

# 15<sup>TH</sup> 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 8, 2016

8:00 - 8:30 am	Registration and Continental Breakfast, Coffee House
8:30 am	<i>Dr. Mary Jo Parker, Director, Scholars Academy, UHD</i>
	Introduction <i>Dr. Michael Olivas, Interim President, University of Houston-Downtown</i>
8:35 am	Welcoming Remarks, UHD Interim President
8:40 am	<i>Dr. Akif Uzman, Dean, College of Sciences and Technology, UHD</i> <i>Dr. Barry Garrett Endowed Scholarship 2016 Recipient – James McHenry</i>
	Recognition of Family and the Student Recipient
9:00 am	<i>Ed Hugetz, Provost, University of Houston-Downtown</i> Welcoming Remarks on High Impact Activities, Auditorium
9:10 am	<i>Dr. Poonam Gulati Salholtra, Interim Director of the Center for Community Engagement and Service</i> Introduction of Keynote Speaker, Auditorium
9:15 am	<b><i>Claudia Jimenez Sturman, Ph.D., UHD Alumnus</i></b>
9:45 am-	Oral Presentations, Auditorium
11:15am	Introductions by <i>Drs. Weining Feng and Chynette Nealy, SRC Co-Chairs</i>
11:30pm	<i>Dr. Mary Jo Parker, Director, Scholars Academy, UHD</i> Introduction of External Community Speaker <i>Ms. Tuwanda Smith, Program Manager Nuclear Regulatory Commission</i>
11:45 pm	Lunch Break
1:15 - 3:15 pm	Open Poster Sessions, Room A300
3:15 – 4:00 pm	Conference check out; Conference E-post survey; Conference gift

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## Conference Co-Chairs:

**Dr. Weining Feng, Associate Professor of Engineering Technology, UHD**  
**Dr. Chynette Nealy, Associate Professor of Business Administration, UHD**

## Conference Planning Committee:

**Dr. Maria Bhattacharjee, Associate Professor of Urban Education, UHD**  
**Dr. Irene Chen, Professor of Urban Education, UHD**  
**Dr. Akif Uzman, Dean, College of Science and Technology, UHD**  
**Dr. Matthew Johnson, Assistant Professor of Criminal Justice, UHD**  
**Dr. Ruth Johnson, Associate Professor of Social Sciences, UHD**  
**Dr. Hong Lin, Professor of Computer Science, UHD**  
**Dr. Michelle Moosally, Chair of English Department, UHD**  
**Dr. Lisa Morano, Professor of Biology, Natural Sciences Department, UHD**  
**Dr. Mary Jo Parker, Executive Director, UHD Scholars Academy**  
**Dr. Lucille Pointer, Chair of Management, Marketing & Business Administration, UHD**  
**Dr. Edwin Tecarro, Associate Professor of Mathematics, UHD**  
**Dr. Poonam Gulati, Interim Director of the Center for Community Engagement and Service, UHD**  
**Professor Mitsue Nakamura, Lecturer of Mathematics and SA Peer Mentor Coordinator, UHD**  
**Julie Norton, Executive Director of Strategic Partnerships, Office of the President, UHD**



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### Oral Presentations:

Aziz, Asma	<i>Plastic Degradation by Marine Microbes</i>	Dr. Poonam Gulati Salhotra	UHD
Bitgood, Maria	<i>Foodservice Quality and Satisfaction: A Preliminary Study on Attitudes About Foodservice in a Correctional Facility</i>	Lt. Daniel Quam	Fort Bend County Sheriff's Office
Buyts, Christopher	<i>Far From Home: Using Distance from Home as an Indicator of Human Trafficking in Prostitution Arrests</i>	Dr. Rebecca Pfeffer	UHD
Donalson, Sonya	<i>Do people notice facial changes more within their own race or gender?</i>	Dr. Ruth Johnson	UHD
Escobar, Hernan	<i>Does Power Make One Moral? The Influence of Power on Moral Decisions in Video Games</i>	Dr. Travis Crone	UHD
Holbert, Ashlyn	<i>Bat Invasion of the Hawaiian Islands</i>	Dr. Amy Baird	UHD
Mathis, Justin	<i>Environmentally Assisted Fatigue Evaluation for Nuclear Piping</i>	Dr. Kleio Avrithi	UHD

