



**25th Annual Student Conference for
Research & Creative Arts
April 15 - 18, 2019**

Schedule of Events

Student Conference Sponsors

We greatly appreciate the generosity and support from our sponsors:

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Check-In at Bayou Atrium I upon Arrival

Welcome! All attendees – presenters, volunteers, evaluators, and visitors – must first check-in at the registration table in Bayou Building's Atrium I before going to a presentation. Printed programs are available.

Please fill out the short [Conference Evaluation](#) after attending or participating in the conference. We appreciate your feedback.

On-Going Displays

Photographs from the Sultanate of Oman

Sultanate of Oman: Cultural Study Abroad

Monday, April 15 - Thursday, April 25, 2019

Bayou Building Atrium II

Sponsor: Dr. Maria Curtis

Posters

Wednesday, April 17 - Thursday, April 25, 2019

Bayou Building Atrium II

Poster presenters are encouraged to keep their posters on display for the week following the Student Conference.

Monday, April 15, 2019

12:30 - 5 p.m.

Registration
Bayou Atrium I

Check-in upon arrival

1 - 4 p.m.

Symposium
Bayou 1133

Health Care Administration and Nursing Symposium

Sponsors: Dr. Ashish Chandra, Dr. Karen Alexander

Presentations:

- Ryan Moore, William Kouba, Jeanette Anderson, Waveney Lagrone - Caring for the Minds of Our Veterans: A Comparison of Mental Health Treatments in the Veteran Population
- Javaria Yaqoob - Effects of Concealed Health Concerns by CEOs to Prevent Stock Plunges
- Tetiana Johnson - Personalized Customizable Medicine: Past, Present, and Future
- Jessica Marin - The Importance of Patient Privacy and Confidentiality in the U.S. Healthcare Industry
- Sherry Hardeo - Healthcare of Inmates in Texas Correctional Facilities
- Patricia Waters - A Critical Evaluation of How Healthcare Needs Differ for the Elderly - From Independent Living to Skilled Nursing Facilities
- Gabriel Garza - The Importance of Guest Services at Houston Methodist - A Personal Perspective
- Monica Rose - The Effects of Electromagnetic Frequency on Humans

4 - 6:50 p.m.

Roundtable
Bayou 1135

Human Rights and Health in the United States

"Health is a fundamental human right indispensable for the exercise of other human rights" begins the document of the Committee on Economic, Social, and Cultural Rights of the United Nations. Some aspects of health and human rights in the United States and globally are discussed.

Sponsor: Dr. Christine Kovic

- Presenters: Patricia Doyle, Sara Ray, Abdulrahman Qusadi, Sara Pineda, Lydia Newcomb

Tuesday, April 16, 2019

11:30 - 6 p.m.

Registration
Bayou Atrium I

Check-in upon arrival

12 - 1 p.m.

Oral Session
Bayou 1133

Education

Sponsors: Dr. Maria Curtis, Dr. Christal Seahorn

Presentations:

- Timothy Morrow - Interpretation & Supposed Identity: The Importance of Performative Persona in OWI
- Lacy King - The Infinite Sacrifice
- Adam Sendejas - How Museums Can Inform the Public of Climate Change

