



23rd ANNUAL STUDENT RESEARCH CONFERENCE

Sponsored by the UHD Scholars Academy



April 19, 2024

The Student Research Conference (SRC) is a showcase of academic excellence demonstrated by University of Houston – Downtown (UHD) undergraduates and graduates majoring within the Colleges of Marilyn Davies College of Business, Humanities and Social Sciences, Public Service, and Sciences and Technology.

SRC Program Schedule for April 19, 2024

8:00 AM	Registration	Mural Area
	Continental Breakfast	Skyline Lounge
9:00 AM	Introductory Remarks - Executive Director, Dr. Mary Jo Parker Recognition of the 2024 SRC Co-Chairs & Committee members Recognition of any Special Guests	Robertson Auditorium
9:15 AM	Introduction of UHD President Dr. Loren Blanchard Introduction of Provost Dr. Deborah Bordelon Introduction of CST Dean, Dr. Akif Uzman	
9:30 AM	Introduction of STEM Keynote Speaker – Dr. Lisa Morano/Dr. Akif Uzman	
9:35 AM	STEM Keynote Speaker – Dr. Adolfo Lara <i>Undergraduate research: Finding solutions and finding yourself</i>	
10:00 AM	Oral Presentations Begin Introductions by SRC Chairs	
11:45 AM	Dr. Mary Jo Parker Remarks	
12:00 PM	Lunch	Welcome Center & Milam/Travis Rooms
1:00 PM	Poster Sessions Begin	A300
1:00 PM	Session I	
2:30 PM	Session II	
3:30 PM	SRC closes – Receive Conference Gift with Survey	

Conference Co-Chairs:

Dr. Yuan Yuan Kang
Dr. Dvijesh Shastri
Dr. Katherine Shoemaker

Conference Planning Committee:

Dr. Liza Alonzo
Dr. Maria Benavides
Dr. Shahnjayla Connors
Dr. Weining Feng
Dr. Poonam Gulati Salhotra
Dr. Judith Harris
Dr. Katarina Jegdic
Dr. Mian Jiang
Dr. Yuan Yuan Kang
Dr. Jeffrey W. Martz
Dr. Whitney Botsford Morgan
Professor Mitsue Nakamura
Dr. Laura Ruth Parker
Dr. Dvijesh Shastri
Dr. Katherine Shoemaker
Dr. Jorge Tito-Izquierdo
Dr. Michael Tobin
Dr. Saveena Veeramoothoo
Ms. Mercedes Gonzales
Dr. Mary Jo Parker

Special Guests

Kevin Anthony, Texas Southern University LSAMP Director
Thomas Brown, Workforce Solutions
Sangeeta Gad, UHD Mathematics
Ioannis Kakadiaris, UH Department of Computer Science
Heidi B Kaplan, UTHouston Texas Medical Center
Angela S. Kelling, UHCL Psychology
Nicolle Patterson, UTH Graduate School of Biomedical Sciences
Lory Zoe Santiago-Vazquez, UHCL Biotech
Amy Sater, UH Department of Biology and Biochemistry, Chair
Robert West, Chief Scientist, Microbes, Inc.

UHD Alumni Keynote Speaker



Adolfo Lara, Ph.D.

Microbiologist IV, Houston Health Department, Houston, TX

Molecular Biologist, PAE, Houston, TX

Remote Postdoctoral Researcher, University of Florida, FL

Presentation Title: Undergraduate research: Finding solutions and finding yourself

Bio-sketch

Growing up in Mexico and subsequently making the shift to living in the U.S.A., I developed a familiarity transcending boundaries. Growing up in a new environment I found myself surpassing beyond my language barrier, cultural barrier, and previously intended aspirations. I carried this into my academic upbringing where I seized numerous opportunities to develop my expertise in working at the intersection of emerging disciplines, parallel to growing up in the intersection of two cultures. This upbringing and my scientific interest led me to earn my Ph.D. in Comparative Biology from the Richard Gilder Graduate School in the American Museum of Natural History, combining neuroscience and evolutionary biology to unravel questions about the origin of nervous system using genetic sequencing methods. Now, as a Microbiologist in the Houston Health Department, I use those same genetic sequencing skills to produce high quality data used in public health policy decisions. Through this, I have been able to appreciate science beyond the biology and the impact of human actions – a pillar of my science outreach philosophy.

