Welcome to the 2013 STEM Graduate School and Internship Fair!
The UHD Scholars Academy STEM 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!

8:00 - 9:00 am    Registration, Exhibitor Setup and Breakfast Mixer
9:00 - 10:00 am   Student Poster Session and Student Professional Photos
10:00 - 10:15 pm  Introduction of Exhibitors (in auditorium)
10:20 - 12:00 pm  Graduate School and Internship Fair
12:10 - 1:00 pm   Luncheon for Exhibitors and Student Presenters

Bard College
Master of Arts in Teaching Program

Baylor College of Medicine
Graduate Preparatory Programs
Graduate Program in Molecular and Human Genetics

Clark Atlanta University
Office of Graduate Recruitment and Admissions

Heavy Construction Systems Specialists, Inc. (HCSS)

Houston Police Department, Crime Laboratory

Kaplan Test Prep and Admissions

Keck Graduate Institute of Applied Life Sciences

Lamar University
College of Graduate Studies

Rice University
Department of Biochemistry & Cell Biology
Engineering Professional & Professional Science Master's Programs

Sam Houston State University
Office of Graduate Admissions

South Texas Project Nuclear Operating Company (STP NOC)

Southern Methodist University
Cox School of Business
Guildhall Office of Admissions

Stephen F. Austin State University
Department of Biology & Biotechnology
Mathematics and Statistics
Office of Admissions

Texas A & M University – College Station
College of Engineering
College of Veterinary Medicine & Biomedical Sciences
Department of Biochemistry and Biophysics
Nuclear Engineering and Health Physics

Texas A & M University – Corpus Christi
College of Graduate Studies

Texas A & M University Health Science Center
School of Rural Public Health

Texas Chiropractic College
Enrollment Management

Texas Southern University
Department of Urban Planning and Environmental Policy
School of Public Affairs

Texas Tech University
Graduate School
Graduate School of Biomedical Sciences

Texas Woman's University
Institute of Health Sciences/Executive MBA Program

University of Houston-Central
College of Pharmacy
College of Technology Graduate Programs
Computer Science Graduate Program

University of Houston-Downtown
M.S. in Professional Writing & Technical Communication
NSF Noyce Teacher Scholarship Programs

University of Houston-Clear Lake
Office of Admissions

University of Houston
Medical School

University of North Texas (UNT)
College of Engineering
Toulouse Graduate School

UNT Health Science Center at Fort Worth
Graduate School of Biomedical Sciences
School of Public Health

University of Texas at Arlington
Graduate School

University of Texas at Austin
Graduate School

University of Texas Health Science Center Houston
Graduate School of Biomedical Sciences
School of Biomedical Informatics
The Houston Laboratory and Population Sciences Training Program in Gene-Environment Interaction

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

University of Texas - MD Anderson Cancer Center
School of Health Professions

University of Texas Medical Branch
Molecular Biophysics Program
School of Health Professions
School of Medicine
School of Nursing

University of Texas School of Public Health
Division of Biostatistics
Graduate Admissions

West Oaks Urgent Care
Intern Programs: Health Care Shadowing and Marketing

Yale University
Graduate School of Arts and Sciences
Welcome to the 2012 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.

Student Research Poster Session:

1 – Reihana Abdelmaksaud, Kimberlyn Garcia, “The Effects of Garlic Extracts + Acyclovir on the Suppression of the Herpes Simplex Virus Type I Replication in Vitro”
UHD Faculty Mentor: Dr. Tyra Montgomery, Dr. Qavi Hamida
Project Location: University of Houston-Downtown

2 – Rogelio Camacho, Yesenia Salazar, “The Effect of Heat on Granite Rocks for Nuclear Depository”
UHD Faculty Mentor: Dr. Janusz Grebowicz, Dr. Jorge Tito-Izquierdo
Project Location: University of Houston-Downtown

3 – Kaleigh Ceasar, “The Poetry Wizard”
UHD Faculty Mentor: Dr. Hong Lin
Project Location: University of Houston-Downtown

4 – Raymond Cherian, Sarah Syed, “Could Platymdesmus Millipedes Dilute their Risk of Predation by Aggregating?”
UHD Faculty Mentor: Dr. Barry Sullender
Project Location: Bocas Del Toro, Boca Del Drago, Panama

5 – Fatoumata Diallo, “Computational Studies of 1, 2 HOPO Chelating Ligands”
UHD Faculty Mentor: Dr. Maria Benavides
Project Location: University of Houston-Downtown

6 – Heather Fulkerson, “The Human Mucosal Response Against Staphylococcus aureus Virulence Factors”
Faculty Mentor: Dr. Bowden
Co-Author: Andrea Bordt, Jesse Dunkle, Heather Moor M.D, Eric L. Brown PhD, M. Gabriela Bowden PhD
Project Location: University Of Houston-Downtown

7 – Martha Cecilia Guerra, “Establishing Homology between Mammalian and Zebrafish Stratified Epithelium”
Faculty Mentor: Dr. Daniel Wagner
Co-Author: Dr. Daniel Wagner
Project Location: Rice University

UHD Faculty Mentor: Dr. David Wagner
Co-Authors: Matthew Finifter, Adrian Mettler, Anne Edmundson, Emanuel Rivera
Project Location: University of California, Berkeley

