

23rd Annual Student Conference for Research and Creative Arts

April 17 – 20, 2017




University of Houston  Clear Lake

Schedule of Events

Monday, April 17

2:00 pm - 7:00 pm **Registration**
Bayou Atrium I

3:00 pm - 3:30 pm **Oral Session 1** **Science**
Forest Room **Sponsor:** Thomas Garcia
Bayou 1418 **Presenters:** Samina Kazi, Thomas Garcia

3:00 pm - 4:00 pm **Roundtable 1** **Communing Across Differences: Community, Identity, and Belonging in The Book of Unknown Americans** 
Bayou 1219 **Sponsor:** Anne Gessler
Student Presenters: Emily Juhasz, Mohamed AbdelGilil, Lori Hatcher, Annette Collins, Alyssa Salinas, Ashley Savell, Nataly Florez-Gomez

3:00 – 7:30 pm **Symposium 1** **Business and Health Care Administration**
Forest Room **Sponsors:** Constance Lehmann, Ashish Chandra, Femi Avadi
Bayou 1418 **Presenters:** Jonny Headberg, Adriana Rivero, Mahshid Mirfattah, Wilma Lobo, Julian Toledo, Grace Itiowe, Mayank Kakkar, Ravi Bhatt, Jack Trinh, Adil Bhaghani, Alexandria Logoria-Lopez, Neha Singh, Xochitl Flores, Vineeta Dharmaraj, Janie Ochoa, Karen Trevino

5:00 pm – 6:00 pm **Dinner** **Tickets Required**
Garden Room
Bayou 1510

5:30 – 7:00 pm **Roundtable 2** **Examining Influence of Educational Mobile Application Software on Student's Technology Literacy**
Bayou 1219 **Sponsor:** Jana Willis
Presenter: Ming-Lii Twu

7:00 – 10:00 pm **Roundtable 3** **Delta Xi Nu Multicultural Sorority: Human Trafficking Panel**
Garden Room **Sponsors:** Joyce Taylor, Kyle Wofford
Bayou 1510

Tuesday, April 18

9:00 am – 7:00 pm **Registration**
Bayou Atrium I

10:00 am – 12:00 pm **Oral Session 2** **Humanities and Education**
Bayou 1135
Sponsors: Heather Kanenberg, Mike McMullen, Chloe Diepenbrock, Dawitt Woldu
Presenters: Sarah Cooper, Benjamin Oliver, Luke Cooley, Kevin Johnson

1:00 pm – 4:00 pm **Oral Session 3** **Computer Science and Mathematics**
Bayou 1133
Sponsors: Soma Datta, Yingfu Li
Presenters: Likith Sai Devengam, Nayana Kotha, Veneela Nagabandi, Si Kiran Ippili, Tanushree Sharma, Akansha Kadam, Cao Xu, Hoa Vo

7:00 pm – 9:50 pm **Symposium 2** **Amazon Rainforest Symposium**
Bayou 1133
Sponsor: Cindy Howard
Presenters: Darbi Harris, Margene Lenamon
Special Presentation: Michael Hunt on Dolphins of the Amazon

Wednesday, April 19

9:00 am – 7:00 pm **Registration**
Bayou Atrium I

10:00 am – 11:00 pm **Oral Session 4** **Literature**
Bayou 1135
Sponsor: Craig White
Presenters: Zachary Thomas, Timothy Morrow, Chandler Barton

11:00 am – 12:00 pm **Oral Session 5** **Pioneers of Modern Drama: Ibsen, Wilde, Chekhov**
Bayou 1135
Sponsor: Elizabeth Klett
Presenters: Timothy Morrow, Janelle Hill Adams, Angela Cooper

1:00 pm – 3:00 pm **Symposium 3** **Propaganda and Persuasion in Everyday Culture**
Bayou 2524
Sponsor: Beth Merfish
Presenters: Elizabeth Haden, Brad Cannon, Abel Hernandez, Erin Nicole, Mark Stapelfeldt, Brian Boren

3:00 pm – 5:00 pm **Event I** **Coffeehouse Poetry Reading/Open Mike**
Hawk's Overlook
Neumann Library
Sponsor: Joanna Eleftheriou