Presentation Abstract

Is research for you? Personally, I knew since an early age research was for me. The University of Houston - Downtown provided me with diverse opportunities to pursue my research interests ranging from small molecular scale to large evolutionary history scale projects. Throughout my career, I have continued to participate in diverse projects within and outside the lab. In all cases, research has played a pivotal role to find, organize, evaluate, and make use of data for informed decisions. These same skills, current UHD students can learn and refine in research experiences. In this presentation, I will share and reflect on my research experiences at UHD and graduate school. Through these experiences I will highlight my key moments and learnings, finding solutions and finding myself, with the goal to help answer what research can do for you and your evolving professional careers.

Oral Presentations



1 – Kismely Castillo Dilone “Quantitative Trait Locus Mapping Analysis of the 24-hour Locomotive Phenotypes in *D. simulans*, *D. sechellia*, and their Interspecies Lines”

Co-Author(s): **Dr. Yuanyuan Kang**

Research Mentor(s): **Dr. Yuanyuan Kang**

Project Location: University of Houston – Downtown

Internal biological clocks, crucial for regulating our physiological processes throughout the day, were initially discovered in *Drosophila* fruit flies. To further reveal the combination of external and internal mechanisms (i.e., genetic loci, neural networks) responsible for circadian-controlled locomotion behaviors, we studied two closely sister species, *Drosophila simulans*, and *Drosophila sechellia*, along with their interspecies lines. Our experiment involved an introgression analysis, where the DNA of over ~200 interspecies inbred lines was genetically sequenced. Utilizing the *Drosophila* Activity Monitor (DAM) assay, we characterized their 24-hour locomotion activity profile, based on four parameters: day activity, night activity, evening anticipation, and morning anticipation. A quantitative trait locus (QTL) analysis was performed, associating genetic markers from DNA sequencing across four genomes with locomotion phenotype traits, aimed to detect genetic loci responsible for variations in locomotion behaviors. Our QTL analysis showed significant peaks for evening anticipation, revealing a candidate gene responsible for the evening anticipation in the *D. simulans* genome.



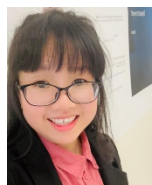
2 - Yaqueline Gutierrez, “The Role of the LMNA Mutation in Cardiac Conduction Disorders”

Co-Author(s): **Tingting Li, MD, PhD; Mihail G. Chelu, MD, PhD**

Research Mentor(s): **Dr. Na Li**

Project Location: Baylor College of Medicine

Cardiac Conduction Disorders (CCDs) affect the heart’s electrical system. When left untreated it can lead to life-threatening episodes through atrioventricular block (AVB), atrial fibrillation (AF), and so much more. There is a gene mutation known as the LMNA (R225X) gene mutation that seems to play a larger role when it comes to CCDs. To understand its role, we use a mice model and other experimental methods that allow us to witness the symptoms and phenotypes seen in individuals with the LMNA mutation. The data provided thus far has shown the model mice demonstrating CCDs and an increase in AF susceptibility which mimic the diseases in LMNA mutation carrying patients.



3 - Maggie Ha, “How many symmetries of the regular n -gon is even?”

Research Mentor(s): **Dr. Jean Nganou**

Project Location: University of Houston – Downtown

During the first course of Abstract Algebra, students encounter both abelian groups and non-abelian groups. While abelian groups are easy to understand and find their subgroups, non-abelian groups are more difficult to address their subgroups. Dihedral group is one of the first non-abelian groups students learn at undergraduate level. Among the subgroups of dihedral group, finding subgroups of index 2 is of interest because these subgroups are normal subgroups. Even though the result is known, it is often expressed in the representation of groups that is difficult for undergraduate students to understand. The purpose of the project is to count the number of even symmetries in D_n using the representations of the symmetries as permutations of the vertices, which is more accessible for students to comprehend. The project also proposes how they are structured in terms of odd rotations, odd reflections, even rotations, and even reflections. The second goal of the project is to find

intersection of the dihedral group and the alternating group which is interpreted as the number of even symmetries in a regular n-gon.