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#### **Claudia Jimenez Sturman, PhD, UHD and Scholars Academy Alumnus, 2008**

Currently, I am working as a Research Scientist at **Gene by Gene** and transitioning into my new position as Assistant Laboratory Director. Gene by Gene started as a DNA-based ancestry and genealogy company (Family Tree DNA) and now has expanded to provide clinicians and patients with access to a variety of clinical and research genetic tests. I first move to the United States in 2003 and joined UHD as an ESL student at the UHD English Language Institute. That same year I enrolled as an undergraduate student at UHD and graduated *Magna cum laude* in 2008 with a B.S degree in Microbiology and minors in Biology and Chemistry. At UHD I had the privilege to work in the laboratory of Dr. Poonam Gulati who taught me the basic principles of research and became my science mentor. In 2007, I was selected to participate in a student exchange program that took me to Poland. The work done at the Technical University of Lodz was published in 2009. In 2008 I earned the Excellence in Microbiology Academic Award and became the first recipient of the Joan Abramowitz Undergraduate Research Scholarship which gave me the opportunity to work with an international leader in Anthrax research at the University of Texas Health Science Center in Houston. On January 2009 I was admitted to the Graduate School of Biomedical Sciences at the University of Texas-HSCH and graduated with a Ph.D. in Microbiology and Molecular Genetics on May 2014. At UT-HSC-H I work with Dr. Michael Lorenz, Ph.D. studying the interactions between the fungal pathogen *Candida albicans* and the mammalian innate immune system. As a Ph.D. student I had the opportunity to present my work at national and international conferences and to publish my work in different peer reviewed journals.



#### **Ms. Tuwanda Smith, Esquire**

##### **Program Manager, Nuclear Regulatory Commission**

Outreach and Compliance Coordination Program Manager, Small Business, Outreach, and Compliance Coordination Directorate, Office of Small Business and Civil Rights, United States Nuclear Regulatory Commission

This presentation will be delivered using UHD ZOOM Conferencing capabilities.

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## Poster Presentation Session I (1:30PM – 2:30PM)

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1

### **The Impact of Psychoeducation on Perceptions of Therapy Among African American Parents**

Aguirre, Yesenia

Bailey, Janee

Richardson, Jasmine

Erlanger Turner, turnere@uhd.edu

University of Houston-Downtown

2

### **Project VegOut: Cultivating Fresh Ideas for a Healthier Lifestyle**

Alvarez, Stephanie

Wigrys, Ashley R.

Byars, Thomara C.

Creshema Murray

University of Houston-Downtown

3

### **Educating Latinos About Mental Health Practices to Decrease Stigmatic Attitudes and Fears**

Arrisola, Shani

Pena, Oscar

Erlanger Turner, turnere@uhd.edu

University of Houston-Downtown

4

### **Plastic Degradation by Marine Microbes**

Aziz, Asma

Trung, Le D.

