



Scholarship for Women Studying Information Security (SWSIS) Awards for 2018-19 Academic Year

Mary Ellen Zurko

Applied Computer Security Associates, Inc.

scholarships for women
SWSIS
studying information security



What is ACSA?

- Non-profit sponsor of ACSAC, NSPW, and other security workshops
- Run by a board of 14 unpaid members
 - Marshall Abrams (Founder)
 - David Balenson, SRI International
 - Matt Bishop, UC Davis
 - Gabriela Ciocarlie, SRI International
 - Jeremy Epstein, National Science Foundation (President)
 - Daniel Faigin, The Aerospace Corporation (Secretary)
 - Carrie Gates
 - Ann Marmor-Squires, The Sq Group (VP)
 - Charlie Payne, Adventium Labs
 - Harvey Rubinovitz, MITRE (Treasurer)
 - Steve Schwab, USC ISI
 - Cristina Serban, AT&T Security Research Center
 - Robert Zakon, Zakon Group LLC
 - Mary Ellen Zurko, MIT Lincoln Laboratory
- More info at www.appliedcomputersecurity.org

ACSA Mission

The Applied Computer Security Associates (ACSA) is a non-profit association of computer security professionals who have a common goal of improving the understanding, theory, and practice of computer security. To this end, ACSA supports a number of activities, all of which serve the goal of improving the computer security field.

The SWSIS Program

- Goal is to encourage women studying information security by providing assistance at the formative stages of their careers in this field
- Scholarships up to \$10K for women in junior/senior year or masters program
- Focus on any aspect of information security
- Applicant review/selection by CRA Committee on the Status of Women in Computing Research (CRA-W)
- Co-funding by Hewlett Packard Enterprise and Symantec
- ACSAC travel support from Charles Koch Institute



CRA-W

Computing Research
Association
Women



**Hewlett Packard
Enterprise**



Symantec

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Who?

- The ACSA SWSIS Team

- Jeremy Epstein, National Science Foundation, chair
- Ann Marmor-Squires, The Sq Group
- Cristina Serban, AT&T
- Mary Ellen Zurko, MIT Lincoln Laboratory

- The CRA-W Team

- Rebecca Wright, Rutgers (chair)
- Terry Benzel, University of Southern California
- Marina Blanton, University at Buffalo
- Diana Burley, George Washington University
- Melissa Chase, Microsoft
- Tadayoshi Kohno, University of Washington
- Daniela Oliveira, University of Florida
- Zachary Peterson, Cal Poly, San Luis Obispo
- Bhavani Thuraisingham, University of Texas at Dallas



Rebecca Gurley Bace Memorial Scholarship

- In memory of Becky Bace, mentor, inventor, and entrepreneur, and long-time ACSAC attendee
- This years recipient: Dorcas Kosgei
- Read about Dorcas (and other SWSIS scholars), as well as how to contribute, at www.swsis.org



2018-19 results

- 75 complete submissions
- 13 SWSIS Scholars from (*italics are at ACSAC*):
 - *Rawan Al-Shaer, University of North Carolina at Charlotte*
 - *Kingberli Capellan, Kean University of New Jersey*
 - *Maria C. Chukwuma, George Washington University*
 - Dorcas Kosgei, Columbia Basin College
 - Andrea Ndubizu, Boston University
 - Jenna Pardi, State University of New York at Albany
 - Amanda Perkins, Norwich University
 - *Yulini Persaud, Carnegie Mellon University*
 - *Keaira Philogene, University of Tampa*
 - Ayesha Rizvi, City University of New York
 - *Carolyn Solimine, University at Albany*
 - Alyssa Jo Tice, Pennsylvania State University
 - Shaya Wolf, University of Wyoming

Introducing Rawan Al- Shaer

- Education: Junior at University of North Carolina at Charlotte, double major in CS - Cybersecurity and Math - Statistics
- Interest areas: Statistical machine learning for malware and APT analysis, and logic based reasoning for attack detection
- After Bachelors: After graduation in May 2020, she looks forward to pursuing cybersecurity in graduate school



Introducing Kingberli Capellan

- Education: Senior in Computer Science at Kean University in NJ
- Interest areas: Cybersecurity
- After Bachelors: Applying to grad school for a Masters in Cybersecurity
- Awards: Grace Hopper Scholar 2018, scholarships to attend the Tapia and Women in Cybersecurity conferences
- Hobbies: Loves to read fiction and historical books in her free time



Introducing Maria C. Chukwuma



- Education: Second year master's program in Information Systems and Technology at George Washington University, DC
- Interest areas: Network and Cyber Security
- After Graduation: Move into InfoSec
- " I am a Catholic nun, of the Daughters of Divine Love Congregation"



Introducing Yulini Persaud

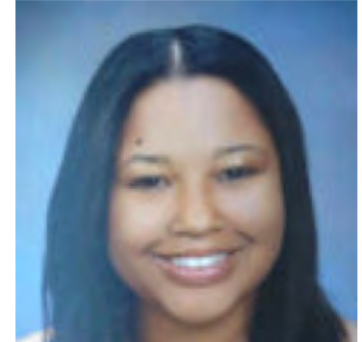


- Education: First-year M.S. Information Security Policy and Management student at Carnegie Mellon University - Heinz College
- Interest areas: Penetration testing and forensics
- After Graduation: “Expected graduation in 2020, hoping to work for a defense contractor!”



Introducing Keaira Philogene

- Education: Senior at the University of Tampa studying Cybersecurity with a minor in Management Information Systems
- Interest areas: a career in IT Risk Advisory and/or Consulting
- After Bachelors: Graduating in May of 2019, hoping to pursue an MBA with a technical concentration
- Hobbies: In her free time she loves to dance, laugh and just have fun with the people she loves



Introducing Carolyn Solimine

- Education: Senior at University at Albany, SUNY, focusing on digital forensics and criminal justice, minor in emergency preparedness/homeland security/cyber security
- After Bachelors: After graduation in May 2019, “looking for a job or a graduate program and start saving the world”
- Hobbies: Volunteer as an Emergency Medical Technician for on-campus student-run volunteer ambulance service “... and studying of course”



What can you do?

- Apply to be a SWSIS Scholar
- Spread the word about the program
- Encourage your employer to co-fund
- Mentor/recruit our SWSIS Scholars

2019-20 program

- Applications accepted Dec 15 2018-Feb 1 2019
- More info on eligibility and applications at <http://www.swwsis.org>
- Thank you to Craig Newmark Foundation, SANS, and CRA-W!



CRA-W

Computing Research
Association
Women

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