

16th ANNUAL UHD STUDENT RESEARCH CONFERENCE

Sponsored by the UHD Scholars Academy

Funded by the

National Science Foundation (0934913),
U.S. Department of Education (P120A130040),
U.S. Nuclear Regulatory Commission (NRC-27-10-1121;
NRC-HQ-84-14-G-0028; NRC MSIP HQ-7P-15-G-0003),
The Brown Foundation, Inc., College of Sciences & Technology, and UH-Downtown



A showcase of academic excellence demonstrated by UHD undergraduates majoring within the Colleges of Business, Humanities and Social Science, Public Service, and Sciences and Technology.

Friday, April 7, 2017

8:00 – 8:45 am	Registration and Continental Breakfast (UHD Coffee House)
8:45 – 9:15 am	Welcoming Remarks (Cullen Auditorium) – <i>Dr. Mary Jo Parker, Scholars Academy, Executive Director, UHD</i> <i>Dr. Michael Olivas, Interim President, UHD</i> <i>Mr. Ed Hugetz, Provost, UHD</i> <i>Dr. Akif Uzman, Dean, College of Sciences and Technology, UHD</i>
9:15 – 9:30 am	Introduction of SRC Committee Chairs and Members Introduction of other special guests
9:30 – 9:35 am	Introduction of Keynote Speaker – <i>Dr. Jerry E. Johnson Jr., Assistant Vice President, Research & Sponsored Programs</i>
9:35 – 9:50 am	Keynote Speaker – Dr. Elda M. Rueda, UHD Alumna
9:50 – 12:00 pm	Oral Presentations – <i>Emilia Caylor</i> - Inherited Zircon Ages as a “Fingerprint” of Granite Source Regions <i>Jacqueline Rocha</i> - Antibiotic Sensitivity of Bacteria in Single- and Multi-Species Communities <i>Daniel Salazar</i> - The Waste Collector <i>Linus Klingler & Zakariya Mahmood</i> - An Analogue of Indolyl-keto-oxadiazole Exhibits Cytotoxic Effects on Multiple Cancer Cell Lines and Causes Apoptosis via Inhibition of Tubulin Polymerization <i>Jessica Galaviz</i> - Interactive Math Journals for Elementary Students <i>Paula Calderon</i> - True Happiness: A Study of Spiritual Need and Subjective Well-Being <i>Manuel Reyes-Leon</i> - Anticancer Effects of Green Basil Extracts on MCF-7 Breast Cancer Cells <i>Paula Cano</i> - Children of Hunger
12:00 – 12:05 pm	Introduction of External Community Speaker – <i>Dr. Janusz Grebowicz, Associate Professor of Physics, Department of Natural Sciences, UHD</i>
12:05 – 12:20 pm	External Community Speaker – Dr. Wacław Gudowski, Professor in Neutron and Reactor Physics at Kungliga Tekniska Högskolan (KTH) - The Royal Institute of Technology in Stockholm, Sweden
12:20 – 1:30 pm	Complimentary Box Lunch for Presenters (oral/poster) & Faculty Mentors Welcome Center – Travis and Milam rooms
1:30 – 3:00 pm	Open Poster Sessions I & II, (Room A300)
3:30 – 4:30 pm	Post SRC Seminar and Meet & Greet with Dr. Wacław Gudowski (Cullen Auditorium) Refreshments will be served in the Coffee House

Conference Co-Chairs:

Dr. Ruth Johnson, Associate Professor of Psychology, UHD
Dr. Rachna Sadana, Associate Professor of Biology, UHD

Conference Planning Committee:

Dr. Kleio Avrithi, Associate Professor of Computer Science & Engineering, UHD
Dr. Maria Bhattacharjee, Associate Professor of Urban Education, UHD

Dr. Youn-Sha Chan, Associate Professor of Mathematics and Statistics, UHD

Dr. Irene Chen, Professor of Urban Education, UHD
Dr. Poonam Gulati Salhotra, Director of the Center for Community Engagement and Service Learning, UHD
Dr. Judith Harris, Assistant Professor of Criminal Justice, UHD
Dr. Jillian Hill, Assistant Professor of English, UHD
Dr. Mian Jiang, Associate Professor of Chemistry, Natural Sciences Department, UHD

Dr. Kenneth Johnson, Associate Professor of Geology, UHD

The UHD Scholars Academy (SA) is an academically competitive program in the College of Sciences and Technology (CST) that promotes scholarship and student success for undergraduate students majoring in Science, Technology, Engineering and Mathematics (STEM).

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