Poonam Gulati Salhotra, gulatip@uhd.edu

University of Houston - Downtown

5

### **A Study on the Integration and Functionality of Prosthetics**

Barrera, Iliana

Garza, Ana

Suhaimi, Irisha

Mitsue Nakamura, nakamuram@uhd.edu

University of Houston-Downtown

6

### **Factors Associated with Acceptance of Non-Parental Discipline**

Bashorun Opeyemi

Clark Jonathan

Hogan Lorna

Susan M. Henney, henneys@uhd.edu

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7

**The Study of VBH-Compound Series on Cancer Cells**

Bure, Nuru

Sadana Rachna, sadanar@uhd.edu

University of Houston Downtown

9

**Synthesis of New Copper Bimetallic Complexes**

Bustamante, Michael

Eszter Trufan, trufane@uhd.edu

University of Houston- Downtown

11

**A Test a Day Makes the Forgetting Go Away: Why Instructors Should Give More Tests**

Caamano, Silvia

Medina, Krystal

Kit Cho, chok@uhd.edu

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13

**Actuarial Mathematics: Models and Observations on 2010 Life Table for United States of America**

Castleberry, Zachary

Sergiy Koshkin, koshkins@uhd.edu

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15

**Design and Automation of a Two Phase Separator**

De Leon, Julio

Wrightson, Westley

Chan, Wymond

Vassilios Tzouanas, tzouanasv@uhd.edu

University of Houston Downtown

8

**Bioinformatics discovery of dense and active subnetworks conserved across multiple cancers**

Bustamante, Gabriel

Segura, Ana

Benjamin Soibam, soibamb@uhd.edu

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10

**Far From Home: Using Distance from Home as an Indicator of Human Trafficking in Prostitution Arrests**

Buys, Christopher

Rebecca Pfeffer, PfefferR@uhd.edu

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12

**Anticancer Effects of Turmeric**

Carcamo-Bahena, Yareli

Tyra Hessel, montgomeryt@uhd.edu

Hamida Qavi, qavih@uhd.edu

University of Houston - Downtown

14

**Creating a MATLAB GUI for Geometry in Two and Three Dimensions**

Chheang, Putra

Timothy A. Redl, Redlt@uhd.edu

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16

**Study of genetic basis of the Exploration Behavior of hybrids between two Drosophila species using DNA extraction and Polymerase chain reaction techniques**

Dhadral, Rajni

Okon, Connie

Maria Frausto

Yuan Kang, kangy@uhd.edu

Gregg Roman

University of Houston Downtown

University of Houston - Main Campus

17

**Do people notice facial changes more within their own race or gender?**

Donalson, Sonya

Ruth Johnson, johnsonru@uhd.edu

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19

**Enhancing awareness and knowledge of genetically modified organism (GMO) food in the UHD community: lab results**

Duhon, Kaleb

Quijano, Desaree D.

Yuanyuan Kang, KangY@uhd.edu

Meghan Minard, minardm@uhd.edu

Mehdi Esmaeiliyan, esmaeiliyanm@uhd.edu

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21

**Theoretical Study of Ni(II) and Pd(II) Thiosemicarbazone Complexes using Density Functional Theory**

Olea, Maria

Maria Benavides, benavidesmar@uhd.edu

University of Houston-Downtown

23

**A convenient synthetic approach for the preparation and purification of chiral 6,6'-Diamino-1,1'-binaphthalene-2,2'-diol**

Heidlas, Julius

Robin Jose, joser@uhd.edu

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18

**Stress Driving**

Douhou, Mauro

Dvijesh J. Shastri, shastrid@uhd.edu

University of Houston-Downtown

20

**Does Power Make One Moral? The Influence of Power on Moral Decisions in Video Games**

Escobar, Hernan

Travis Crone, cronet@uhd.edu

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22

**Manipulator Arm Control Using Arduino Microcontroller**

Gonzalez, Jose Miguel

Weining Feng, fengw@uhd.edu

University of Houston - Downtown

24

**The Effects of High Temperature Thermal Conditioning of Oil Shale from the Green River Formation**

Hernandez, Zephaniah

Janusz Grebowicz, grebowiczj@uhd.edu

University of Houston Downtown

- 25  
**Investigating the Inhibition of Streptococcus mutans with Saffron Extract**  
Ho, Phuong  
Poonam Gulati Salhotra, gulatip@uhd.edu  
University of Houston Downtown
- 26  
**Bat Invasion of the Hawaiian Islands**  
Holbert, Ashlyn  
Amy Baird, bairda@uhd.edu  
University of Houston-Downtown
- 27  
**UHD Veg Out 2015: A Healthy Lifestyle Experience**  
Horton, Quincy  
Creshema Murray, Murraycr@uhd.edu  
University of Houston Downtown
- 28  
**Atypical Tractography in Children Sustaining Traumatic Brain Injury at a Young Age: The Possible Role of Plasticity**  
Hyseni, Ilirjana  
Elizabeth A.Wilde, ewilde@bcm.edu  
Baylor College of Medicine
- 29  
**Geology and the Statecraft World Politics Simulation**  
Jones, Chadwick  
John Linantud, linantudj@uhd.edu  
University of Houston Downtown
- 30  
**Do Guns Contribute to or Prevent Violence: Implications for SB11**  
Jones, Katelyn  
Baez, Jessica  
Castro, Mariela  
Kristin Anderson, andersonk@uhd.edu  
University of Houston Downtown
- 31  
**Concrete Canoe Project**  
Karasev, Danil  
Mohamed, Ayman  
Arash Rahmatian, rahmatiana@uhd.edu  
University of Houston - Downtown
- 32  
**Assessment of Atmospheric Particulate Matter in Greater Houston Area**  
Kennedy, Kristin  
Pope, J. Marie  
Serrano, Leydi  
Penny Morris Smith, smithp@uhd.edu  
Philip C Lyons, LyonsP@uhd.edu  
University of Houston-Downtown