<p>2 - 4 p.m.</p>	<p>Oral Session Bayou 1133</p>	<p>Literature Sponsors: Dr. Craig White, Dr. Shereekha Subramanian, Dr. Michael Clody, Dr. Anne Marcoline Presentations: <ul style="list-style-type: none"> • Clark Omo - The Web of Fortune: Interconnectivity in Chaucer's "The Knight's Tale" • Clark Omo - The Grail of Expansion: Dismantling of the Imperialistic Ideal in Tennyson's "The Holy Grail" • Patrick Graham - From Consumer Good to Intellectual: The Evolution of the Ethnic Comedian in The Big Sick • Anne Ngo - Vietnamese Shopping Malls as Symbols of Generational Change and Continuity of Vietnamese Culture • Tammy Tran - Navigating Assimilation: Collectivist Identity in Immigrant Narratives </p>
<p>4 - 5 p.m.</p>	<p>Symposium Bayou 1333</p>	<p>Queer Zine Projects In the 20th century, subversive countercultures used zines to "get their message out" and circumvent the censure of large-circulation magazines. Students present the zines they created, discussing the messages and design elements that went into "queering" their zines. Sponsor: Dr. Christal Seahorne Presentations: <ul style="list-style-type: none"> • Jasara Scates - A Queer Zine for the Privileged • Kaira Jackson, Janai Baerga, Jessica Clakley - I am Here • Amanda Watts, Lauren Barajas - Diversity Zine Project </p>
<p>4 - 7 p.m.</p>	<p>Mock Trial Courtroom Bayou 1324</p>	<p>The State of Texas v Shawn Wright UHCL Contemporary Issues in Criminology students have developed the case, discovery and all aspects associated with this trial. Jurors have not been a part of the discussions so that they may remain unbiased. Sponsor: Joyce Delores Taylor PE, MA., MS Special Thanks to the College of Business, Dean's Office Personnel Presiding Judge: Joyce Delores Taylor Bailiff: Ivannia Coello Clerk: Anneliese Lierman Court Reporter: Diane Lu Prosecutors: Michael Harness Jr. & Jeffrey Ryan Defense Attorneys: Amy Green & Estefany Romero Main Juror: Rosmeri Duque</p>
<p>4 - 7 p.m.</p>	<p>Mock Trial Garden Room Bayou 1510</p>	<p>Mock Trial Overflow (Tentative) Live video feeds are in the Garden Room with discussion available. Sponsor: Joyce Delores Taylor</p>

7 - 9:50 p.m.	Symposium STEM 2103	Amazon Symposium Sponsor: Dr. Cindy Howard Presentations: <ul style="list-style-type: none"> • Justin Hansen - Utilization of Amazon Flood Plain Habitats for Reproduction in South American Fishes • Joshua Jaeger - The Mechanisms of Sexual Selection in Lekking Manakins • Khushali Desai – Amazonian Deforestation: A Leading Factor of Human-Wildlife Conflict • Richard McCrea - A Look at Mutualism in a Neotropical Environment • Mythreyi Jamadagni - Effects of Agricultural Intervention on Soil and Water of the Amazon • Torri Fugate-Mullins - Genus Saimiri and Current Speciation Models • Stephen Gruber - The Effects of Climate Change on Rainfall Patterns in the Amazon • Jennifer McNaspy - The Behavior and Ecology of the Pteronura Brasiliensis (Great River Otter) in the Amazon • Mackenzie Farrell - The Amazon Dart Frog Ranitomeya Amazonica • Jaydeep Dhillon – Amazon Rainforest and its Medical Applications
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Wednesday, April 17, 2019

8 a.m. - 6 p.m.	Registration Bayou Atrium I	Check-in upon arrival
9 - 10:30 a.m.	Oral Session Bayou 1135	Engineering Sponsors: Dr. Soma Datta, Dr. Gene Shan, Dr. Emre Kirac, Dr. Jiang Lu Presentations: <ul style="list-style-type: none"> • Mahrukh Sameen Mirza - Traditional and Agile Processes - A Systematic Review • Vijaya Parswam - Game-Theoretic Model of Sustainability of Health Information Exchange • Divyamani Tallavajjala - Disaster Relief Routing with Drone by Incorporating Social Media • Francisco Reveriano - Robot-Human Interaction with Face Expression Recognition Using Image Processing and Deep Learning
10:30 a.m. - 12 p.m.	Oral Session Bayou 1135	Science Sponsors: Dr. Yi Su, Dr. Samina Masood, Dr. David Garrison, Dr. JingJing Ma Presentations: <ul style="list-style-type: none"> • Issac Chavarria, Yi Su - Computational Studies of the Reactions of Organic mercury (Dimethylmercury/methylmercury) with Hydroxide Radical • Asia Eter - Effect of Magnetic Fields on the Biology of Plants • Scott McManus - Deriving the Geodesic Equation (The Michael Scott Method) • Jessica Smith - Positive Polynomials on $Q[\sqrt{(5&p)}]$

