<table>
<thead>
<tr>
<th>Poster No.</th>
<th>Student Researchers</th>
<th>Research Title</th>
<th>Research Mentors</th>
<th>Project Location</th>
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<tbody>
<tr>
<td>1</td>
<td>Esteban Duran</td>
<td>Intelligent Monitoring and Control of Rocket Test Systems</td>
<td>Fernando Figueroa</td>
<td>NASA's Stennis Space Center</td>
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<tr>
<td>2</td>
<td>Kenah Garcia, Kenny Nguyen</td>
<td>Internship at Premier Performance of Oakbend Medical Center</td>
<td>Dr. Collier, Dr. De Smidt, Ms. Nobles</td>
<td>Premier Performance Physical Therapy of Oakbend Medical Center</td>
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<tr>
<td>3</td>
<td>Ashlyn Holbert</td>
<td>Bat Invasions of the Hawaiian Islands</td>
<td>Dr. Amy Baird</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>4</td>
<td>Ilirjana Hyseni</td>
<td>Estrogen Receptor β in SIM1 Neurons Is Required to Maintain Normal Blood Pressure in Females</td>
<td>Pingwen Xu, Dr. Yong Xu</td>
<td>Children's Nutrition Research Center</td>
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<tr>
<td>5</td>
<td>Trung Le</td>
<td>Analysis of Microbial Biofilms on Plastic Samples from Galveston Bay</td>
<td>Dr. Poonam Gulati</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>6</td>
<td>James McHenry</td>
<td>Hyperpolarized [1-13C]Benzyl Acetate for Metabolic Imaging of Acetate Dependent Tumors: A Prospective Study</td>
<td>Dr. Niki M. Z. Millward, Dr. Pratip K.</td>
<td>UT MD Anderson, Cancer Prevention Research Institute of Texas, The Gulf Coast Consortia</td>
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<tr>
<td>7</td>
<td>Charles Punnathara</td>
<td>Thin Films based on Prussian Blue and Derivatives for Sensory Application</td>
<td>Dr. Mian Jiang</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>8</td>
<td>Raul Rios</td>
<td>Desktop Digitizer for the Advanced Manufacturing Office Software Suite</td>
<td>Jibonananda Sanyal, Gina Accawi</td>
<td>Oak Ridge National Laboratory</td>
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<tr>
<td>9</td>
<td>Jacqueline Rocha</td>
<td>Antibiotic Sensitivity of Planktonic and Biofilm Bacteria as Single- and Multi-Species</td>
<td>Dr. Poonam Gulati</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>10</td>
<td>Pilar Rodriguez</td>
<td>Shadowing a Pediatric Neurologist</td>
<td>Dr. Pedro Mancias</td>
<td>University of Texas Professional Building - Houston UTHealth</td>
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<tr>
<td>11</td>
<td>Irvin Romero Phoungni TranBoranai Tychhon</td>
<td>Clinical Experience in Ocular Disorders through Summer Shadowing</td>
<td>Dr. Hamida Qavi</td>
<td>St. Luke Hospital, Eye Excellence</td>
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<tr>
<td>12</td>
<td>Regina Solomon</td>
<td>Computational Studies of Copper Radiopharmaceuticals As Potential Diagnostic Imaging Agents for Alzheimer’s Disease</td>
<td>Dr. Maria Benavides</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>13</td>
<td>Destiny Treviño</td>
<td>Theoretical Studies of Nickel (II) Complexes with Schiff Base Ligands</td>
<td>Dr. Maria Benavides</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>14</td>
<td>Alice Turchaninova</td>
<td>Investigating a Steady State Thermistor Problem</td>
<td>Dr. Volodymyr Hrynkiv</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>15</td>
<td>Boranai Tychhon</td>
<td>Using CRISPR to Target and Mutate Specific Sequences of Tau Protein and Tested on Various Cell Lines</td>
<td>Dr. Ergun Sahin</td>
<td>Baylor College of Medicine</td>
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<tr>
<td>16</td>
<td>Joselyn Valdez</td>
<td>Testing Monophyly of the Cryptotis Mexicanus Group</td>
<td>Dr. Amy Baird</td>
<td>University of Houston-Downtown</td>
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<tr>
<td>17</td>
<td>Denisse Velazquez</td>
<td>Study of Eriochrome Black T and its Analytical Application</td>
<td>Dr. Mian Jiang</td>
<td>University of Houston-Downtown</td>
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</tbody>
</table>
Welcome to the Fall 2016 STEM Graduate School and Internship Fair!
The UHD Scholars Academy STEM Graduate School and Internship/Career Fair (GSIF) 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!