- 33  
**Computation Studies of Copper (II) Complexes in Nuclear Medicine**  
Khalil, Hera  
Maria Benavidas, benavidesmar@uhd.edu  
University of Houston - Downtown
- 34  
**The use of plain language in the banking industry: How has the financial industry complied with the Plain Writing Act 2010?**  
Kindred, Patricia  
Natalia Matveeva, matveevan@uhd.edu  
University of Houston-Downtown
- 35  
**An Analogue of Indolyl-keto-oxadiazole Exhibits Cytotoxic Effects on Multiple Cancer Cell Lines and Causes Apoptosis via Inhibition of Tubulin Polymerization**  
Klingler, Linus  
Rachna Sadana, sadanar@uhd.edu  
University of Houston - Downtown
- 36  
**A Comparative Study of Local Boxing Company for Profit Maximization**  
Kotova, Kseniya  
Dao, Alan  
Johns, J.  
Arabghani, Farnaz  
Velazquez, Rodrigo  
Elias Keedy, keedye@uhd.edu  
University of Houston-Downtown
- 37  
**Applying Plain Language in the Financial Sphere**  
LaPoint, Christina  
Natalia Matveeva, matveevan@uhd.edu  
University of Houston Downtown
- 38  
Understanding Role of Meditation in Human Performance  
Liang, Lin  
Dvijesh Shastri, shastrid@uhd.edu  
University of Houston-Downtown
- 39  
**Study of Partial Differential Equation in Petroleum Engineering**  
Llanas, Crystal  
Katarina Jegdic, jegdick@uhd.edu  
University of Houston Downtown
- 40  
**A Novel Synthesis of a Polymerizable Catanionic Surfactant**  
Luu, Nguyen  
Teslenko, Alina  
Robin Jose, joser@uhd.edu  
University of Houston- Downtown
- 41  
**Novel spectroscopic and electrochemical determination for water bound environmental contaminants**  
Luu, Nguyen  
Mian Jiang, jiangm@uhd.edu  
University of Houston- Downtown
- 42  
**STEM Related Project Demonstrations to Underprivileged Youth**  
Macedo, Arturo  
Viana, Glaubyane  
Bure, Nuru  
Mary J. Parker, parkerm@uhd.edu  
University of Houston-Downtown



43

**Anticancer Efficacy of Components in Saffron Stems and Sticks on Breast Cancer Cells**

Mann, Nena

Hamida Qavi, qaviH@uhd.edu

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44

**Frito Lay: Quality Packaging and Production Optimization**

Martin, ReNita

Dillard, Kendra

Alvarez, Damaso

Tellez, Alejandro

Elias Keedy, keedye@uhd.edu

University of Houston - Downtown



**Post-Conference Evaluation Survey**



Please complete the electronic Student Research Conference 2016 Post-Evaluation Survey by visiting the following weblink:

[http://uhd.qualtrics.com/SE/?SID=SV\\_6Qk7AGagIPfpgJT](http://uhd.qualtrics.com/SE/?SID=SV_6Qk7AGagIPfpgJT)

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## Poster Presentation Session II (2:30PM – 3:30PM)