11:30 a.m. - 1:30 p.m.	Lunch Garden Room Bayou 1510	Sponsor: Student Conference for Research & Creative Arts Special Thanks to Chick-fil-A, Hwy. 96 & South Shore Boulevard, League City, TX
12:30 - 1:30 p.m.	Coffee House Forest Room Bayou 1418	Poems and Stories: Open Mic Reading and Creative Writing Exercise Attendees are invited to read their original poems, stories or memoirs, or read published work that they love. A creative writing exercise to inspire attendees to create new work led by Dr. Eleftheriou. Sponsor: Dr. Joanna Eleftheriou
1- 1:30 p.m.	Oral Session Bayou 1133	Criminology Sponsor: Dr. Tracy Andrade Presentation: Lesley Tribble - Texas Serial Murderer
1 - 2:30 p.m.	Poster Session I Bayou Atrium II	Poster Session I See Posters information in the next section of the program.
2 - 3:30 p.m.	Poster Session II Bayou Atrium II	Poster Session II See Posters information in the next section of the program.
2 - 4:30 p.m.	Deliberative Forum Forest Room Bayou 1418	Bullying: How Do We Prevent It? The framework for public deliberation of issues is designed to avoid divisive debate, in favor of highlighting concerns that many share. Speaker: Dr. John Thesis Sponsor: Dr. Se-Hyoung Yi Student Moderators - UHCL: Cheryl Curtis, Lesley Tribble, Cheyenne Valdez Student Moderators - Lone Star College: Meredith Moore
4 - 5 p.m.	Special Event Bayou 1335	School Me: A Liberal Arts Education in the Prisons UHCL, as an institution, has taught classes to incarcerated students since its inception in 1974. In recent years, Dr. Subramanian, who teaches humanities undergraduate and graduate classes at the Ramsey Campus, had the privilege of inviting a renowned film-maker and faculty colleague, Michael Brims, to record student presentations. Brims turned his hours of footage into an award-winning film that has not only garnered national and international attention with film awards, his film has been showcased within UH system, and was played at the Board of Regents meeting in November 2018. This was a momentous year for the educational program here at UHCL, directed by Dr. William Powers, since it was recognized by the Board of Regents' Academic Excellence Award. This film, "School Me" (Brims 2018) in which our incarcerated students speak directly to the audience, attests to the transformative power of education behind bars. Sponsors: Michael Brims, Shreerexha Subramanian

4 - 7 p.m.	Mock Trial Courtroom Bayou 1324	Mock Trial: The State of Texas v. Tracy Davis How do you know when a person breaks the law on purpose? What happens when a person whose judgment is impaired by mental illness, physical illness or substance abuse becomes a suspect in a criminal investigation? Mental impairment does not necessarily protect a suspect from criminal prosecution. Did the suspect understand that what she was doing was wrong? Constitutional safeguards of individual liberty are balanced against the need to protect public servants and other community members from harm. In State v. Davis, jurors must determine whether students prove beyond a reasonable doubt that Tracy Davis had the required mental state to commit the crime charged. Sponsors: Win Weber, J.D., UHCL Legal Studies Association Presiding Judge: Kerry L. Neves, 10 th Judicial District Court Bailliff: Hank Hughes, Patrol Officer, City of Nassau Bay, TX Presenters: Callie Rankin, Jasmine Vera, Amber Gutierrez, Jeffrey Ryan, Marisah Villarreal, Ana Del Toro, Kamron Zaheri, Mirian Castillo, Saige Crowder, Jodi Morris, Brandon Guerrero
Thursday, April 18, 2019		
2 - 6 p.m.	Registration	Check-in upon arrival
3 - 4 p.m.	Exhibit Bayou Building 2 nd floor	UHCL Story Core “Story Core” is an exhibit, designed to take viewers on a journey through UHCL’s Core Curriculum. Faculty and students showcase the kinds of engagement and learning that takes place in lower-division courses. Sponsors: Dr. Christal Seahorn, Core Faculty Advisory Committee, New Student Orientation, the Common Reader Program
4 - 6 p.m.	Roundtable Library Hawk’s Overlook	UHCL Common Reader Program Presents: “Who We Are and Where We’re Going: The Common Reader’s Big Reveal” Join the UHCL Common Reader Program as we reflect on our past since becoming a four-year institution, while looking ahead to our future programming. Next year’s mystery common reader will be revealed. Sponsor: Dr. Anne Gessler Guest: Representatives from NASA and Space Center Presenters: Matt Alatorre, Cameron Dornhoefer, Izuh Ikpeama, Anne Ngo, Maria Pedraza, Timothy Haynes, Brandon Peña
4 - 5:30 p.m.	Symposium Bayou 1335	Research on Applied Behavior Analysis: Interventions for Children Sponsors: Dr. Jennifer Fritz, Dr. Dorothea Lerman, Dr. Sarah Lechago Presentations: <ul style="list-style-type: none"> • Sarah Williams - Effects of Pre-Transition Quiet Time on Transition Duration and Problem Behavior • Christine Romo - The Effects of English and Spanish Instructional Training Sequences and Language Preference on the Acquisition of Conditional Discriminations in Children with Autism Spectrum Disorder (ASD) • Tessa Conaway - The Effects of Stimulus Prompts on the Problem-Solving Skills of Children with Developmental Disabilities