<table>
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<tr>
<td>8:00 - 8:30 am</td>
<td>Registration/Check-in (Mural Area outside A300); Exhibitor Setup (Room A300)</td>
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<tr>
<td>8:00 - 8:30 am</td>
<td>Breakfast Mixer (UHD Coffee House)</td>
</tr>
<tr>
<td>8:45 - 8:50 am</td>
<td>GSIF Welcome – Drs. Parker and Uzman (Cullen Auditorium)</td>
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<tr>
<td>8:50 - 9:10 am</td>
<td>Guest Speaker – Kelda Bratley, BP Engineer (Cullen Auditorium)</td>
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<tr>
<td>9:15 - 9:40 am</td>
<td>Introduction of GSIF Exhibitors (Cullen Auditorium)</td>
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<tr>
<td>9:40 - 10:15 am</td>
<td>Student Poster Session (Mural Area outside A300)</td>
</tr>
<tr>
<td>10:15 - 11:45 am</td>
<td>Graduate School and Internship/Career Fair (Room A300)</td>
</tr>
<tr>
<td>11:45 - Noon</td>
<td>GSIF 2016 Ends/Exhibitor Teardown (Room A300)</td>
</tr>
<tr>
<td>12:00 - 1:00 pm</td>
<td>Luncheon for All Exhibitors, Student Poster Presenters, &amp; Faculty Research Mentors (Milam &amp; Travis)</td>
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</table>

Graduate School & Internship Fair Exibitors

**Arizona State University**
Sandra Day O'Connor College of Law

**Baylor College of Medicine**
Graduate School/SMART Program
Graduate Program in Molecular and Human Genetics

**Houston Baptist University**
The Graduate School

**International American University College of Medicine**
Admissions

**Lamar University**
College of Graduate Studies

**Massachusetts College of Pharmacy and Health Sciences (MCPHS University)**
Admissions

**McGovern Medical School**
Admissions/ Diversity and Inclusion

**Midwestern State University**
Graduate School

**Prairie View A&M University**
College of Nursing
DNP Program
Enrollment Management

**Sam Houston State University**
Office of Graduate Admissions

**Southern Methodist University**
Guildhall (Graduate Video Game Education Program)
Lyle School of Engineering

**St. Mary's University of San Antonio**
Admissions

**Stephen F. Austin State University**
Mathematics and Statistics

**Texas A&M University**
Materials Science and Engineering
Nuclear Engineering
College of Veterinary Medicine & Biomedical Sciences

**Texas Chiropractic College**
Admissions

**Texas Southern University**
Graduate Programs

**Texas Tech University**
Graduate Programs

**Texas Tech University Health Sciences Center**
School of Pharmacy

**Texas Woman's University**
Graduate Programs

**The University of Texas at Austin**
Graduate Programs

**The University of Texas at San Antonio**
The Graduate School

**The University of Texas Graduate School of Biomedical Sciences at Houston**
GSBS Admissions

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

**University of Houston**
College of Pharmacy
College of Technology
Engineering Technology
Graduate Studies/Pharmacy/PPS

**University of Houston-Downtown**
Career Development Center
English Department - Master of Science in Technical Communication
Graduate Admissions
MS in Data Analytics
MS - Professional Certificate for Dual-Credit Secondary Mathematics Teaching (Noyce Esprit Program)

**University of Houston-Victoria**
School of Arts & Sciences

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UHD Scholars Academy, One Main Street, 725 North, Houston, TX 77002-1001
Phone: 713-222-5344; scholars@uhd.edu; www.uhd.edu/scholars
University of North Texas (UNT)
Toulouse Graduate School

University of Texas at Arlington
University Recruitment

University of Texas Health Science Center Houston
Biostatistics
Graduate School of Biomedical Sciences
School of Biomedical Informatics
School of Nursing
School of Public Health

University of Texas MD Anderson Cancer Center
School of Health Professions

University of Texas Medical Branch
School of Health Professions
School of Medicine

University of the Incarnate Word
Feik School of Pharmacy
School of Physical Therapy

University of Texas Health Science Center at San Antonio
School of Health Professions

Special Visiting Guests

Kelda Bratley, CEng, FIChemE
Senior Process Engineer
BP Upstream Engineering Center

Pedro Mancias, MD
Professor, Department of Pediatrics
Division of Child and Adolescent Neurology
Asst. Dean, Diversity and Inclusion
Asst. Dean, Student Affairs and Admissions
The University of Texas Health Science Center at Houston
McGovern Medical School