



**16th Annual
STEM Graduate School and Internship & Career Fair
November 6, 2015 8:00 am – 1:00 pm Room A300 & Cullen Aud.**



- 8:00 - 8:30 am Registration, Exhibitor Setup and Breakfast Mixer (UHD Coffee house)**
9:00 - 9:20 am Introduction of GSIF Exhibitors (in auditorium)
9:20 - 9:45 am Student Poster Session (Foyer)
9:45 - 11:30 am Graduate School and Internship Fair (A300)
11:30 – 11:45 am GSIF Exhibitor Takedown (A300)
11:45 - 12:45 pm Luncheon for All Exhibitors and Student Poster Presenters (UHD Coffee House)

Graduate School & Internship Fair - Student Poster Session (Foyer 9:20 - 9:45 am)

Poster No.	Student Researchers	Research Title	Research Mentors	Project Location
1	Ashlyn Holbert	Bat Invasions of the Hawaiian Islands	Dr. Amy Baird	UH-Downtown, Houston, Texas
2	Asma Aziz	Characterization of OSBS/NSAR enzymes from <i>Amycolatopsis</i> sp. T-1-60 and <i>Lysinibacillus varians</i> .	Dr. Margy Glasner	TAMU, College Station, Texas
3	Jared Carroll	Polypeptide Evolution in Protein Complexes: Preliminary Observations	Dr. Akif Uzman	UH-Downtown, Houston, Texas
4	Crystal Chavez	Optical Internship Experience	Dr. Hamida Qavi Dr. Mary T. Green Dr. Danny P. Matthews Dr. Pierce E. Kenworthy	UH-Downtown Texas Medical Center, Houston, Texas
5	Emilia Caylor	Lithologic Control on Secondary Clay Mineral Formation in the Valles Caldera, New Mexico – Biosphere 2	Dr. Prakash Dhakal Dr. Craig Rasmussen	University of Arizona
6	Esmeralda Martinez	Anticancer efficacy of purified components from pearl garlic	Dr. Tyra Hessel Dr. Hamida Qavi	UH-Downtown, Houston, Texas
7	Evelyn Valdez	The effects of soil microbes on functional traits of 18 tallgrass prairie species	Dr. Claudia Stein Dr. Scott Mangan Dr. Michael Tobin	Washington University-St.Louis, St. Louis, Missouri
8	Fernando Rodarte	New Sensory Study of Species with Nuclear Significance	Dr. Mian Jiang	UH-Downtown, Houston, Texas
9	James McHenry	Application of Nuclear Magnetic Resonance in Metabolic Profiling of siRNA-Mediated Glucose Phosphate Isomerase Knockdown in an SKOV3 Ovarian Cancer Animal Model	Dr. J. Lee Dr. RA Previs Dr. JM Hansen Dr. NZ Millward Dr. AK Sood, Dr. PK Bhattacharya	CPRIT, MDAnderson Cancer Center, Houston, Texas
10	Jonathon Garza Christopher Early Alexander Chan Greg Schrieber	Systematic Analysis and Classification of EEG Data Using Machine Learning Algorithms	Dr. Hong Lin	UH-Downtown, Houston, Texas
11	Jose Miguel Gonzalez	Manipulator Arm Control using Arduino Microcontroller	Dr. Weining Feng	UH-Downtown, Houston, Texas
12	Kiara Arroyo Andrade Mehmet Enes Inam	Dysregulation of Dopamine Homeostasis Compromises Dopamine Neurons in a <i>Drosophila</i> Model	Antonio Tito, PhD candidate Dr. Sheng Zhang Dr. Mian Jiang	UT – Health Institute of Molecular Medicine, Houston Texas UH-Downtown, Houston, Texas
13	Linus Klingler	An Analogue of Indolyl-keto-oxadiazole Exhibits Cytotoxic Effect on Multiple Cancer Cell Lines and Causes Apoptosis via Inhibition of Tubulin Polymerization	Dr. Rachna Sadana	UH-Downtown, Houston, Texas