- Stephanie Soliz - The Effects of Echoic Responding During Receptive Training in Teaching Feature Function or Class
- Daniel Wright - Manipulation of Antecedent Variables to Increase Both Contextual Mand for Attention and Variability of Mand Frames

5 - 7 p.m.

Symposium
Bayou 1133

Sultanate of Oman: Cultural Study Abroad

Sponsor: Dr. Maria Curtis

Presentations:

- Jesus Mejia - Sports and Everyday Life in Oman
- Cassandra Sarmiento - Disaster Relief in Oman
- Lauren Buchanan - Omani Cultural Diplomacy
- Joseph Chason - A Comparison and Contrast of the United States Healthcare System Versus that of Oman's
- Kelly Hornsby - Islamic Art and Architecture
- Norma Lazo - Bedouins of Oman Coping with Modernization
- Tri Nguyen - Oman Government Support for Indigent Communities
- Sara Ray – Oman Education
- Jennifer Rodas - How Gender Identity and Sexual Orientation Have Been Named Over Time

5:30 - 7 p.m.

Symposium
Bayou 1335

Research on Applied Behavior Analysis: Interventions for Adults

Sponsors: Dr. Jennifer Fritz, Dr. Dorothea Lerman, Dr. Sarah Lechago

Presentations:

- Marisa Goodwin - Acquisition, Generalization, and Maintenance of Conversation Skills in Adults with Autism in a Group-Based Training Program
- Caitlyn Metoyer - Teaching Caregivers to Respond Safely During Agitated States of Aggression Children
- Alexis Marcoux - Teaching Self-Defense Skills to Caregivers of Children Who Engage in Aggression
- Justin Hunt - An Evaluation of Computer-Based Training to Detect Antecedents and Consequences of Problem Behavior in a Special Education Setting
- Fernanda Oda - The Effects of Audience Gender on Gender Biased Verbal Behavior and Self-Editing
- Jennifer Rodas - How Gender Identity and Sexual Orientation Have Been Named Over Time

Wednesday, April 17, 2019

Poster Session I: 1 - 2:30 p.m.