4 - Carlina Schubert, “Relationships among functional leaf traits in multiple grass species accounting for phylogenetic relatedness”

Research Mentor(s): **Dr. Michael Tobin**

Project Location: University of Houston- Downtown

Functional traits are characteristics that strongly influence growth, reproduction or survival of plants. Functional traits related to drought resistance have received more research attention as climate change increases areas experiencing drought. We investigated the relationships among traits associated with drought resistance. We hypothesized that minimum leaf conductance would be associated with functional traits such as stomatal density, guard cell length, leaf width, or leaf mass per area. These functional traits were measured for multiple grass species by undergraduate students enrolled in an ecology course implemented as a course-based undergraduate research experience (CURE) at University of Houston-Downtown. Grasses were sampled from undeveloped land in Houston, Texas. Once phylogenetic relatedness was taken into account, leaf mass per area increased with increasing stomatal density on the abaxial side of the leaf, but not with the stomatal density on the adaxial side of the leaf. Other functional traits such as leaf width, stomatal density, guard cell length, and minimum leaf conductance were not strongly associated with each other. Expanding our sampling to include species from more arid region areas might increase the breadth of variation in functional traits and potentially reveal the relationships among them.



5 – Elizabeth Snoddy, “Evaluating the efficacy of pine oil and lemon oil as biosafe alternatives to xylene in histological staining”

Co-Author(s): Christina Nguyen, Stephanie Wolff

Research Mentor(s): **Dr. Adriana Visbal**

Project Location: University of Houston – Downtown

Xylene is an aromatic hydrocarbon used as a histoprocessing agent for biological tissues as a part of several histological staining protocols, including Hematoxylin and Eosin (H&E) and Masson’s Trichrome. Xylene is the standard agent used to dewax and clear tissues in the deparaffinization and dehydration steps in standard H&E and Masson’s Trichrome protocols. Xylene is a biohazard and an environmental pollutant classified as hazardous waste and a health hazard. In this study, we tested pine oil and lemon oil as economical alternatives to xylene as a deparaffinizing and clearing agent to reduce environmental impact and minimize the risks to human health. The control and two experimental groups were processed using murine mammary gland tissue. We used xylene as the control in both deparaffinization and dehydration steps. In the experimental groups, we substituted xylene with pine oil or lemon oil in deparaffinization steps, dehydration steps, or both. All slides were blinded and evaluated based on nuclear staining, cytoplasmic staining, clarity, color balance, and uniformity. Our results indicate that pine oil performed comparably to xylene in all categories and lemon oil as a potential alternative. Our next steps include testing other tissue types and evaluating the longevity of the slides.

Poster Presentation Session I – Undergraduate Level Projects (1:00PM-2:30PM):

1 - Saad Ali, “Ethical Considerations in the Development and Deployment of Autonomous Vehicles”

Research Mentor(s): **Dr Azadeh Izadi**

Project Location: University of Houston-Downtown

2 - Aziz Ali, Alexandra Luna, Charzjon Rice, Giovanni Rodriguez, Chessa To “Isolation, purification, and analysis of components from plant extracts”

Co-Author(s): **Nicole Lynch**

Research Mentor(s): **Dr. Jacob Theruvathu**

Project Location: University of Houston-Downtown

3 - Lewis Augule, “The relationship between depressive symptoms and prescribed opioid use among U.S. older adults”

Research Mentor(s): **Dr. Song Ge**

Project Location: University of Houston - Downtown

4 - Kyra Bennett, “Geochemistry of Metabasalts, Tuffs, and Rhyolites from Paisley Hills, Oregon”

Research Mentor(s): **Dr. Gary Gray, Dr. Kenneth Johnson**

Johnson

Project Location: University of Houston-Downtown

5 - Andrew Bierbower, “The “Anorthosite Problem”: Solving an Old Problem with a New Approach in Boehl’s Butte, Idaho”

Research Mentor(s): **Dr. Kenneth Johnson**

Project Location: University of Houston-Downtown

6 - Elvia Castillo, Camila Sanabria, “Population Genetics of Bowhead Whales”

Research Mentor(s): **Dr. Amy Baird**

Project Location: University of Houston-Downtown

7 - Kismely Castillo Dilone, “Quantitative Trait Locus Mapping Analysis of the 24-hour Locomotive Phenotypes in *D. simulans*, *D. sechellia*, and their Interspecies Lines”

Co-Author(s): **Dr. Yuanyuan Kang**

Research Mentor(s): **Dr. Yuanyuan Kang**

Project Location: University of Houston-Downtown

8 - Destiny Cruz, “The Mitochondrial Transcription Factor A Is Required For Retinogenesis ”

Co-Author(s): **Yessenia Beltran, Amy Nguyen, Ross A. Poché, Emilia Santamaria**

Research Mentor(s): **Dr. Elda Rueda**

Project Location: University of Houston-Downtown

9 - Yessenia Deleon, “Computational Studies of Synthesized Compounds related to Lisinopril”

Research Mentor(s): **Dr. Maria Benavides**

Project Location: University of Houston-Downtown

10 - Amanda Dragon, Eric Alvarez, Brendan Posterick, “SUSTAIN Scholar Program 2024: Harness free, unlimited

power from the sun; Develop unique, versatile, portable solar cooker.”