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14	Sara Valliani Saima Valliani	Using SSR Fingerprinting to Evaluate Genetic Diversity of <i>Xylella fastidiosa</i> in Texas	Dr. Lisa Morano	UH-Downtown, Houston, Texas
15	Shebna Cheema	Identifying the Post-Translational Regulatory Mechanisms Impacting Differential CELF1 Stability in the Epithelial to Mesenchymal Transition	Dr. Arindam Chaudhury Dr. Joel Neilson	Baylor College of Medicine, Molecular Physiology and Biophysics, Houston, Texas
16	Sandy Gramajo Phuong Ho	Investigating Pathogenic Mechanisms of <i>Porphyromonas gingivalis</i> using <i>Caenorhabditis elegans</i> as a Model Organism	Dr. Gena Tribble Dr. Ransome Van der Hoeven	UT Health –Houston School of Dentistry
17	Linda Rubio	Comparisons Between Chemical and Mechanical Extraction Methods for Diatom Test of Sheldon Lake Mitigation Wetland	Dr. Brad Hoge	UH-Downtown, Houston, Texas
18	Kenah Garcia	Learning Experience in Ophthalmic Care Through Summer Internship	Dr. Hamida Qavi Dr. Mary T. Green Dr. Danny P. Matthews	UH-Downtown Texas Medical Center, Houston, Texas
19	Irvin Romero Jacqueline Olvera	The Impact of Grapevine Light Quality on Fruit Quality in the Variety Banc Du Bois	Dr. Lisa Morano	UH-Downtown, Houston, Texas
20	Nguyen Tran Thao Luu Angela Vang Angena Thomas	Novel Spectroscopic and Electrochemical Determination for Water Bound Environmental Contaminants	Dr. Mian Jiang	UH-Downtown, Houston, Texas
21	Huy Bui	q-Analogues of Some Equations from Physics and Nuclear Physic	Dr. Plamen Simeonov	UH-Downtown, Houston, Texas
22	Lisa Martinez	Theoretical Study of Biodegradable Disulfide Manganese (II) Complexes as Potential MRI Contrast Agents	Dr. Maria Benavides	UH-Downtown, Houston, Texas



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Sponsored by: The Brown Foundation, Inc.; National Science Foundation (0934913); DOED MSEIP (P120A130040); Nuclear Regulatory Commission MSIP (NRC-27-10-1121); NSF NOYCE; and UH-Downtown.

UHD Scholars Academy, One Main Street, 725-North; Houston, TX 77002-1001
Phone: 713-222-5344; scholars@uhd.edu; www.uhd.edu/scholars



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Welcome to the 2015 STEM Graduate School and Internship and STEM Career Fair!

The UHD Scholars Academy STEM Graduate School and Internship 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!

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Graduate School & Internship Fair Exhibitors

	Organization's Name	Department/Program Represented	First Name	Last Name
1	AUC School of Medicine	Office of Admissions	Kimberly	Holley
2	Baylor College of Medicine	Human Genome Sequencing Center	Debra	Murray
3	Baylor College of Medicine	The Graduate School of Biomedical Sciences	Elizabeth Elizabeth Laurie	Franks Haynes Connor
4	Baylor College of Medicine	Graduate School Biomedical Sciences Graduate Program in Department of Molecular Physiology & Biophysics	Elizabeth Brittany	Haynes Wood
5	Lamar University	College of Graduate Studies	Niki William	Contreras Harn
10	MCPHS University	Graduate School	Allison	Sherlock St. Pierre
11	New Mexico Tech	Center for Graduate Studies	Megan	McElroy
12	Princeton University	School of Engineering & Applied Science	Brandi Rodney	Jones Priestly
13	Sam Houston State University	Office of Graduate Admissions	Kristi Katrina	DeBose Thornton
14	Southern Methodist University Lyle School of Engineering	Graduate Engineering Programs - Systems Engineering, Manufacturing Engineering, EE, Civil, Environmental, Mechanical Engineering and programs under those primary disciplines.	Abigail	Smith
15	Southern Methodist University	Guildhall	Rene	Archambault
14	Southern Methodist University - Lyle School of Engineering	Graduate Degrees for video game development	Abigail	Smith
49	Stanford University -- Graduate School of Education	Graduate School of Education / Stanford Teacher Education Program	Viviana	Alcazar
16	Stephen F. Austin State University	Mathematics and Statistics	William	Clark
17	Texas A&M University	Materials Science and Engineering	Jules	Henry
18	Texas A&M University	Nuclear Engineering	Robb	Jenson
19	Texas A&M University College of Veterinary Medicine & Biomedical Sciences	Biomedical Sciences Graduate Program Doctor of Veterinary Medicine Professional Program Veterinary Pathobiology PhD Program	Kessler	David
20	Texas Tech University Health Sciences Center	Graduate School of Biomedical Sciences	Terri	Lloyd
21	The University of Texas at Austin	The Graduate School	Danielle	Thoma
22	The University of Texas Medical Branch	School of Medicine - Office of Student Affairs and Admissions	LeTanya David	Neely Kessler