Poster #	Poster Session I: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
4	Analyzing and Mapping Hurricane Resiliency of UHCL Students	Mateo Bergamini Faculty Sponsor: Dr. Michael McMullen
55	Are Politics Worth the Effort? Trends in Modern Voting Behavior	Rachel Burridge, William Althoff, Tyler Duke, Midori Ventura Faculty Sponsor: Dr. Steven Sutherland
50	Social Media & Loneliness	Jasmyn Carswell, Alicia Lopez, Holly Findlay, Alana Egan Faculty Sponsor: Dr. Angela Kelling
8	Favorite Music Genre and Personality Correlation	Katisha Chaney, Joy Sharpe, Timothy Hayes, Riya Pujara Faculty Sponsor: Dr. Nicholas Shaman
45	Assessment and Treatment of Siblings of Special Needs Children	Brittany Clark, John Loh, Renee Raizen, Stefanie Kuhn Faculty Sponsor: Dr. Matthew Brown
34	Recovery of Sponge Microbiomes in the Flower Garden Banks National Marine Sanctuary Since the 2016 Localized Mortality Event	Dillon Charles Cline, Angelika Ortiz, Bhumika Upadhyay, Charis Ann Peterson, Maher Raja, Prathyushasai Machineni, Stephanie Dingman, Victoria Helen Vourganas, Trinity Ella Rust, Sophie Dot Robertson* *Clear Horizons Early College High School at San Jacinto Community College, South Campus Faculty Sponsor: Dr. Lory Santiago-Vasquez
13	Impacts of Child Sexual Abuse on Sexual Functioning on Women	Judith Estrada, Ioana Avery, Daniel Barrios, Galen Andrews Faculty Sponsor: Dr. Matthew Brown
57	Note-Taking Strategies and Social Media Use	Erin Forester, Erika Ferris, Mark Morris Faculty Sponsor: Dr. Angela Kelling
32	Synthesis of MoO ₃ Nanoparticles: A Comparative Study on Factors Affecting Crystal Growth, and Its Effects on the Photocatalytic Degradation of Methylene Blue	Armin Joshua Gallardo, Rio Carlo Lirag Faculty Sponsor: Dr. Rio Lirag
53	Autonomy in Friendships and Motives for Alcohol Use Among Students at a Nontraditional College Campus	Stefanie Garcia Faculty Sponsor: Dr. Christine Walther
27	Mixed Criticality Systems in Connected Electric Vehicles	Sean Graham Faculty Sponsor: Dr. Hakduran Koc
23	Visualization of Flooding Impacts	Mark Halle Faculty Sponsor: Dr. Soma Datta

Poster #	Poster Session I: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
74	Marital Satisfaction in Remarried Couples and the Link to Warmer Parental Relationship and Parental Alliance	Shaye Hicks, Tiari Contreras, Sarah Rathbun Faculty Sponsor: Dr. Matthew Brown
38	The testis-specific serine proteases PRSS44, PRSS46, PRSS54, and PRSS58 are dispensable for mouse fertility	Joshua Richard Holcomb Faculty Sponsor: Dr. Thomas Garcia
39	Male Contraceptive Development: Identification of reproductive tract-specific genes required for male fertility	Katarzyna Kent Faculty Sponsor: Dr. Thomas Garcia
37	Characterization of the Gut Microbiome of Captive Seals	Caroline Kmiecik, Farnaz Mazhari Faculty Sponsor: Dr. Michael LaMontagne
7	Management of Chinese Tallow Invasion on UHCL-37 Acre Coastal Flat-Woodland	Desai Kusali Faculty Sponsor: Dr. Cindy Howard
79	Effect of Victim and Perpetrator Sexual Orientation on Criminal Sentencing	Milos Lack Faculty Sponsor: Dr. Angela Kelling
67	Choosing a Mate for Today or for the Future?: Mate Selection Preferences Shift if Thinking About the Present vs the Future	Haley Lansford Faculty Sponsor: Dr. Amanda Johnston
29	Novel Aryl Acetamides: Multistep Synthesis of Compounds with Anti-Epileptic Activity	Lauren LeDuc, William Burns, Jorge Jaimes Faculty Sponsor: Dr. Anton Dubrovskiy
60	Exploring the Relationship Between Employee Personality Traits and Reactions Leadership Style	Michelle Mouton, Brandi McInnis, Karina Ramirez, Joshua Macomber Faculty Sponsor: Dr. Lisa Sublett
46	A Contrast of Two Nursing Theorist	Ana Neira Faculty Sponsor: Dr. Karen Alexander
63	The Difficulty of Multiple Hurdles in a Selection Process: The Impact of Hurdles on Post-Selection Affective Organizational Commitment and Job Satisfaction	Alvin Nguyen, Ashley Devereux, Jonathon Dixon Faculty Sponsor: Dr. Lisa Sublett
33	Perchloroethylene vs Alternatives in Dry Cleaning Solvents	Kayla Parker Faculty Sponsor: Dr. Phalen
21	Game Theoretic Model of Sustainability of Health Information Exchange	Vijaya Parswam Faculty Sponsor: Dr. Gene Shan
64	Minority and Gender Differences in Workplace Self-Efficacy as it Relates to Perceived Career Development	Alex Pearson, Danielle Abrant, Christopher Gatling Faculty Sponsor: Dr. Lisa Sublett
76	Markers and Attitudes About Adulthood Among Nontraditional Students	Sindel Pena Faculty Sponsor: Dr. Christine Walther
72	The Relationship Between Age and Stress in College Students	Michaela Petrosky Faculty Sponsor: Dr. Angela Kelling