Research Mentor(s): **Dr. Lisa Morano, Ph.D., Ms. Adriana Penabad, Dr. Vassilios Tzouanas**

Project Location: University of Houston-Downtown

11 - William Evans, “The Effect of Combat Deployment on Mental Health”

Research Mentor(s): **Dr. Jianling Xie**

Project Location: University of Houston-Downtown

12 - Michael Fowler, Patricia Amador, Amanda Chavez, “The Affect of Inorganic Ions on the Properties of Tyrosine, Tryptophan, and Phenylalanine”

Co-Author(s): **Lilith Sung**

Research Mentor(s): **Dr. Mian Jiang**

Project Location: University of Houston-Downtown

13 - Armin Golastanehrad, Lianet Chacon Garrido,

“Advancing Agricultural Sustainability: Impact of Plant Growth Promoting Rhizobacteria and Mycorrhizal Fungi on Tomato Yield and Germination.”

Research Mentor(s): **Dr. Lisa Morano**

Project Location: University of Houston-Downtown

14 - Yaqueline Gutierrez, “The Role of the LMNA Mutation in Cardiac Conduction Disorders”

Co-Author(s): **Tingting Li, MD, PhD; Mihail G. Chelu, MD, PhD**

Research Mentor(s): **Dr. Na Li**

Project Location: Baylor College of Medicine

15 - Maggie Ha, Thomas Duong, Isaiah Le, Tan Nguyen, Robert Reinartz, “Perceptron, Logistic Regression, and Artificial Neural Networks”

Research Mentor(s): **Dr. Katarina Jegdic**

Project Location: University of Houston-Downtown

16 - Maggie Ha, “Group classification up to isomorphism of groups up to order 15”

Research Mentor(s): **Dr. Jean Nganou**

Project Location: University of Houston Downtown

17 - Walter Jackson Jr., “Parasocial Feelings for Online Influencers: The Role of Donation”

Research Mentor(s): **Dr. Jianling Xie**

Project Location: University of Houston-Downtown

18 - Arbaz Khan, Huy Truong, “Exploring ROS and Machine Learning for Autonomous Navigation in TurtleBot3 and Dexterous Manipulation in Interbotix Robot Arm RX2000”

Research Mentor(s): **Dr. Ting Zhang**

Project Location: University of Houston- Downtown

19 - Arbaz Khan, Alexi Soto, Zara Usman, “Unraveling a Decade of Mosquito Species Localization in Harris County”

Research Mentor(s): **Dr. Courtney Standlee**

Project Location: University of Houston-Downtown

20 - Mitchell Ludden, "Soil water saturation and photosynthetic characteristics and growth of Asian rice"
Co-Author(s): **Tam Hoang, Carlina Schubert, Kayla Wleczyk**
Research Mentor(s): **Dr. Michael Tobin**
Project Location: University of Houston-Downtown

21 - Juan Magadan, Tammy Duong, "Analysis of aggressive behaviors of Drosophila species in relation to their food preference"
Research Mentor(s): **Dr. Yuanyuan Kang**
Project Location: University of Houston-Downtown

22 - Nataly Martinez, Miguel Araujo, "Comparing the longevity of pine oil as a substitutive reagent to Xylene in a histological staining"
Co-Author(s): **Elizabeth Snoddy**
Research Mentor(s): **Dr. Adriana Visbal**
Project Location: University of Houston- Downtown

23 - Naz Nabavi, "Piezoelectric Crystals"
Research Mentor(s): **Dr. Elene Bouhoutsos-Brown, Dr. Eszter Trufan**
Project Location: University of Houston-Downtown

24 - Jennifer Navarrete, Abraham Castillo, "Functions of G Protein-Coupled Receptor Kinases in Alcohol-Induced Behaviors"
Research Mentor(s): **Dr. Yuanyuan Kang**
Project Location: University of Houston-Downtown

25 - Issac Navarro, "If I'm not me, then who the hell am I?"
Co-Author(s): **Dr. Claude Rubinson, Edmond Tsang**
Research Mentor(s): **Dr. Claude Rubinson**
Project Location: University of Houston- Downtown