23	The University of Texas Medical Branch	School of Health Professions	Michelle	Conley
24	University of Texas Medical Branch	Biochemistry and Molecular Biology	Andres Dan	Oberhauser Nguyen
25	University of Houston	Computer Science Department	Melissa Tiffany	Nieto Roosa
26	University of Houston	College of Pharmacy Department of Pharmacological and Pharmaceutical Sciences	Marivi Vanessa	Tejada-Simon Lockett
27	University of Houston	College of Engineering Technology	Brian Edrel	Knoll Stoneham
28	University of Houston - Clear Lake	Computer Engineering	Susan Jiang	Lancaster Lu
29	University of Houston - Clear Lake	Science and Computer Engineering	Carol	Fairchild
30	University of Houston Clear Lake	Engineering Management Program Systems Engineering Program	Ipek	Bozkurt
31	University of Houston-Clear Lake	Biology and Biotechnology	Brian	Stephens
32	University of Houston-Clear Lake	Biology and Biotechnology MS Programs	Lory Z.	Santiago-Vazquez
33	University of Houston-Clear Lake	School of Science and Computer Engineering	Ju Larry	Kim Rohde
34	University of Houston-Clear Lake	Office of Admissions - all graduate programs Associate Dean for School of Science & Computer Engineering	Liz David	Musgrove Garrison
35	University of Houston--Clear Lake	Software Engineering	Keith	Drake
7	University of Houston-Downtown	Career Development	Laura	Weseley
6	University of Houston-Downtown	English Department - Master of Science in Technical Communication	Natalia	Matveeva
8	University of Houston-Downtown	MS - Professional Certificate for Dual-Credit Secondary Mathematics Teaching	Judith	Quander
9	University of Houston-Downtown	Graduate Programs	Chris Angela	Bell Alley
36	University of Pennsylvania Perelman School of Medicine	Biomedical Graduate Studies	Arnaldo Aliza	Diaz Mansolino
37	University of St. Thomas	Office of Graduate Admissions Program: MS-Clinical Mental Health Counseling and Master in Clinical Translation Management	Robert Alisha	Stephens Harrison
38	University of Texas Health Science Center San Antonio	Graduate Deans Office/ Associate Dean of Admissions and Student Affairs	Nicquet	Blake
39	University of Texas Health Science Center at Houston	School of Biomedical Informatics	Chelsea Jaime	Overstreet Hargrave
40	University of Texas Health Science-Houston	Biostatistics	Stacie	Willis
41	UNT Health Science Center	School of Public Health	Brooke	Flores
50	UNT	Toulouse Graduate School	Dana	Mordecai
42	UT Health School of Biomedical Informatics	Office of Academic Affairs	Jaime	Hargrave
43	UT Health-School of Public Health	Office of Student Affairs-Admissions	Elvis Tiaresa	Parada Carter
44	UT Health	Graduate Program in Biochemistry and Molecular Biology	Ambro Doug	Van Hoof Litwin
45	UT Health School of Nursing	School of Nursing	Darren Kristi	Boehning Rodriguez
46	The University of Texas Health Science Center at Houston School of Dentistry	School of Dentistry	Amanda Phil	Galindo Pierpont
47	UT MD Anderson Cancer Center	School of Health Professions	Nghi	Do
48	UT Southwestern	Graduate School of Biomedical Sciences	Lisa	Gardner
Special Visiting Guests				
	San Jacinto College	Distinguished Chemistry Professor Department of Physical Science	Christopher	Wild
	Hewlett Packard		Tami	Mallett
	Lone Star College	Department of Mathematics and Engineering	Jonathan	Gamez

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