3:00 pm – 4:30 pm **Poster Session I** **Go to [Poster Session I](#)**
Bayou Atrium II

4:00 pm – 5:30 pm **Poster Session II** Go to [Poster Session II](#)
Bayou Atrium II

4:00 pm – 7:00 pm **Event II A** **Mock Trial: The State of Texas vs. Lewis**
Bayou Courtroom YouTube live: <https://youtu.be/O6Tc7nk5-UE>
Sponsor: Win Weber
Presiding Judge: Kerry Neves, 10th Judicial District of Texas
Baliff: Hank Hughes, Officer, City of Nassau Bay
Court Reporters: Alvin Community College Students TBA
Presenters: Jasminder Singh, Vineeta Dharmaraj,
Ruben Montemayor, Helen Hoang, Amanda Quintanilla, Nick Rutledge
Jurors: Geoff Anderson, Sheila Anderson, Chris DuPont, Jay Silver,
Miss Isabel Traslaviña, Genevieve Weber

4:00 pm – 8:00 pm **Event II B** **Mock Trial Simulcast - Live Feed from the Courtroom**
Garden Room **Coordinator:** Joyce Taylor
Bayou 1510

5:30 pm – 7:30 pm **Dinner** **Tickets Required**
Forest Room
Bayou 1418

7:00 pm – 10:00 pm **Event III** **Animation Symposium and Film Festival**
SSCB Lecture Hall **Sponsors:** Anne Henry, Martin Wnuk
Presenters: Dominique Beyonce-Hilton, Victoria Ugalde,
Matt McKenzie, Laura Marin, Imhoptep Blot

Thursday, April 20

3:00 pm – 7:30 pm **Registration**
Bayou Atrium I

3:00 am – 4:00 pm **Faculty Colloquium** **Promoting Student Work Beyond the Classroom--Why, How, Where?**
Forest Room **Panel:** Core Faculty Advisory Committee
Bayou 1418

4:00 pm – 4:30 pm **Event IV** **Introduction to Topics in Physics**
Bayou 1133 **Speaker:** Samina Masood

4:00 pm – 5:00 pm **Oral Session 6**
Bayou 2234

Sociology

Sponsors: Diana Bowen, Joyce Taylor, Michele Peters
Presenters: Jessical Clakley, Cheryl Curtis, Carole Sylvers, Errica Jones

4:30 am – 6:30 pm **Symposium 4**
Bayou 1133

Topics in Physics

Sponsor: Samina Masood
Presenters: Mohammad Abdul-Moqueet, Ecklin Crenshaw, Kevin Do, Alex Monchak, Lawrence Rhoads, Derek Smith

4:00 pm – 6:00 pm **Event V**
Forest Room
Bayou 1418

**Ramsey Campus (Incarcerated Students) Students
Video Symposia**



Critical Inquiries on Race, Class, Gender (Fall 2016)

Sponsor: Shreerekha Subramanian

Presenters: David Crowe (grad), Steven Peace (grad), Jeremy Busby, Tuan Dang, William Delhagen, Tommy Duncan, Chance Gonzales, Verrick Gray, Richard Haley, Jack Hamons, Steven Hatfield, William Hoach, Joseph Manson, Brett Massey, Javier Trevino, Johnny Ward, Walter Williams, Kenneth West

Roundtable Highlights (Fall 2015)

Sponsor: Shreerekha Subramanian

Undergraduates, Lockdown Love

Presenters: Lehman Chatmon, Johnny Ward, Troy Roberson, Seth Wagoner, Javier Trevino, Jeremy Gartrell, Demario Williams, Tommy C. Duncan, John Kevin Oakes, Kenneth West, Chance Gonzales, Walter Williams, William Delhagen, Joshua Daniel Bayles, Tuan Dang, Antoine Thurston, James Gilley

Graduates, Text under Sentence

Presenters: Reaz Ahmed, Jules F. Clark, David Crowe, Armando Flores, Jr., Norman Thomley, Pete Salas, Lenox Watson

4:00 am – 7:00 pm **Symposium 5**
Bayou 2236

Current Research in Behavior Analysis I

Sponsors: Dorothea Lerman, Jennifer Fritz, Sarah Lechago

Presenters: Lenzie Peacock, Carolyn Grob, Stephanie Smothermon, Julia Emery, Cierra Wieghat

