Welcome to the 2010 Graduate School and Internship Fair!

The UHD Scholars Academy Graduate School and Internship Fair is an excellent opportunity for students within the College of Sciences and Technology to connect with prospective graduate schools and research/internship programs. Students are strongly encouraged to speak with as many different programs as possible to explore all available opportunities. Good luck and have fun!

Schedule:

8:30 - 9:30 am  Registration and Check-in
9:30 - 10:30 am  Student Poster Session and Breakfast Mixer
10:30 - 12:00  Graduate School and Internship Fair

Represented Programs:

A & B Environmental Laboratories Services
Department of Computer Science
Department of Mathematics
Rice-Houston Alliances for Graduate Education and the Professoriate (AGEP)

Baylor College of Medicine
Department of Neuroscience
Graduate School of Biomedical Sciences
Graduate Program in Molecular and Human Genetics
Human Genome Sequencing Center
SMART Program: Summer Undergraduate Research Training

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City of Houston – Houston Crime Lab

Gulf Coast Consortia
Interdisciplinary Bioscience Research and Training

Johns Hopkins University
Bloomberg School of Public Health

Kaplan Test Prep and Admissions
Graduate Programs

Rice University
Department of Biochemistry & Cell Biology
Institute of Biosciences & Bioengineering

University of Houston-Downtown
Career Services
Masters of Arts in Teaching
M.S. in Professional Writing & Technical Communication

University of Michigan – Ann Arbor
Industrial & Operations Engineering

University of North Texas
Toulouse Graduate School

University of Tennessee – Knoxville
Graduate Programs in Quantitative Biology

University of Texas - MD Anderson Cancer Center
Allied Health Programs; School of Health Professions

University of Texas Health Science Center Houston
School of Biomedical Informatics
The Brown Foundation Institute of Molecular Medicine for the Prevention of Human Diseases

University of Texas Health Science Center at San Antonio
Graduate School of Biomedical Sciences

University of Texas Medical Branch
Biochemistry and Molecular Biology
School of Health Professions
School of Nursing

University of Texas School of Public Health
Biostatistics
Office of Student Affairs
School of Health Professions - Diagnostic Imaging Program

There are also tables with about 50 graduate and research opportunities from institutions nationwide that have provided materials for dissemination.
Student Research Poster Session:

1 – Brandy Bell, “Thermal Properties of Bis(glycinato)Bis(nitro)Cobalt Salt with Potassium as the Counterion”
UHD Faculty Mentor: Dr. Janusz Grebowicz
Project Location: University of Houston-Downtown

2 – Marylyn Davila, “Role Of Muscleblind On Abortant Splicing In Myotonic Dystrophy Type 2”
Faculty Mentor: Dr. Ralf Krahe
Project Location: University of Texas - MD Anderson Cancer Center

3 – Elena Espino, “MRI Analysis of Superficial Femoral Veins in Patients with Peripheral Arterial Disease”
Faculty Mentor: Dr. Joel D. Morrisett
Project Location: Baylor College of Medicine

4 – A’Tondra Gilstrap, “Viability of Enteric Bacterial Pathogens in Transport media Systems”
Faculty Mentors: Drs. Jeticia Sistrunk and Zhi-Dong Jiang
Project Location: Center for Infectious Diseases at University of Texas Health Science Center at Houston

5 – Audrey Gonzalez, Gloria Abarca and Suyen Diosdado, “Non-metric Multidimensional Scaling Analysis for Bacterial Endophyte Communities in Texas Grapevines”
UHD Faculty Mentor: Dr. Lisa Morano
Project Location: University of Houston-Downtown

6 – Russell Kendrick, “Stress Analysis of Bacterial Biofilms”
UHD Faculty Mentors: Drs. Youn-Sha Chan and Poonam Gulati
Project Location: University of Houston-Downtown

7 – Abir Khan, “Sprout Tracking of Angiogenesis in the In Vitro Spheroid Assay”
Faculty Mentors: Drs. Alex Arevalos and Amina Ann Qutub
Project Location: Rice University

8 – Mitesh Koirala, “Analyzing the Genome of a Xylella fastidiosa Grape Strain from Texas”
UHD Faculty Mentor: Dr. Lisa Morano
Project Location: University of Houston-Downtown

9 – Candice Lange, Rachel Kutach and Toni Shea Neadom, “Preliminary DNA Fingerprinting of Ragweed Isolates of Xylella fastidiosa throughout Texas”
UHD Faculty Mentor: Dr. Lisa Morano
Project Location: University of Houston-Downtown

10 – Adolfo Lara, “Exocytosis in Mast Cells”
Faculty Mentor: Dr. Ruth Heidelberger
Project Location: University of Texas – Health Science Center at Houston

11 – Adetomiwa Oguntuga, “Ant Foraging Simulation Analyzer”
Faculty Mentor: Dr. Melanie Moses
Project Location: University of New Mexico, Albuquerque

12 – Elda Rueda, “Spatial Distribution of Metabolic Enzymes in Adult Mouse Retina; Implications in Vision Preservation”
UHD Faculty Mentor: Dr. Jerry Johnson
Project Location: University of Houston-Downtown

13 – Kamran Safarli, “Investigating the Role of General Stress Response Pathway in Genetic Buffering in S. cerevisiae”
Faculty Mentors: Drs. Noorassadat Torabi and Leonid Kruglyak
Project Location: Princeton University

14 – Mayra Sanchez, “Activation Of CaX3 Relevant To Bioavailability Of Calcium In Plants”
Faculty Mentors: Drs. Kendal Hirschi (Children’s Nutrition Research Center), Debra Murray* and Richard Gibbs*
Project Location: *Human Genome Sequencing Center, Baylor College of Medicine

UHD Faculty Mentor: Dr. Mian Jiang
Project Location: University of Houston-Downtown

16 – Glenda Thammavongsa, Lassana Samarakoon and Cory Ali, “Building a Diatom Succession Model for a Mitigated Wetland”
UHD Faculty Mentors: Drs. Brad Hoge and Ronald Barnes
Project Location: University of Houston-Downtown

17 – Tuan Tran, “Ionomer Based Composites for Sensor and Battery Application”
UHD Faculty Mentor: Dr. Mian Jiang
Project Location: University of Houston-Downtown

18 – Karina Vazquez, “EGF-A as a Potential Therapeutic for Lowering Serum LDL-Cholesterol”
Faculty Mentor: Dr. Barrett R. Harvey
Project Location: University of Texas Health Science Center at Houston

19 – Rosa Villagomez, “Expression of Infectious Bursal Disease Virus VP3 for Biophysical Characterization of the VP1-VP3 Complex”
Faculty Mentors: Drs. Yukimatsu Toh and Yizhi Jane Tao
Project Location: Rice University

20 – Desiree Wilson, “The Effects of SPAG16 Mutations and Their Relationship to Male Infertility”
Faculty Mentor: Dr. Martin M. Matzuk
Project Location: Baylor College of Medicine

Welcome to the 2010 Graduate School and Internship Fair!

The UHD Scholars Academy is pleased to feature scholarly undergraduate STEM research poster presentations. Please join us in this scholarly undertaking by visiting each poster, dialoguing with the student presenters about their project, and encouraging them through offering constructive considerations that can benefit them in their next phase of research. Thank you.

Sponsored by: The Brown Foundation, Inc.; National Science Foundation (0728408, 0903948); U.S. Department of Education (P120A070025); and UH-Downtown.
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