16th Annual
UHD Student Research Conference
Sponsored by the UHD Scholars Academy
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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) –
Dr. Mary Jo Parker, Scholars Academy, Executive Director, UHD
Dr. Michael Olivas, Interim President, UHD
Mr. Ed Hugetz, Provost, UHD
Dr. Akif Uzman, Dean, College of Sciences and Technology, UHD

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 –
Dr. Jerry E. Johnson Jr., Assistant Vice President, Research & Sponsored Programs

9:35 – 9:50 am Keynote Speaker – Dr. Elda M. Rueda, UHD Alumna

9:50 – 12:00 pm Oral Presentations –
Emilia Caylor - Inherited Zircon Ages as a “Fingerprint” of Granite Source Regions
Jacqueline Rocha - Antibiotic Sensitivity of Bacteria in Single- and Multi-Species Communities
Daniel Salazar - The Waste Collector
Linus Klingler & Zakariya Mahmod - An Analogue of Indolyl-keto-oxadiazole Exhibits Cytotoxic Effects on Multiple Cancer Cell Lines and Causes Apoptosis via Inhibition of Tubulin Polymerization
Jessica Galaviz - Interactive Math Journals for Elementary Students
Paula Calderon - True Happiness: A Study of Spiritual Need and Subjective Well-Being
Manuel Reyes-Leon - Anticancer Effects of Green Basil Extracts on MCF-7 Breast Cancer Cells
Paula Cano - Children of Hunger

12:00 – 12:05 pm Introduction of External Community Speaker –
Dr. Janusz Grebowicz, Associate Professor of Physics, Department of Natural Sciences, UHD

12:05 – 12:20 pm External Community Speaker – Dr. Waclaw Gudowski, Professor in Neutron and Reactor Physics at Kungliga Tekniska Hogskolan (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. Waclaw 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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