Current Research in Behavior Analysis II

Sponsors: Dorothea Lerman, Jennifer Fritz, Sarah Lechago

Presenters: Jacob Conley, Lisa Rettig, Louisa Hussein, Kate Shepard, Channing Langlinais

Wednesday, April 19, 2017

Poster Session I: 3:00 pm – 4:30 pm

Poster #	Poster Session I: Project Title	Authors
4	What Students are Really Learning in the Classroom	Angela Y. Alderman
6	Why is Play important for Children's Learning?	Talal Alzahrani
7	How does nature and play in the Reggio Emilia approach benefit children with special rights?	Anna Gonzalez
8	Assistive Technology	Pan Cheng-Ting
9	Special Needs Children and Unique Circumstances in Assessing Parental Attachment	Chantail Green, Fernando Loreda, Shaiipaula Thomas
10	The Effects of Helicopter Parenting on Parent Accommodation Behaviors	Laurel Casillas, Hira Hussain, Bri'Ana Gardiner, Christine Walther, Sara Elkins
11	Parent-Child Reading and Cognition in Preschool Children	Amanda Salinas, Quynh Wong
14	Houston and the Spanish Language	Joshua Smithers
16	An Exploration of the Relationship Between Age and Racial Biases	Sharamie Cooper
17	The difference religion can make on grade point average	Shannon Cannon
19	Factors Influencing Donation Participation in UHCL	H. Lynn Zhang
21	Perceived and Actual Sexism	Shelby Terral,
22	Sexual Education	Xochitl Rodriguez
23	Sexual Desire Discrepancy and Relationship Satisfaction in Heterosexual Couples	Sepidah Kharrat, Alejandra Cervantes , Nathaly Moreno, Melissa Lane
26	Linguistics and Multi-ethnic Relationships	Erica Turner
27	Does Gender Influence Attitudes about Abortions?	Jaqueline Cardenas
29	Feminism In Contemporary College Society	Kelly Meier
30	Trend in Domestic Violence Victims and Their Families	Franchase White
35	Religiosity and the Concealed Campus Carry	Alexandria Muellner
37	Campus Concealed Carry and Students Level of Concern	Emma Briggs
38	Authoritive Police Officers	Crystal Galvan
40	Effects of Attitudes Towards Race and Police Use of Force	Joneka Loyd
41	The Perception of College Student Alcohol Consumption among Traditional-Aged and	Aussie Ravandi, Bianca Garcia, Shaq Morales, Alejandro Tapia, Christine Walther

Poster #	Poster Session I: Project Title	Authors
	Nontraditional-Aged College Students	
42	Effects of Spontaneous and Instructed Emotion Regulation on Competing Emotion Regulation Strategies	Jessica Balderas, Krissy Harper, Staci Schield, Kristen Boyd Steven Bistricky
43	Emotion regulation and attention in dysphoria: When does rumination predict mood-congruent attention?	Kristen Boyd, Jessica Balderas, Stephen Rogers, Mary Short, Steven Bistricky
46	Impact of Mindfulness Meditation on Compassionate Behaviors	Stephen Rogers, Jesica Joseph, Kranthi Pushpala, Traci Bordelon
47	Trait Mindfulness and Short-Term Mindfulness Use as Predictors for Anxiety Level	Diana Cook, Krissy Harper, Jennifer Bui, Staci Schield, Katie Dworzycki, Caroline Roberts, Donielle Garcia, Amanda Johnston, Sara Elkins, Steven Bistricky
48	I Need a Safe Space: Avoidance and Anxiety among College Students	Elizabeth Rainey, Kristin Boyd, Kimberley Brown
49	The Anxiolytic Effects of the 5-HT2A Antagonist Pimavanserin on a Rodent Model of Anxiety	Holly Chapman, Ryan Hughes, Joseph Campbell, Clarissa Aguilar
51	Stressors on Parents with a Terminally Ill Child	Raquell Riddell, Paige Wyatt, Vinny Gonzales
52	Reckless Teenage Years: The Study of Adolescent Personality Development	Ember Taylor, Claire Wolken
53	Social Media Verses Teenage Girls	Toni Scott
57	Football Rocks	Patricia Doyle, Maryanne Nnake, Alex Vega, Areli Barajas
58	Is there a relationship between daily caffeine intake and sleep deprivation among college students?	Elizabeth Montemayor
60	Between Minds: The Truth Behind Left and Right Brain Function	Luis Zepeda, Robin Richter, Stefanie Garcia
63	College Tardiness	Courtney Warncke, Michael McMullen
64	Homelessness in Society	Miriram Ortiz
65	Ready for Ethical Social Work? Political Engagement Among Bachelor Social Work Students	Nikki Vogel
66	The Effects of Priming on Job Search Behaviors and Perceived Job Success	Rachel McCleary, Shruti Mhaskar, Aiesha Calhoun, Esmeralda Linares
67	The Influence of Self-Disclosure on Judgment	Katlynn Dahl-Leonard, Hira Hussain, Krystal Smith, Angelica Cruz
69	The Impact of Knowledge about how Industrialized Countries Execute Healthcare on People's Attitudes and Opinions about Healthcare in the United States	Alexandra Hunter
70	Stigma and Power	Andrea Bland, Symya Southern, Elizabeth Patin
76	Demographic Analysis of National Park Use	Corey Williams
78	Staying Safe on the Street _ Analysis of Hit and Run Crashes for Pedestrian Safety	Amy Do