Poster #	Poster Session I: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
49	Affects of a Brief Mindfulness Exercise on Time Distortion in Anxious Individuals	Tarryn Pollard, Beth Thompson Faculty Sponsor: Dr. Angela Kelling
75	Understanding the Risk Factors of Familicide in Male Perpetrators: Implications for Assessment & Prevention	Cindy Rios, Brittany Kingston, Christine Nguyen Faculty Sponsor: Dr. Matthew Brown
3	Sean Heavey vs Netflix: Fair Use Defense	Cindy Rivas Faculty Sponsor: Dr. Anna Klyueva
6	I Have Privilege?: Resilience and Perceptions Based on Identity Intersections	Jasara Scates Faculty Sponsor: Dr. Christine Walther
20	Data Mining	Terry Scott Faculty Sponsor: Dr. Kalanka Jayalath
24	Intrusion Detection in Internet of Things	Tanushree Sharma Faculty Sponsor: Dr. Soma Datta
69	The Effects of Humanizing Characteristics in Decision-Making Tasks	Matt Smith, Hajra Moinuddin, Christine Torossian Faculty Sponsor: Dr. Steven Sutherland
59	Alcohol Use Among UHCL Students Before and After Hurricane Harvey	Chelsey Smith, Amanda Marie Watts Faculty Sponsor: Dr. Christine Walther
51	Social Networking on Mood and Self-Esteem	Jackeline Solis, Katie Dworzycki Faculty Sponsor: Dr. Nicholas Kelling
58	Effect of Social Media and Loneliness	Tiemi Stiles, Venecia Garcia Faculty Sponsor: Dr. Nicholas Shaman
30	One-Pot Synthesis of Oxazolines from Readily Available Amides and Alkenes	Hannah Thompson, Muhammad Musa, Anton Dubrovskiy Faculty Sponsor: Dr. Anton Dubrovskiy
41	Assessment of the Threshold of Similarity for Defining Species of Rhizobacteria by Analysis of Spectra Generated by MALDI-TOF	Phi Tran Faculty Sponsor: Dr. Michael LaMontagne
87	An Introduction to the CSEA and its Implementation	Ahzuli Sosa Faculty Sponsors: Dr. Everett Penn, Pete Melchor

Wednesday, April 17, 2019

Poster Session II: 2 - 3:30 p.m.

Poster #	Poster Session II: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
80	A 5HT2A Serotonin Receptor Inhibitor Reduces Anxiety Measures in a Rodent Model of PTSD	Joseph Campbell, Holly Chapman, PingHsun Tsai, Clarissa Aguilar, Lillian Bratvedt, Mehrshad Keivan, Maher Raja, Victoria Bailey, Sonia Valdovinos, Luis Perez, Lisa Jatta Faculty Sponsor: Dr. David Malin
44	Photochemical Degradation of Two Common Antibiotics (Tetracycline and Sulfamethazine) in Aqueous Solutions	Mariana Cisneros, Yi Su Faculty Sponsor: Dr. Yi Su
43	Recovery of Sponge Microbiomes in the Flower Garden Banks National Marine Sanctuary Since the 2016 Localized Mortality Event: Molecular Bacteria Analysis	Dillon Cline, Prathyushasai Machineni, Angelika Ortiz, Trinity Rust, Tori Vourganas Faculty Sponsor: Dr. Lory Santiago-Vasquez
70	The Effect of Personality on Time Wall Estimation Test	Anna Copple, Brandon McGee, Naoshad Zaman Faculty Sponsor: Dr. Nicholas Kelling
81	Management of Chinese Tallow Invasion on UHCL-37 Acre Coastal Flat-Woodland	Khushali Desai Faculty Sponsor: Dr. Cynthia Howard
68	The Effect of Exercise on School Performance in a Graduate School Sample	Jamie Dyess, Vanessa Lara, Zachary Speer Faculty Sponsor: Dr. Angela Kelling
61	The Impact of Organizational Values: A Study on the Relationship Between Perceived and Objective Fit with Job Satisfaction and Organizational Commitment	Emily Eck, Karissa Marks, Magge Nunez Faculty Sponsor: Dr. Lisa Sublett
52	I "like" that!: Social Media and Mental Health	Amanda Esquivel, Rosa Cuellar, Magen Diehl, Sabeeha Kathrada Faculty Sponsor: Dr. Steven Sutherland
65	Social Mobility and Outgroup Favoritism as Predictors of Voting Behavior	Jade Garcia Faculty Sponsor: Dr. Amanda Johnston
86	Solving Traveling Salesman Problem Using IBM Q Quantum Computers And Understanding Quantum Programming	Alfonso Guevara, Nicholas Kindla Faculty Sponsor: Dr. Shih Liwen
82	An Inverse Agonist of the 5HT2A Receptor Reduces Nicotine Withdrawal Syndromes in Rats	Mallori Henceroth, Victoria Bailey, Joseph Campbell, PingHsun Tsai, Jordan Kishbaugh Faculty Sponsor: Dr. David Malin
15	Social Revitalization, Urban Development, and Community Food Gardens for "The Cove" in Orange, Texas: Can Creating Tiny Living and Micro Agrihood Spaces Revitalize a Diverse Low Income Neighborhood?	April Henderson Faculty Sponsor: Dr. Maria Curtis

