



iaamcs

Distinguished Lecturer Series
CRA-W/CDC

- DLS is an activity of iAAMCS that provides targeted presentation interventions for African-
- American students and other under-represented groups in computing sciences.
- Topics include: computing research, academic faculty employment, research scientist positions, computing disciplines related to health, HPC, and cybersecurity
- Other topics related to the benefits of getting a PhD in computing sciences. During second year of iAAMCS, eight events were scheduled for the DLS

INWIC

- Indiana Women In Computing (INWIC)
- **Dates:** February 7-8, 2014
- **Location:** Spencer, IN
- **Attendees:** N>125
- **Demographics:** Female (99%); Male (1%)
- **Speakers:**
 - Professor & Dean Jennifer Bernhard
 - University of Illinois at Urbana-Champaign - Wireless
 - Tiffany Trusty
 - Illinois Women & Hi Tech
 - Former Staff Engineer Motorola 16 years



KY-TRIWIC

- **Local Host:** Maureen Doyle, Associate Dean of Informatics, Associate Professor of Computer Science
- Kentucky and greater Cincinnati Women in Computing Regional Conference (KY-TRIWIC)
- Dates: Feb 7-8, 2014
- Location: Corbin, KY
- Kentucky Falls State Park

- **Speaker:**
- Dr. Adriana B. Compagnoni
 - Stevens Institute of Technology
 - Computational Biology
- Dr. Boyana Norris (CS, University of Oregon)
 - HPC



CAPWIC

- **Capitol Region Women In Computing (CAPWIC)**
- **Dates:** March 14-15, 2014
- **Location:** Virginia Commonwealth University.
- **Speakers:**
 - Mary Jane Irwin – Professor Penn State
 - Computer Architecture & Mobile Computing
 - Tiffani L. Williams – Associate Prof. Texas A&M
 - Computational Biology



1ST NATIONAL WOMEN IN CYBSERSECURITY (WICYS)

- **DLS Host:** Ambareen Siraj, Faculty at Tennessee Tech University
- **Event Dates:** April 11-12, 2014
- **Location:** Nashville, TN
- **Attendees:** N>180
- **Demographics:** Female (99%); Male (1%)
- **Speakers:**
 - Diana - George Washington University
 - Jaeyeon Jung - Microsoft



MINNEWIC

Maria Gini - Host

- Regional celebration of Women in Computing (MinneWIC)
- Minneapolis, Feb 20-21, 2015
- Hosted between 150 and 200 young women from across the Virginia, DC and Maryland areas.
- Attended: N>150



- Academic Speaker: Lana Yarosh
 - University of Minnesota

- Industry Speaker: Julie Flaschenriem
 - VP of Applications Fairview Health Services



CAPWIC

- **DLS Host:** Harris, Nancy Lea & Farzana Rahman
- We had the pleasure of organizing a CRA-W/CDC Distinguished Lecture Series (DLS) event at CAPWIC 2015 (Capital Area Celebration of Women in Technology).
- **Event:** Hosted between 150 and 200 young women from across the Virginia, DC and Maryland areas.
- **Event Date:** Friday February 27 and Saturday February 28th, 2015 at **JMU**.

CAPWIC

- Industry Speaker: Mave Houston
- Founder/Head of USER Lab & User Research Strategy
- Capital One
 - Human Computer Interaction
 - Previously Lead User Research at PWC



- Academic Speaker: Dr. Mary Lou Soffa
- Owen. R. Cheatham
- Professor of Computer Science
- University of Virginia
 - Compiler Technology & Software Eng
 - SIGSOFT Influential Educator Award in 2014
 - Ken Kennedy Award in 2012 for Software ENG



MISSOURI ROLLA DLS

- **DLS Host:** Dr. Bushra Anjum
- **Event Date:** 10-11 March 2015
- **Location:** Missouri University of Science and Technology, Rolla, MO
- **Attendees:** N>40
- **Demographics:** Female (60%); Male (40%); >25 Underrepresented

- **Speakers**
- Dr. Patricia Lopez, Platform Engineer
- Intel

- Dr. Bhavani Thurasingham, Professor and Executive Director of Cybersecurity Research
- UT Dallas

Distinguished Lecture Series

Presented by

Missouri S&T Computer Science

Speaker

March 11 2015



10:00 am @ Toomey Hall 140

Dr. Bhavani Thuraisingham
Professor and Executive Director Cyber Security
Research Center, UT Dallas

This presentation will describe our research and development efforts in assured cloud computing for the Air Force Office of Scientific Research. We have developed a secure cloud computing framework as well as multiple secure cloud query processing systems. Our framework uses Hadoop to store and retrieve large numbers of RDF triples by exploiting the cloud computing paradigm and we have developed a scheme to store RDF data in a Hadoop Distributed File System.

