Explore Computing Research - PR

Promoting the participation of Hispanic Females in CS, CE, SwE in Undergraduate Research

March 16 -17, 2019, Mayaguez, PR

Why explore computing research?

Undergraduate research experiences are a high impact educational practice that benefits students in a wide range of aspects: increased retention, improved communication skills, development of ability of work independently, and increased confidence among others. For female undergraduate students in computing these benefits are strong since they can envision themselves in roles as researchers and can get encouragement from peers and see other women as role models.

The Explore Computing Research Conference PR will prepare women studying undergraduate degrees in Computer Science, Computer Engineering, and Software Engineering in Puerto Rico to apply for Research Experience for Undergraduates summer opportunities. Students will learn about undergraduate research and its benefits, will listen to faculty and graduate students about

their path into becoming researchers and how to get into graduate school, and promote the participation of women in these opportunities. In this 1 ½ day conference, participants will network with peers and faculty and learn about the life of a graduate student in computing.

We encourage students from UPR Mayaguez, UPR Arecibo, UPR Rio Piedras, UPR Bayamon, Polytechnic University of PR, and Interamerican University to contact their CAHSI (Computing Alliance of Hispanic Serving Institutions) faculty to apply for this opportunity.

- UPRM: Nayda Santiago (naydag.santiago@upr.edu)
- UPRA: Eliana Valenzuela (eliana.valenzuela@upr.edu)
- UPRRP: Rafael Arce (rafael.arce@upr.edu)
- UPRB: Nelliud Torres (nelliud.torres@upr.edu)
- PUPR: Alfredo Cruz (alcruz@pupr.edu)
- Inter Bayamon: Wilson Lozano (wlozano@bayamon.inter.edu)

Explore Computing Research PR will have a **Pre conference Seminar** to talk about open REU opportunities for undergraduate students. Speakers: Nayda Santiago and Eliana Valenzuela.

- January 25, 2019 - UPR Mayaguez, Mayaguez, PR, 5:00pm - 6:30pm
- January 26, 2019 - Polytechnic University of PR, San Juan, PR - 9:00am to 10:30am

Participants who attend the conference and apply to REU will receive a gift card for the amount of $50.00. Evidence of REU applications must be provided. Students who do not live near Mayaguez will be provided housing in the Mayaguez area.

Sponsors

Google is sponsoring Fifteen Explore Computing Research conference across the US. CAHSI is sponsoring two of them.

We welcome sponsors

Possible sponsors should contact Dr. Nayda Santiago (naydag.santiago@upr.edu) or Eliana Valenzuela (eliana.valenzuela@upr.edu) for additional information. Your Sponsorship will allow the participation of more students.

Schedule

Saturday	Sunday
Essential Elements of Research	Idea Generation in Research
The path into Graduate School	Preparing a Portfolio and Applying for Fellowships
A talk with Sylmarie, PhD student	
Mindset	

Speakers:

- Nayda G. Santiago, Computer Engineering, Professor, University of Puerto Rico, Mayaguez
- Eliana Valenzuela, Computer Science, Associate Professor, University of Puerto Rico, Arecibo
- Graciela Perera, Computer Science, Associate Professor, Northeastern Illinois University
- Kathleen Kanemoto, Computer Science, Professor, Merced College
- Carmen Bellido, Education Professor, Teacher Preparation Program, UPR Mayaguez
- Sylmarie Davila, PhD Student, Michigan State University
- Zayira Jordan, Computer Science, Professor, Polytechnic University of Puerto Rico