Poster #	Poster Session I: Project Title	Authors
79	Validation of Using a drone to Inspect Metal Roofing	Joy Bradbury
80	Storm Surge and Evacuation Routes in the Dog River Watershed	Erika McCord
83	Virtual Reality	Shail Panchal, Sravana Jonnakuti
84	Project R.O.S: NASA Swarmathon	Alfonso Guevara, Samuel Norman, Carl Abrau, Jonahthan Goff, Hector Estrada
85	SATOP Wing Design	Alexis Gonzalez, Giovanna Trevizo
86	The Subtle Role of Deep Learning in Machine Learning and Artificial Intelligence	Krishanu Sinha
88	Waterfall vs Spiral Process Model	Sai Kumar Reddy Sheru, Sri Ramya Ivvala
89	A Framework For Data Mining Using Software Engineering Techniques	Nikunj Patel, Pratyusha Gandham
90	Development cycle for social media application	Pinal Dudhat, Snigdha Dontharaju
91	Exploring Inducible Nitric Oxide Synthase-Interacting Proteins by Exploiting the TET-ON Inducible System	Dolores Garcia, Dishant Bhatwala
94	Synthesis of Naphthalenes via [4 + 2] Cycloaddition of Conjugated Dienes with Benzene.	Monica Scotka, Greissy Jerezano
98	Isolation and characterization of novel fungal strains exhibiting ligninolytic potential in solid phase fermentation	Aniket Joshi
99	Identification of bacteria isolated from sponges <i>Agelas clathrodes</i> and <i>Xestospongia muta</i> obtained from Flower Garden Banks National Marine Sanctuary (FGBNMS) using MALDI - TOF MS	Dhatri Pandya, Jarallah Alfahad
100	Biological Contamination Treatment; Enhanced Bioremediation	Nataly Florez-Gonzalez
101	Learning Styles: Do They Matter	Jared Koehler, Kaley Campbell, Jennifer Craft, Halie Harrelson

