

The Alliance for Diversity in Science and Engineering
invites you to the 5th

Young Researcher Conference



at the University of Maryland
on
September 29th, 2018



A **FREE** conference for students to showcase their research and expand their professional networks. The conference will be one day packed with fascinating talks from both professors and students, as well as a poster session, and an intro to coding workshop. Come join us this fall!

Register now at <https://www.allianceinscience.org/ycr-register>

Invited Speakers



Rigoberto Hernandez, PhD
Professor of Chemistry
Johns Hopkins University
Director of OXIDE



Christina Woo, PhD
Assistant Professor of Chemistry
Harvard University



Seena Ajit, PhD
Assistant Professor of Pharmacology and
Physiology Drexel University



Gloria Washington, PhD
Assistant Professor of Computer Science
Howard University

Lunch-and-Code

Do you wish to perform data analysis more efficiently? Would you like to create visually engaging plots and figures of your research? Come to this interactive 45-minute workshop for STEM researchers, which will introduce the basics of python coding and cover how to acquire some of the foundational coding skills often useful in difficult and uncertain job markets.



Pratyush Tiwary, PhD
Assistant Professor of Chemistry
University of Maryland

With Thanks to our Sponsors



DEPARTMENT OF
CHEMISTRY & BIOCHEMISTRY

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COLLEGE OF
COMPUTER, MATHEMATICAL,
& NATURAL SCIENCES



THE
GRADUATE SCHOOL

Young Researcher Conference

Speaker List:



Rigoberto Hernandez, PhD

Professor of Chemistry, Johns Hopkins University

Dr. Hernandez's research interests include exact transition state theory, nonequilibrium chemical dynamics and sustainable nanoparticles. He also serves as the Director of the Open Chemistry Collaborative in Diversity Equity (OXIDE).

Christina Woo, PhD

Assistant Professor of Chemistry, Harvard

The Woo lab studies small molecules, which are a primary means of regulating biological processes by both endogenous cellular processes and exogenous therapeutics, using a mass spectrometry-based method to structurally characterize where these small molecules are acting and shed light on how small molecules influence the global proteome.



Seena Ajit, PhD

Assistant Professor of Pharmacology and Physiology, Drexel University

The Ajit Lab is interested in pursuing various aspects of epigenetics including DNA methylation, histone modifications, and RNA-mediated gene silencing, all aimed at understanding the molecular mechanisms underlying pain.



Gloria Washington, PhD

Assistant Professor of Computer Science, Howard University

The Affective Biometrics Lab and performs research on affective computing, biometrics and human-centered computing. Before coming to Howard University, Dr. Washington was an Intelligence Community Postdoctoral Research Fellow in the Department of Computing Science at Clemson University.