Speaker

11:00 am @ Toomey Hall 140

Dr. Patricia Lopez
Platform Applications Engineer
Intel Corporation



Dr. Patty Lopez will provide a brief introduction into the field of Wearables and how they are used across a wide range of applications, including health, medical, fashion, safety, prosthetics, highlighting the importance of user centered design. She will discuss some of the current challenges, including technology convergence, security, and privacy, power management, comfort, and appeal.

MISSOURI ROLLA DLS



MISSOURI ROLLA DLS



MISSOURI ROLLA DLS



MISSOURI ROLLA DLS SPEAKERS & HOSTS





2ND NATIONAL WOMEN IN CYBSERSECURITY (WICYS)

- **DLS Host:** Ambareen Siraj, Faculty at Tennessee Tech University
- **Event Date:** on March 27-28, 2015 as the dates for the CRA-W/CDC Distinguished Lecture at the
- **Location:** 2nd National Women in Cybsersecurity (WiCyS) in Atlanta, GA
- **Attendees:** N=500
- **Demographics:** Female (99%); Male (1%); >10 Underrepresented

- **Speakers:**
- **Distinguished Academic Speaker:** Barbara Endicott-Popovksy
Director, Center for Information Assurance and Cybersecurity at The University of Washington

- **Distinguished Industry Speaker:** Carrie Gates
Senior Distinguished Engineer and Chief Scientist Dell Research

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- **Distinguished Industry Speaker:**
- Carrie Gates - Security
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Chief Scientist Dell Research



2ND NATIONAL WOMEN IN CYBERSECURITY (WICYS)



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2015 CONFERENCE ON FLICKR



Join us in Atlanta, GA for WiCyS, March 27-28, 2015.

UPCOMING TENTATIVE DLS EVENTS

- Alabama WIC
- CAPWIC
- 3rd National Women in Cybersecurity (WiCyS)
- MinneWIC
- STARS Conference 2015; Respect Conference 2015
- Kentucky (KY-TRIWIC)

MISC. BPC AT STARS, ADMI, NSBE, TAPIA

■ ADMI

- **Dates:** March 2014 & 2015; Location: Atlanta 2015.
- **Attendees:** >75
- **Conference Mission:**
- Support the professional development of faculty and student at minority institutions.
- **Demographics:** (99% AA)

■ STARS Celebration 2014 & planned 2015

- **Dates:** August 2014
- **Location:** Arlington, Virginia
- **Attendees:** N>300 over 42 institutions
- **Conference Mission:**
- Support professional development and community-building opportunities, which are provided to students and faculty through partnerships with iAAMCS, DLS, and the STARS Celebration. Targeted presentation also provided at STARS celebration to provide detailed information about graduate school.
- **Demographics:**
- Female (58%)
- African American (48%); Caucasian (36%); Hispanic American (7%); Asian (6%); Other (3%)
- Male (42%)
- African American (31%); Caucasian (47%); Hispanic American (7%); Asian (6%); Other (9%)

MISC. BPC INITIATIVES

- Supporting Summer Camps
 - Alice Computer Camp & Lego AdVenture – Elementary; N>30
 - Boys & Girls Clubs in Auburn and Opelika Alabama –K-7; N>20
 - Middle School Engineering Day - Drake Middle School N>300
 - Junior Tiger Camp Auburn N>28
 - Girls in Computing Camp – 8th-9th ;N>24
 - Tiger Camp Auburn 9-11th ; N>36
 - Engineering Day – Auburn University; N>3000

IAAMCS PH.D. RESEARCHERS

- Dr. Justus Nyagwencha – Ph.D. CS
- Dr. Albanie Bolton – Ph.D. CS
- Cheryl Swanier – Ph.D. CS Candidate
 - Anticipated Graduate Date - Summer 2015
- Candice Adams – Ph.D. CS Candidate
 - Anticipated Graduate Date - Summer 2015
- Cathy Bailey – Ph.D. CS Candidate
 - Anticipated Graduate Date – Fall 2015
- Undergraduate
 - Donovan Jordan
 - Olabode Anise '15 - (DREU – Summer 2014) – Student research this year.
 - Applied to Graduate School**
 - Won GEM fellowship
- Summer DREU Researchers Complete BSCS
 - Cecili '14**, Jonathan '14, Andre'15 - May 2014 or 2015
 - Applied to Graduate School