Poster #	Poster Session II: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
19	Effects on Bacteria Due to Weak Magnetic Fields	Paul Hernandez Faculty Sponsor: Dr. Samina Masood
77	The Impact of Contextually Evoked Emotions in High Stakes Environments on Decisions	Jacqueline Khamma, Robin Richter, Maria Jose Valladares, Ellen Scott Faculty Sponsor: Dr. Steven Sutherland
12	Campus Sexual Assault: Assessing Student Attitudes Towards Rape Myths	Hannah Lairson, Anna Perez, Tara Bowman Faculty Sponsor: Dr. Kimberly Dodson
78	Self Confidence and Pornography Usage	Coralea Lowe Faculty Sponsor: Dr. Kimberly Dodson
36	Simple Checkerboard Assay Protocol for Testing Interactions of Essential Oils and Antibiotics in Vitro as Lab Exercise	Farnaz Mazhari, Caroline Kmiecik Faculty Sponsor: Dr. Michael LaMontagne
66	Effects of a Brief Web-Based Mindfulness Intervention on Stress Reduction in College Students	Sarah McKay, Safyah Alam, Kamara Barnett, Bianca Garcia Faculty Sponsor: Dr. Steven Sutherland
48	Bias and Student Interventions: How Does "Labeling" Attitudes in Intervention Among Student Ages 11 - 16?	Roseanna McLaren, Alexandra Yanta, Stephen Fox, Eva Cruz Faculty Sponsor: Dr. Steven Sutherland
17	Hawk Stories Day: An Artifact of UHCL's History	Anne Ngo Faculty Sponsor: Dr. Anne Gessler
35	Daily Trend of Airborne Bacteria in a University Building	Arthur Ngyuen Faculty Sponsor: Dr. Michael LaMontagne
14	Religion and Adoption	Sheresa O'Keefe Faculty Sponsor: Dr. Amy Lucas
11	Don't Be Rhombus: A Children's Book	Ethan Omo Faculty Sponsor: Associate Prof. Stuart Larson
10	God Does Not Condone That: A Study of How People's Religious Views Affect Their Stances on Social Issues	Lettisha Omo Faculty Sponsor: Dr. Michael McMullen
22	The Internet of Things and Agile Software Development	Shefali Patel, Damilola Ogunsola Faculty Sponsor: Dr. Soma Datta
73	Human Rights & Health in the United States	Sarah Pineda, Faculty Sponsor: Dr. Christine Kovic
71	Past Depression, Self-Esteem and Self-Disclosure Competence Predict Current Depressive Symptoms	Tarryn Pollard, Alana Egan, Alicia Lopez, Larissa Farah, Kristina Harper, Kenia Velasquez, Steven Bistricky Faculty Sponsor: Dr. Steven Bistricky
62	Applicant Reactions to Technologically-Mediated and Face-to-Face Interview Methods	Kyla Price, Ruby Salinas Faculty Sponsor: Dr. Lisa Sublett