26- Taylor Newton, "Analyzing Microangiogenesis of Porcine Ischemic Heart Failure Through Immunohistochemical Staining"
Research Mentor(s): **Eric Pfrender, Dr. Yasuhiro Shudo, Umayr Syed**
Project Location: Stanford University

Poster Presentation Session II – Undergraduate Level Projects (2:30PM-3:30PM):

27 - Maggie Ha, Christopher Hanna, Jeslin Jacob, Eunice Pelcastre Villanueva, "BRCA 1 and 2 Genomics Analysis"
Research Mentor(s): **Dr. Adriana Visbal**
Project Location: University of Houston Downtown

28 - Maggie Ha, "How many symmetries of the regular n-gon is even?"
Research Mentor(s): **Dr. Jean Nganou**
Project Location: University of Houston Downtown

29 - Timi Olawuwo, "The use of a Differential scanning calorimetry (DSC) to analyze cationic surfactants"
Research Mentor(s): **Dr. Robin Jose**

Project Location: University of Houston-Downtown

30 - Israel Orrillo, Joel Avila, Christopher Cortez, Araceli Martin, Juan Rivas, Alfredo Arroyo-Sanchez, "Structural Steel Splice Connection"
Research Mentor(s): **Dr. Jorge Tito, PE**
Project Location: University of Houston-Downtown

31 - Huy Pham, "Practices of VR for Attention Training"
Co-Author(s): **Dr. Ling Xu**
Research Mentor(s): **Dr. Ling Xu**
Project Location: University of Houston-Downtown

32 - Skyler Phillips, "BuzzMetrics: Harris County Mosquito Trap Data Analysis"
Co-Author(s): **Nadia Camacho, Dr. Katherine Shoemaker**
Research Mentor(s): **Dr. Katherine Shoemaker**
Project Location: University of Houston-Downtown

33 - Tina Prajapti, Audrey Rubio, "Screening Compounds for Their Anti-Cell Proliferation Properties"
Co-Author(s): **Jude Campbell**
Research Mentor(s): **Dr. Rachna Sadana**
Project Location: University of Houston-Downtown

34 – Ivan Reyes, "Comparative analysis of Arabidopsis thaliana from various regions under drought conditions: evidence of phenotypic plasticity"
Research Mentor(s): **Dr. Kattia Palacio-Lopez**
Project Location: University of Houston-Downtown

35 - Isabela Rodriguez Avila, "The Correlation Between Different Sleep Cycles and Alcohol Sensitivity and Tolerance."
Co-Author(s): **Joel Osegueda Delgado, Dr. Yuanyuan Kang, Evelyn Martinez**
Research Mentor(s): **Dr. Yuanyuan Kang**
Project Location: University Of Houston-Downtown

36 - Estefani Ruiz Toro, Husna Lumbila, "Utilizing ArcGIS and LiDAR Data to Analyze and Map Geomorphic Features of the Ragged Mountain Fault in Katalla, Alaska"
Research Mentor(s): **Dr. Sarah Heinlein**
Project Location: University of Houston-Downtown

37 – Alan Sanchez, "Profitability Analysis: An Event Study Approach on the Benefits and Drawbacks of Top Mergers and Acquisitions (M&A) Deals of 2019 – 2022 in the Oil and Gas Industry"
Research Mentor(s): **Dr. Esther Castro**
Project Location: University of Houston-Downtown

38 – Syeda Sanzara, "Can hybrids and parents' seeds of Arabidopsis thaliana (Mouse Ear Thale Cress) germinate after staying dormant for 7 years and complete an entire lifecycle to produce offspring? If so, do hybrids outperform their parents?"
Research Mentor(s): **Dr. Kattia Palacio-Lopez**
Project Location: University of Houston-Downtown

39 - Carlina Schubert, “Relationships among functional leaf traits in multiple grass species accounting for phylogenetic relatedness”

Research Mentor(s): **Dr. Michael Tobin**

Project Location: University of Houston-Downtown

40 - Maral Shareghi Borojeni, “Hydrogels for Undergraduate Chemistry Labs”

Research Mentor(s): **Dr. Elene Bouhoutsos-Brown, Dr. Eszter Trufan**

Project Location: University of Houston-Downtown

41 - Kyle Smith, “Readily available market noni juice does not evoke an equivalent aversive response in Drosophila simulans when compared to noni fruit in the wild”