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45

**Team-Based Learning Meets SI: How In-Class SI Facilitation Impacts Student Engagement and Performance**

Martinez, Esmeralda

Valdez, Evelyn

Tanu Uppal, uppalt@uhd.edu

University of Houston-Downtown

47

**Environmentally Assisted Fatigue Evaluation for Nuclear Piping**

Mathis, Justin

Kleio Avrithi, avrithik@uhd.edu

University of Houston - Downtown

49

**Deadly Plants**

Miranda, Roberto

Chavez, Victoria

Castro, Carolina

Mitsue Nakamura, nakamuram@uhd.edu

University of Houston- Downtown

51

**Assessment of the Genetic Basis of Exploration Behaviors in Two Drosophila Species**

Okon, Connie

Dhadral, Rajni

Yuan Yuan Kang, Kangy@uhd.edu

University of Houston- Downtown

46

**Anticancer efficacy determination of sulfur compounds from Pearl Garlic**

Martinez, Esmeralda

Hamida Qavi, qavih@uhd.edu

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48

**Do they do what they preach? Comparing Plain Language style guides produced by the Federal Aviation Administration, Federal Communications Commission, and Securities and Exchange Commission**

McAllister, Morgan

Natalia Matveeva, matveevan@uhd.edu

University of Houston-Downtown

50

**Remotely Operated Vehicle Based Exploration of White Oak Bayou, Main Street Campus, University of Houston-Downtown**

Muñoz, Ricky

Alex Barnard alexanderbarnardf@uhd.edu

Phil Lyons, lyonsp@uhd.edu

University of Houston-Downtown

52

**Adaptive Cognition: Does Survival Processing Enhance Visual Search Processes?**

Orellana, Monica

Gordillo, Nathan

Kit Cho, chok@uhd.edu

University of Houston- Downtown

53

**Victims and Victim Blame**

Chea, Connie  
Osborne, Courtney  
Tran, Catherine  
Xiang Jiexin

Cindy Stewart, [stewartc@uhd.edu](mailto:stewartc@uhd.edu)

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55

**Making the Best Westin Homes Sales in Stafford**

Paquinto, Benny  
Bonilla, Kevin  
Carvajal, Monica,  
St. Cyr., Lestroy  
Sinah, Seshank

Elias Keedy, [keedye@uhd.edu](mailto:keedye@uhd.edu)

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57

**Comparing the Diatom Count from 2014 to 2015 Greens Bayou Wetlands Mitigation Bank Data**

Parra, Juangerardo

Brady Hoge, [hogeb@uhd.edu](mailto:hogeb@uhd.edu)

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59

**An iOS App for Brain State Classification**

Perez, Eloy  
Cervantes, Isreal

Hong Lin, [linh@uhd.edu](mailto:linh@uhd.edu)  
Yuchou Chang, [changy@uhd.edu](mailto:changy@uhd.edu)

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62

**Mathematics and Nuclear Science**

Priego-Pineda, Lucero  
Katarina Jegdic, [Jegdick@uhd.edu](mailto:Jegdick@uhd.edu)

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54

**A Signal Processing Tool for OpenBCI**

Ovalle-Zahar, Adrian

Hong Lin, [linh@uhd.edu](mailto:linh@uhd.edu)  
Yuchou Chang, [changy@uhd.edu](mailto:changy@uhd.edu)

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56

**Computer Science: Coding for Flappy Bird App**

Parra, Abigail  
Stevenson, Ameer  
Mary Jo Parker, [parkerm@uhd.edu](mailto:parkerm@uhd.edu)

University of Houston-Downtown  
University of Houston-Main Campus  
Boys and Girls Club - LaPorte

58

**Is it possible to pathologically control nanobots?**

Perez, Moises  
Tran, Paul  
Raveendran, Ashvanthi

Mitsue Nakamura, [nakamuram@uhd.edu](mailto:nakamuram@uhd.edu)

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61

**American Sign Language Translator Using Gesture Recognition**

Perkins, James  
Dvijesh Shastri, [Shastrid@uhd.edu](mailto:Shastrid@uhd.edu)

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63

**Antibiotic Sensitivity of Bacteria in Planktonic, Single Species vs. Multiple Species Biofilms**

Rocha, Jacqueline  
Murillo, Milimar

Poonam Gulati Salhotra, [gulatip@uhd.edu](mailto:gulatip@uhd.edu)