Poster #	Poster Session II: Project Title	Author(s) / Faculty Sponsor Alphabetical by first author's last name
31	Characterizing Mutations in the Bridge Helix Region of RNA Polymerase II	Ruby Quijas, Kathleen Helget Faculty Sponsor: Dr. Brian Wasko
47	The Prevalence of Intellectual Disabilities in Children Served by the Welfare System	Katherine Ranton, Adriana Valdes Faculty Sponsor: Dr. Julia Strait
83	The Impact of Contextually Evoked Emotions in High Stakes Environment on Decisions	Robin Richter, Maria Jose Valladeres, Jacqueline Khamma, Ellen Scott Faculty Sponsor: Dr. Steven Sutherland
5	Texas Serial Murder - Dean Corll	Lindsey Rodriquez Faculty Sponsor: Tracy Andrade
40	Treatment of Pancreatic Cancer Cells with SWCNT-Polymer Nanocomplexes as Drug Carriers	Cristina Rosas, Paul Withey Faculty Sponsor: Dr. Paul Withey
84	Microplastic Concentrations in Galveston Bay, Texas	Samantha Stanley Faculty Sponsor: Dr. Cindy Howard
42	Putting the Minions to Work Sequencing the Plant Microbiome	Phi Tran, Michael LaMontagne Faculty Sponsor: Dr. Michael LaMontagne
1	Should We Have the Death Penalty	Nathanial Trevino Faculty Sponsor: Dr. Michael McMillen
85	A 5HT2A Receptor Inverse Agonist Reduces Rats' Persistent Interactions with Marbles	PingHsun Tsai, Leah Jorewicz, Joseph Campbell, Katharine Crooks, Clarissa Aguilar Faculty Sponsor: Dr. David Malin
18	UHCL Parking	Villegas, Lorenza Faculty Sponsor: Dr. Michael McMullen
54	Different Study Environments	Victoria Walker, Shibnah Agha, Christopher Beard, Allison Kelly Faculty Sponsor: Dr. Steven Sutherland
56	Diversity Zine Project	Amanda Watts Faculty Sponsor: Dr. Christal Seahorn
28	The Quantification of Beauty with Artificial Intelligence	Naomi Wiggins Faculty Sponsor: Dr. Liwen Shih

Warm Thanks and Appreciation

Thank you to the presenters and their faculty sponsors, the evaluators, volunteers, and committee members whose skills, expertise, enthusiasm and effort made the Student Conference for Research and Creative Arts possible:

Evaluators	Volunteers	Faculty Committee	Committee Members
Aliya Beavers, M.A. Steven Bistricky, Ph.D. Dennis Casserly, Ph.D. Denise Cazes, M.A. Soma Datta, Ph.D. David Day, J.D., Ph.D. Anton Dubrovskiy, Ph.D. Joanna Eleftheriou, Ph.D. Kathleen Garland, Ph.D. Stephen Gruber, M.S. Hae Rim Jin, Ph.D. Angela Kelling, Ph.D. Anna Klyueva, Ph.D. Stuart Larson, M.F.A. Anne Marcoline, Ph.D. David Malin, Ph.D. Ryan Marek, Ph.D. Susan Pihoda RN, M.S., FNP Wanalee Romero, Ph.D. Bazlur Rashid, Ph.D. Christal Seahorn, Ph.D. Xiaojun Shan, Ph.D. Julia Englund Strait, Ph.D. Christine Walther, Ph.D. Chris Ward, Ph.D. Brian Wasko, Ph.D.	Olanrewaju Ajayi Randon Anderson Dhvani Desai Kenneth Dickson Jared Jankowski Shobana Jayapalan Lilac Lee Angie Montelongo, M.S. Stephanie Musquiz Brooke Saner	Kathleen Garland, Ph.D. Stuart Larson, M.F.A. Samina Masood, Ph.D. Joyce Taylor, P.A., M.A., M.S. Angelica Tello, Ph.D.	Pilar Goyarzu, Ph.D. Andrea Anderson, M.S., PA-C Anthony Caballero Ivan Cazares Edward Knowles Angeline Liles Dianne Lu Ryan Muller

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Estelle Gillette	Chris Wagner
Michael Reeves	