Co-Author(s): **Ellen McMullen, Tareq Saquib, Gregg Roman, PhD**

Research Mentor(s): **Dr. Yuanyuan Kang**

Project Location: University of Houston-Downtown

42 - Elizabeth Snoddy, “Evaluating the efficacy of pine oil and lemon oil as biosafe alternatives to xylene in histological staining”

Co-Author(s): **Christina Nguyen, Stephanie Wolff**

Research Mentor(s): **Dr. Adriana Visbal**

Project Location: University of Houston-Downtown

43 - Eric Stinemetz, “Preliminary result of 3d mesh modeling for spatial analysis and teaching aids”

Research Mentor(s): **Dr. Sarah Heinlein**

Project Location: University of Houston-Downtown

44 - Lilith Sung, Patricia Amador, Amanda Chavez, Shalैया Freeman, Michael Fowler, “Spectroscopic study of biomarker amino acids and their interactions with inorganic species”

Co-Author(s): **Stephenie Chavarria**

Research Mentor(s): **Dr. Mian Jiang**

Project Location: University of Houston-Downtown

45 - Mark Ulincik, “Enhancing Supply Chain Resilience Throughout Reasoning”

Research Mentor(s): **Dr. Azadeh Izadi**

Project Location: University of Houston-Downtown

46 - Zara Usman, César Cutz, Danna Garcia, Arbaz, Khan, Hugo Lopez, Tsneem Sallam, Ali Samj, Yuliana Santos, “How the Movie "Interstellar" Proved Genetically Modified Organisms Could Solve a Global Food Crisis”

Research Mentor(s): **Ms. Mitsue Nakamura**

Project Location: University of Houston-Downtown

47 - Reymundo Vaesa, Noe Quintanilla, “Modeling the Effects of Wolbachia on the Dengue Virus Transmission”

Research Mentor(s): **Dr. Edwin Tecarro**

Project Location: University of Houston-Downtown

48 - Jesus Villalobos, Cristina Hernandez Diaz, “Genetic and environmental effects on the development of socially- and ecologically-relevant behaviors in the house fly *Musca domestica*”

Research Mentor(s): **Dr. Pablo Delclos**

Project Location: University of Houston - Downtown

49 - Benjamin Wineman, “Computing the properties of a novel phase-transfer catalyst and its precursors”

Research Mentor(s): **Dr. Maria Benavides**

Project Location: University of Houston-Downtown

50 - Eric Zunker, “Assessment of Titanium Polymerization Catalyst Structure”

Research Mentor(s): **Dr. Maria Benavides**

Project Location: University of Houston-Downtown

Poster Presentation Session II – Graduate Level Projects (2:15PM-3:00PM):

51 - Javier Berdejo, “Use of ARIMA models in Forecasting Student Enrollment”

Co-Author(s): **Dr. Justo Manrique**

Research Mentor(s): **Dr. Justo Manrique**

Project Location: University of Houston-Downtown, Marilyn Davies College of Business

Acknowledgments

The SRC event provides an opportunity to experience a professional conference simulation while still on the UHD campus. Most conferences do not state or outline a conference dress code, but rather allow the attendee to infer, through standards upheld by their disciplines' professional societies, the most appropriate dress expectations. SRC will adopt this approach in keeping with the nature of the disciplines comprising the conference and in keeping with the UHD mission/strategic plan supporting student inclusion.

It is a great pleasure to recognize the many individuals, organizations, and institutions supporting our UHD students in their research endeavors. These include significant funding of research over the past year from the Texas Workforce Commission (2824WPB005), The Brown Foundation, Inc., National Science Foundation (Award No. 0934913), DOED MSEIP (P120A190069, P120A220015, P120A230070), and University of Houston-Downtown.

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 and graduate 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 23rd Annual UHD Student Research Conference.

Thanks to the generous supporters of this student conference:

Texas Workforce Commission (2824WPB005)
The Brown Foundation, Inc.
National Science Foundation (Award No. 0934913)
DOED MSEIP (P120A190069, P120A220015, P120A230070)
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Please share your impressions of the SRC by completing a conference evaluation.

Post-Conference Evaluation Survey

Please complete the electronic Student Research Conference 2024 Post-Evaluation Survey by visiting the following web link and receive a Scholars Academy aluminum water bottle for your invaluable feedback:

https://uhd.qualtrics.com/jfe/form/SV_2rHbE1ZLCUh7Zr0

