster Schools
Class of 2013

Chelsey Clark Woodward Academy Class of 2013

Dorothy Gilchrist Westlake School Class of 2013

Diane Hernandez
Gwinnett School of
Mathematics,
Science, and Technology
Class of 2013

Kristopher Howell Westlake High School Class of 2013

Elizabeth Hoyla Kell High School Class of 2015 Janae Hoyle Wheeler High School Class of 2013

Heather Huynh
Gwinnett School of
Mathematics,
Science, and Technology
Class of 2013

Alveena Jacks
Gwinnett School of
Mathematics,
Science, and Technology
Class of 2013

Kayla Malone Perry High School Class of 2013

Alexandra Marlette
Gwinnett School of
Mathematics,
Science, and Technology
Class of 2016

Tori Mitchell Monroe Area High School Class of 2015

Kelcy Newton Carrollton High School Class of 2013

Angela Park
North Gwinnett High School
Class of 2014

Snehitha Reddy Wheeler High School Class of 2013

Andrea Rocca
Atlanta County Day School
Class of 2013

Sarah Saltiel Advanced Academy of Georgia Class of 2014

Tymirra Smith
Northeast Independent
Preparation Academy (NIPA)
Class of 2015

Andrea Thomsen North Atlanta High School Class of 2015

Kristin Weiss Lakeside High School Class of 2014

Cameron Wright Howard High School Class of 2015

Lucy Zhang Wheeler High School Class of 2013



Georgia Affiliate Award Celebration

2012 - 2013 Georgia Affiliate Award Runner-Ups

Divya Achtani Wheeler High School Class of 2013

Alexandria Allen Gwinnett School of Mathematics, Science, and Technology Class of 2014

Toni Archie Gwinnett School of Mathematics, Science, and Technology Class of 2016

Ashley Armfield Roswell High School Class of 2013

Shakeerryah Barrett Perry High School Class of 2014

> Brittanye Blake Highland Christian Academy Class of 2015

Darriale Bradley Southwest High School Class of 2014

Lauren Buehning Morgan County High School Class of 2013

Mariah Campbell Lanier High School Class of 2014

Chelsea Carr Howard High School Class of 2014 Ha Dao Collins Hill High School Class of 2015

Allyn Fontana Greater Atlanta Adventist Academy Class of 2013

Caroline Holliday Whitefield Academy Class of 2014

Jacquira Hopson Bainbridge High School Class of 2016

Laboni Hoque Brookwood High School Class of 2015

Ashley Huynh Archer High School Class of 2015

Vivian Illonzo The Lovett School Class of 2014

Jazzmine Jenkins Collins Hill High School Class of 2013

Jasmine Johnson Rockdale County High School Class of 2014

Caden Kluge Sequoyah High School Class of 2013 Serena Kurian Berkmar High School Class of 2013

Mary Lathem Eastside High School Class of 2013

Bryanna Lawton North Cobb High School Class of 2013

Djemila McCray Gwinnett School of Mathematics, Science, and Technology Class 2014

Krishna Mehta Northview High School Class of 2013

Diane Ngo Gwinnett School of Mathematics, Science, and Technology Class of 2014

Shannon Nguyen Gwinnett School of Mathematics, Science, and Technology Class of 2013

Jin Noh Gwinnett School of Mathematics, Science, and Technology Class of 2014

Senquaesha Parks Monroe Area High School Class of 2014

Janki Patel Westside High School Class of 2013 Emily Polanco Lanier High School Class of 2016

Hannah Robinson Gwinnett School of Mathematics, Science, and Technology Class of 2014

Tedra Rogers Veterans High School Class 2015

Candela Rojas Lanier High School Class of 2015

Raegan Rowland Mount de Sales Academy Class of 2013

Meredith Singletary Lassiter High School Class of 2013

Ashleigh Thames Howard High School Class of 2014

Samantha Weinberg Wheeler High School Class of 2015

Raeven Whitfield South Forsyth High School Class of 2015

Ashley Wrushen Martin Luther King Jr., High School Class of 2013

2012 - 2013 Georgia Affiliate Award Special Recognition

Madeleyne Vaca
Gwinnett School of
Mathematics,
Science, and Technology
Class of 2013

Miss Vaca has been selected as a recipient of a Special Recognition Award for her achievements as a 2012-2013 winner of the *National NCWIT Award for Aspirations in Computing* and a 2011-2012 winner of the *NCWIT Award for Aspirations in Computing Georgia Affiliate*.

2012 - 2013 Georgia Affiliate Educator Award



Ed Barker
Assistant Director for Advanced Computing
Kennesaw State University

Ed Barker is a native of Conway, South Carolina. Currently, he resides in Kennesaw, Georgia and is employed at Kennesaw State University as the Assistant Director for Advanced Computing.

Mr. Barker is a graduate of the University of South Carolina majoring in Electrical and Computer Engineering. After graduation he worked for E-Systems in the Washington D.C. area implementing communications technology for the DOD. He then was the Director of Engineering and Operations for eOn Communications, directing development of advanced telecommunications systems. Before starting at Kennesaw State University, Ed worked for HI Solutions developing systems for energy management.

He is a mentor to the Kell Robotics Team; which is affiliated with the Lemelson-MIT Inventeam, and the FIRST Robotics Competition.

He is the NSTA (National Science Teachers Association) 2011 Faraday Award recipient, a member of the MIT K-12 STEM Initiative Committee, a member of the Georgia FIRST planning committee, and a board member and President of the STEM Leadership Foundation.

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The Academy of Medicine, in all its Neo-Classic glory, has graced the corner of West Peachtree and Seventh Street since 1941. Designed by Georgia Tech graduate Philip Trammell Shutze, ARCH 1912, the building was formerly dedicated in December of 1941. It was the home of what was then known as the Fulton County Medical Society, and quite unique in the fact that only eight other medical societies in the United States could claim to own their buildings.

The members raised \$160,000 to buy the land and build the edifice as they were determined that it be debt-free post-war and not a burden upon their fellow physicians who would be returning as veterans.

The Academy served as library, meeting space, and telephone service center for the physicians of Atlanta, who in 1970 changed the name of their organization to the Medical Association of Atlanta. They and the Women's Auxiliary utilized it for many years and often hosted Red Cross activities as well as other community events there.

In 1981, it underwent a complete restoration under the watchful eye of the newly formed Atlanta Medical Heritage with input from Mr. Shutze, at a cost of about \$1,000,000. It was placed on the National Register of Historic Places at that time. The AMH handled caretaking duties for the next 27 years. The facility became well-known as an event space, especially for weddings and professional meetings.

The AMH decided to gift their beloved Academy to the Georgia Tech Foundation in June of 2008 to ensure its long-term existence and care. It is an architectural jewel that recently underwent a nearly six million dollar restoration by Georgia Tech, returning it to its original splendor.

The famed Mr. Shutze would no doubt be quite pleased that his beautiful building, now known as the Historic Academy of Medicine at Georgia Tech, is a part of the campus and will be utilized by its students, faculty and alumni and enjoyed by all of Atlanta. After seventy years, it is as pristine as ever-- a beautiful edifice and asset for the White and Gold.





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