9 – Harrison Kraft, “Exclusive Paternal Care and the Natural History of Platymdesmus subovata”
UHD Faculty Mentor: Dr. Barry Sullender
Co-Authors: Dr. Debbie Bush
Project Location: Bocas Del Toro, Panama

10 – Adolfo Lara, “Development of Novel Molecular Markers for Species-Level Identification of Sea Anemones (Cnidaria, Actiniaria)”
Faculty Mentor: Dr. Estefania Rodriguez, Dr. Mercer Burgler
Co-Authors: Matt Erby
Project Location: The American Museum of Natural History, New York

11 – Milena Lobaina, “Inhibition of TK Negative HSV-1 Replication by Antiviral Agents from Single Clove Garlic in Vitro”
UHD Faculty Mentor: Dr. Tyra Montgomery, Dr. Qavi Hamida
Co-Authors: Issac Omuhambe, Dr. Tyra Montgomery, Dr. Qavi Hamida
Project Location: University of Houston-Downtown

12 – Aisha Mehmood, “Computational Calculations on Novel Plutonium Sequestering Agent”
Faculty Mentor: Dr. Maria Benavides
Co-Authors: Dr. Maria Benavides
Project Location: University of Houston-Downtown

Faculty Mentors: Dr. Plamen Simeonov
Co-Authors: Dr. Plamen Simeonov
Project Location: University of Houston-Downtown

14 – Vy Nguyen, “Brain Wave Analysis, Web Access”
Faculty Mentor: Dr. Hong Lin
Co-Authors: Latpyya Smith, Lucino Flores, Qiang Guo, Troy Cartmill
Project Location: University of Houston – Downtown

15 – Owen Pate, “Preliminary Design of UHD Staff/ Faculty Parking Garage”
Faculty Mentor: Dr. Jorge A. Tito
Co-Authors: Balkrishna Patel, Juan Castillo, Aaron Kimmel and Jeffrey Wagner
Project Location: University of Houston-Downtown

Sponsored by:
The Brown Foundation, Inc.; National Science Foundation (0728408, 0903948); and UH-Downtown.
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Phone: 713-222-5344; Fax: 713-223-5356; scholars@uhd.edu; www.uhd.edu/scholars
16 – Tilesh J. Patel, “Characterization of the Thermotropic Properties of Novel Catanionic Surfactants Derived from Quaternary Ammonium Surfactants and Dodecylbenzenesulfonate Existing as Room-Temperature Liquid Crystals”  
UHD Faculty Mentor: Dr. Robin Jose  
Co-Author: Troy A. Cather, Dr. Prodip K. Bhowmik, Dr. Hesook Han, Dr. Janusz Grebowicz  
Project Location: University of Houston-Downtown

17 – Tilesh J. Patel, Troy A. Cather “ Characterization of the Thermotropic Properties of Novel Catanionic Surfactants Derived from Quaternary Ammonium Surfactants and Bis(2-ethylhexyl)sulfosuccinate Existing as Room-Temperature Liquid Crystals”  
UHD Faculty Mentor: Dr. Robin Jose  
Co-Author: Troy A. Cather, Dr. Prodip K. Bhowmik, Dr. Hesook Han, Dr. Janusz Grebowicz  
Project Location: University of Houston-Downtown

18 – Cynthia A. Quinones, “Synthesis and Characterization of Novel Polymerizable Room-Temperature Ionic Liquids for UV Curable Coatings”  
UHD Faculty Mentor: Robin Jose  
Co-Author: Paulina Filipczar, Maureen Arinyi  
Project Location: University of Houston-Downtown

19 – Angela Rosales, “ Comparison between Greens Bayou Wetlands Mitigation Bank and Anahuac National Wildlife Refuge using Diatom Data to Show how IKE and the 2011 Drought Affected these Wetlands”  
UHD Faculty Mentor: Dr. Brad Hoge  
Co-Author: Dorothy Ringer-Sumner, Denise Igbineweka  
Project Location: University of Houston-Downtown

20 – Iris R. Silva - Obando, “Identification of FoxF1 Mutations Affecting Patients with Alveolar Capillary Dysplasia with Misalignment of Pulmonary Veins (ACD/MPV)”  
UHD Faculty Mentor: Dr. Partha Sen  
Project Location: Baylor College of Medicine Molecular Core Laboratory

21 – Dat Truong, “Nano Particle Nickel and Nickel Oxide-Carbon Composites for Novel Voltammetric Detection”  
Faculty Mentor: Dr. Mian Jiang  
Co-Author: Dr. Mian Jiang  
Project Location: University of Houston-Downtown

22 – Mau Truong Dim, “Formulational Properties of a Newly Developed Low Viscosity Diacrylate – Functional Epoxy-Based Oligomer”  
Faculty Mentor: Dr. Byron K. Christmas  
Co-Author: Dayna Spencer  
Project Location: University Of Houston-Downtown CARSR Lab

23 – Reyna Valdez, “Screening Novel Synthetic Compounds for their Cytotoxicity and Inhibition of Tubulin Polymerization”  
Faculty Mentor: Dr. Rachna Sadana  
Co-Author: Andrew Mark, Ania Jeszka, Paula Mazurek, Patrycja Juchniewicz  
Project Location: University Of Houston-Downtown

Faculty Mentor: Dr. Jeong – Mi Yoon, Dr. Volodymyr Hrynkiv, Dr. Lisa Morano  
Co-Author: Julie Nash, Wei Yang (Kevin) Wang  
Project Location: University Of Houston-Downtown