Wednesday, April 19, 2017

Poster Session II: 4:00 pm – 5:30 pm

Poster #	Poster Session II: Project Title	Authors
1	Thinking Creatively About Critical Thinking	Rosemary Kline
2	Interactive Animations	Victoria Ugalde, Madeline Harper, Collins Hatley, Timothy Cheng, Sam Lindsley
5	Using Games to Introduce Research - Based Behavioral Interventions for Students with EBD in Inclusive Settings	Briana Myrick
12	Race and College Academic Major: How do they Compare?	Margarita Perez
13	Academic Achievement Gaps: It's in Black & White	Thomala Walker-Robertson
15	Cultural Considerations for RELATE in Middle Eastern & Hispanic Populations	Vianey Irineo, Malihe Salari, Dairy Villavicencio, Matthew Brown
18	Non-medical vaccine exemption in Texas school districts for years ending 2013 through 2016	John Plail
20	Heterosexism in the Media	Bethany Watkins, Tammy Taylor, Sarah Zahrani
24	Overcoming Infidelity: Tailoring Treatment for Couples	Elaine Barclay, Ashley Hendrix
25	Passion and Romance Differences in Intimate or Committed Relationships Between Individualistic and Collectivistic Cultures	Pooneh Asgari, Larissa Farah
28	The Texas Crusade Against Abortion: How the Pro-Life Movement Causes Death to Women	Kelly Meier
31	Solo Mothers: Current Challenges Post-Welfare Restructuring	Maegan Machala
32	Prison Nurseries: Public View on Nationwide Implementation	Jamie Guedry, Robin Surprise
33	Women & The Death Penalty	Madison Hastings
34	The Influence of Attachment Styles on the Behavior of College Students	Shaina Mcmillian, John Weigel
36	Student Perceptions and Support of the Texas Campus Carry Law	Amanda Johnson, Michael Ochoa
39	The Attitudes of Public Citizens Toward Police	Latonya Provo
44	Personality Facets Predicting Dual Dimensions of Counterproductive Work Behavior	Caroline Kuhn, Meghlynn Achez, Jared Reese
45	Opioid Use Disorder in the Hispanic Adolescent and Young Adult Population	Lauren Novak
50	The Role of Parenting on the Effects of Early Childhood Maltreatment: Do Parenting Practices Serve as a Predictor of Adolescent Delinquency?	Lindsay Clark, Morgan Willis, Christine Walther, Sara Elkins

Poster #	Poster Session II: Project Title	Authors
54	Multitasking Accuracy by Task Similarity	Rebecca Ruiz, Andrew Benson, Aston Wallin
55	The Influence of Multitasking on Detecting Deception	Raven Jacobs
56	Tutoring the Wason Selection Task with Deontic Tasks	Andrea Crosser
59	Relationship of Lyrical Content & Memory with Mood Regulation and Psychopathology	Eric Hernandez, Miranda Mejstedt, Evelyn Arreola
61	The Perceived Team Support and Satisfaction Model: The Moderating Role of Communication Styles	Danielle Riley, Kameron Haughton, Dylan Johnson, Olaguibel Sampogna
62	To Punch or Not To Punch?	Victoria Cassel, Aracely Chinn
68	Disaster Site Damage Assessment Practices	Abrin Brooks
71	The Relationship Between Leadership Styles and Engagement in the University Classroom	Sarah Ali, Sarah Radwan, Leeta Keels, Jeri Jones
72	Hiring Decisions and Tattoos	Robin Ramirez, Abdulkarim Alabdulkarim, Long Dang, Curtis Williams
73	Transplanting Livelihoods: Urban Gardens and Placemaking Among Displaced Peoples in Houston, TX	Jacob Moore
74	Grand Parkway and Land Use Changes in Tomball Texas	Kristen Mendenhall
75	Mapping Texas' Tornado Alleys	Wayne Swisher
77	Sign Violations in League City	Clark Lehrmann
81	Impervious Land Cover Change in the Floodplains of the Clear Creek Watershed from 2000 - 2015	Corey Williams
82	Comparative Study of Bacterial Growth in Magnet Fields	Jeffrey Gale
87	Reusable Software Refactoring Process	Mounika Kukkadapu
92	Modeling Natural Attenuation of Benzene Contaminated Groundwater	Kaitlyn Carter
93	Enhance the Removal of Phosphorus Using Anoxic Zones: Comparison between Two Municipal Treatment Facilities	Susie Blake
95	A Comparison of Heavy Metals in Oysters from Three Reef Restoration Designs in West Galveston Bay, Texas	Korry Huddleston
96	Mapping Communities of the Water Hyacinth in Brazoria County, Texas	Karen Downey
97	What caused the mass die-off of the East Flower Garden Banks in the Gulf of Mexico? A bacterial community study of sponges A. Clathrodes and X.Nutans	Michael Grimes, Sai Shankar Ramakrishnan, Sandra Ghattas, Shreena Bhakta



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