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64

**Algorithms for Identifying Isomorphic Boolean State Transition Functions for Gene Regulatory Networks**

Rodarte, Fernando

Plamen Simeonov, simeonovp@uhd.edu

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66

**Organosulfur Compounds from Regular Garlic Portentously Inhibit Proliferation of MCF-7 cells In-vitro**

Rubio, Linda

Qavi, Hamida, qavih@uhd.edu

Hessel, Tyra, hesselt@uhd.edu

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68

**Home Builders Applying Linear Programming**

Samko, Alina

Brame, Lauren

Romero, Joshua

Aguirre, Jessie

Huang, Cindy

Elias Keedy, keedy@uhd.edu

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70

**Working Coupling**

Stevenson, Ameer

Dvijesh Shastri, shastrid@uhd.edu

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65

**Human Reproductive Cloning: Is it Possible and Justifiable?**

Rodriguez, Pilar

John, Sherin

De La Cruz, Juan

Mitsue Nakamura, nakamuram@uhd.edu

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67

**Allicin Derived Organosulfur Compounds Portentously Decrease Proliferation of MCF-7 Mammary Epithelial Cells In-vitro**

Rubio, Linda

Qavi, Hamida, qavih@uhd.edu

Hessel, Tyra, hesselt@uhd.edu

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69

**Statecraft: The Art of Nation Building**

Garcia, Sarah

John Linantud, linantudj@uhd.edu

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71

**Foodservice Quality and Satisfaction: A Preliminary Study on Attitudes About Foodservice in a Correctional Facility**

Bitgood, Maria

Lieutenant Daniel Quam,

Daniel.Quam@fortbendcountytexas.gov

Fort Bend County Sheriff's Office

72

**Plain language and visual design**

Sudkamp, Jennifer

Natalia Matveeva, MatveevaN@uhd.edu

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74

**Computational Study of Copper(II) and Nickel(II) Citronellal N4-Ethylmorpholine Thiosemicarbazones**

Tep, Chrisna

Maria Benavides, benavidesmar@uhd.edu

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76

**UV-Polymerizable, Neutron Absorbent Coatings: A Feasibility Study**

Torres, Karina

Robin Jose, joser@uhd.edu

University of Houston-Downtown

78

**Investigating a Steady State Thermistor Problem**

Turchaninova, Alisa

Volodymyr Hryniv, hrynivv@uhd.edu

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73

**The human immune response against Staphylococcus aureus virulence factors**

Taktom, Rashidfarokhi

Lukasz, Cupial

Maria Gabriela Bowden, bowdenm@uhd.edu

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75

**Measurement of the human immune response to Staphylococcus aureus virulence factors**

Ton, Nancy

Ton, Nita

Tanisha, Scott

Maria Gabriela Bowden bowdenm@uhd.edu

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77

**Enhancing awareness and knowledge of genetically modified organism (GMO) food in the UHD community: survey results**

Trevino, C. Analia

Gomez, Marisa

Abouzeid, Heidi

Yuanyuan Kang, KangY@uhd.edu

Mehdi Esmaeilian, esmaeilianm@uhd.edu

Meghan Minard, minardm@uhd.edu

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79

**Giving Back to The Community: Advocating STEM through Service Learning Project**

Tychon, Boranai

St.Vallier, Shaynah

Contreras, Yuleisy

Mary Jo Parker, parkerm@uhd.edu

Boys and Girls Harbor at Laport, Texas

Cornelius Elementary School

University of Houston- Main Campus

- 80  
**The Efficacy of the Anticancer Components from Caraway Against Breast Cancer Cells in Vitro**  
Usmani, Momin  
  
Tyra Hessel, hesselt@uhd.edu  
Hamida Qavi, qavih@uhd.edu  
University of Houston-Downtown
- 81  
**Determination of aldehydes by catalytic oxidation**  
Van, Minh  
  
Jiang, Mian, jiangm@uhd.edu  
University of Houston-Downtown
- 82  
**Bioreactor Design, Control and Optimization**  
  
Falar, Steely  
Scott, Allan  
  
Lisa Morano, moranol@uhd.edu  
Vassilios Tzouanas, tzouanasv@uhd.edu  
University of Houston Downtown
- 83  
**Determination of Anticancer Efficacy of Components from Neem Leaves and Black Seeds Using Breast Cancer Cells in Vitro**  
  
Velazquez, Denisse  
Torres, Karina  
Tyra Hessel, montgomeryt@uhd.edu  
University of Houston Downtown
- 84  
**Stressed out: Working Parents' Childcare Satisfaction and Parenting Stress**  
  
White, Tabitha  
Narcisse, Sirena  
Feliciano, Amy  
Susan Henney, henneys@uhd.edu  
University of Houston-Downtown
- 85  
**Thermotropic Properties of Salt-free Catanionic Surfactant Liquid Crystals**  
Willhelm, Daniel  
  
Robin Jose, rjose@uhd.edu  
Janusz Grebowicz, jgrebowicz@uhd.edu  
University of Houston-Downtown
- 86  
**The effects of stimulants on the Brain**  
  
Williams, Charla  
Duong, Anh  
Cabrera, Vanessa  
Mitsue Nakamura, nakamuram@uhd.edu  
University of Houston-Downtown
- 87  
**Impacts of a Drop in Oil Prices**  
  
Wu, Gregory  
Dumas, Kristian  
Patterson, Sarah  
Carder, Robert  
Leonie Karkoviata, karkoviatal@uhd.edu  
University of Houston-Downtown

88

**The role of gender and attitudes in helping victims of intimate partner violence**

Garcia, Daniel  
Bouchachine, Ranwa

Cindy Stewart, [stewartc@uhd.edu](mailto:stewartc@uhd.edu)

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90

**GENETIC DIVERSITY OF BOWHEAD WHALES (BALAENA MYSTICETUS) BASED ON THE SEQUENCES OF THREE MITOCHONDRIAL**

Bailey, Christopher  
Harper, Holly

Amy Baird, [bairda@uhd.edu](mailto:bairda@uhd.edu)

University of Houston-Downtown

89

**The role of domestic violence myths in attributions of perpetrator blame**

Faraji, Zahra  
Jimenez, Jennifer  
Sansa, Kebire  
Tran, Phuong

Cindy Stewart, [stewartc@uhd.edu](mailto:stewartc@uhd.edu)

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91

## Acknowledgements

It is a great pleasure to recognize the many individuals, organizations, and institutions supporting our UHD students in their research endeavors.

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Many students conducted their research during summer research programs on and off-campus. Faculty and staff members of these and other academic institutions, as well as personnel at industrial facilities, have generously supported/mentored our UHD students.

In addition, we would like to thank the UHD faculty and staff who have worked tirelessly to support undergraduate research experiences as well as the UHD staff, faculty and administrators who have helped make this conference a success.

**Thank you for participating in the 15<sup>th</sup> Annual UHD Student Research Conference!**

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**Thanks to the generous supporters of this student conference:**

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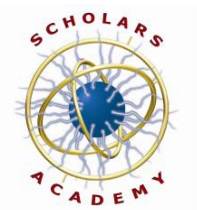
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## Errata Sheet

### Poster Presenters – Session II 2:30 – 3:30PM

71

Foodservice Quality and Satisfaction: A Preliminary Study on Attitudes About Foodservice in a Correctional Facility

Bitgood, Maria

Janice Ahmad, ahmadj@uhd.edu

Daniel Quam, Lt., Daniel.Quam@fortbendcountytexas.gov

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91

Effects of Financial Stress on Employee Well-Being and Performance

Nag, Devalina

Whitney Morgan, morganw@uhd.edu

Sarah Walker, walkers@uhd.edu

University of Houston-Downtown

92

Well-Being among Working College Students

Monsivais, Tabitha

Sims, Lydia

Susan Henney, henneys@uhd.edu

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93

The Women's Resource: *MoneySmart* Evaluation Design

Smith, Caroline

Sarah Singletary Walker, walkersa@uhd.edu

Whitney Botsford Morgan, morganw@uhd.edu

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94

The Women's Resource: *Project LEAD* Evaluation

Patrick Moore, Jr.

Sarah Singletary Walker, [walkersa@uhd.edu](mailto:walkersa@uhd.edu)

Whitney Botsford Morgan, [morganw@uhd.edu](mailto:morganw@uhd.edu)

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95

Seven Potential Anti-Cell Proliferative Drugs Identified from Novel Synthetic Compounds Screened

Valdez, Reyna

Rachna Sadana, [sadanar@uhd.edu](mailto:sadanar@uhd.edu)

University of Houston-Downtown