

University of Houston  Clear Lake



Program for the 2022



**University of Houston-Clear Lake
Student Conference
for Research & Creative Arts**





Tuesday, April 12, 2022

What can we learn from Contemporary Intimacies?: An analysis on Religion, Race, Jealousy and Violence in Consensual Non Monogamies Relationships

**8:00 p.m. – 9:30 p.m.
Forest Room (B1430)**

**Faculty Chair: Dr. Giazú Enciso Dominguez
Guest Discussant: Dr. Olivera Jokic, City University of New York**

Title: An Unlikely Pairing? Religion and Consensual Non-Monogamy

Presenters: Gabriele Hearn & Sarah Lara

Title: Jealousy: Tensions Between Academic Literature and Media Representation

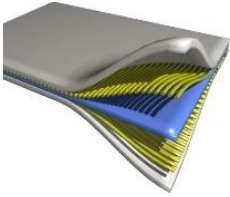
Presenters: Gozde Tura & Phenix Philbert

Title: It's Not What You Think: The Complexity of Violence and Abuse in Consensual Non-Monogamy

Presenters: Haley Briggs & Frida Mora de Luna

Title: The Invisibility and Misrepresentation of Racial Minorities in Consensual Non-Monogamous Relationships

Presenters: Shay Charles & Maria Powell



Monday, April 18, 2022

Composite Materials

10:00 a.m. – 12:00 p.m.
STEM 2103

Faculty Chair: Dr. Youssef Hamidi

Zoom link:

<https://zoom.us/j/99072072361>

Title: Effect of Nanoclay in Glass/Epoxy Composites

Presenter: Colton Blaylock

Title: Improving Interfacial Bonding of Composites Using Carbon Nanotubes

Presenter: Lauren Cotten

Title: Nanomaterial Dispersion Methods in Epoxy Resins

Presenter: John Crocker

Title: Review of Biodegradable Composites

Presenter: Miguel De Leon

Title: Measurement of Mechanical Properties Carbon Fibers

Presenter: Mustafa Hyder

Title: Moisture Absorption Effects on the Mechanical Properties of Composite Laminates

Presenter: Samuel Mansfield

Title: Exploring Carbon Nanotubes to Enhance Carbon/Epoxy Composites

Presenter: Ava Robson



Friday, April 29, 2022

Individual Sessions

(see times below)

Zoom link:

<https://uhcl.zoom.us/j/92141668404?from=addon>

Title: Mapping Recycling Opinion Data in Houston

Presenter: Carlo Giovanni Mazziotta

Faculty Advisor: Dr. Mike McMullen

Time: 10:00 a.m.

Title: Can Men and Women Be Just Friends?: Attitudes on Cross-Sex Friendships

Presenter: Kristi Arispe

Faculty Advisor: Dr. Mike McMullen

Time: 10:20 a.m.

Title: Impact of Processing Parameters on 3D Printed ASA Materials

Presenters: Mario Barron Gonzalez & Jose Anibal Ramirez

Faculty Advisor: Dr. Kazi Md Masum Billah

Time: 11:40 a.m.



Thursday, May 5, 2022

**Current Research
in Applied Behavior Analysis Sessions**

4:00 p.m. – 6:50 p.m.

Zoom link:

<https://zoom.us/j/99072072361>

Title: Caregiver-Implemented Precursor Functional Analysis and Treatment

Presenters: Samantha P. Dyer & Victoria L. Fletcher

Faculty Advisor: Dr. Jennifer N. Fritz

Title: Assessing the Generalization Effects of Awareness Training in a Speech Context to Decrease Speech Disfluencies during Professional Activities

Presenters: Sydney E. Dillinger-Mewbourn & Ellie M. Hardesty

Faculty Advisor: Dr. Dorothea Lerman

Title: Evaluating the Effectiveness of a Pre-requisite Skills Assessment to Identify Optimal Modalities for Mand Training: An Extension Addressing Conditional Discrimination

Presenter: Mary E. Signorella

Faculty Advisor: Dr. Sarah Lechago

Title: Comparison of Synchronous and Noncontingent Reinforcement on Task Engagement

Presenter: Elizabeth M. Hardesty

Faculty Advisor: Dr. Dorothea C. Lerman

Title: Teaching Interview Skills to Young Adults with Intellectual and Developmental Disabilities via Video Conferencing Software

Presenters: Jennifer Darce & Amanda Davis

Faculty Advisor: Dr. Sarah Lechago

Title: Teaching Siblings and Caregivers to Respond Differentially to Younger Siblings' Precursors

Presenters: Brianna Banks & Victoria L. Fletcher

Faculty Advisor: Dr. Jennifer N. Fritz

Title: Telehealth Training of Caregivers to Increase PAP Machine Use in Adults with Down Syndrome

Presenter: Emma J. Walker

Faculty Advisor: Dr. Dorothea C. Lerman

Title: Teaching Caregivers to Respond Safely During Agitated States Before Aggression Using Simulation Training via Telehealth

Presenters: Aundrea M. Abernathy & Victoria L. Fletcher

Faculty Advisor: Dr. Jennifer N. Fritz

Title: Functional Analysis and Treatment Comparison for Aggression by Cats During Petting

Presenters: Amanda C. Davis, Victoria L. Fletcher & Jennifer T. Nguyen

Faculty Advisor: Dr. Jennifer N. Fritz

Title: Using Joint Control Training to Teach Receptive Identification with Adjectives to Children with Autism

Presenters: Gabrielle Pringle, Amanda King & Andrea Hoang

Faculty Advisor: Dr. Sarah Lechago

Title: Virtual Training of Medical Professionals on Behavioral Management for Individuals with Intellectual and Developmental Disabilities

Presenters: Andrea Q. Hoang & Jennifer T. Nguyen

Faculty Advisor: Dr. Dorothea Lerman

Title: 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)

Presenters: Arabelle Martin & Christine Romo

Faculty Advisor: Dr. Sarah Lechago

Title: Caregiver Preference for Interventions for Problem Behavior Maintained by Social-Negative Reinforcement Via Telehealth

Presenters: Jordan L. Hardee & Victoria L. Fletcher

Faculty Advisor: Dr. Jennifer N. Fritz

Title: Assessment and Treatment of Problem Behavior Evoked by Divided Attention via Telehealth

Presenters: Chessa E. Coad & Victoria L. Fletcher

Faculty Advisor: Dr. Jennifer N. Fritz



Thursday, May 5, 2022

Environmental Science
Research Projects and Seminar

6:00 p.m. – 9:00 p.m.
B3332

Zoom Link:

<https://uhcl.zoom.us/j/99041689198?pwd=ZkFFOHMrL2pmckxyOC9Vazk2dE5BQT09>

Title: The Effects of Rising Sea Levels in Samoa

Presenter: Nathalie Bello

Faculty Advisor: Dr. Cynthia Howard

Time: 6:00 p.m.

Title: Investigating Abrasion Effects of Lunar Simulant Grain Sizes on Candidate Spacesuit Fabric

Presenter: Jacquelyne Black

Faculty Advisor: Dr. Daniel Imrecke

Time: 6:25 p.m.

Title: Air Quality during Stay-At-Home Orders and other COVID-19 Related Activity Changes in Four Large Cities in the U.S.

Presenter: Liliana Gonzalez

Faculty Advisor: Dr. Chunlong (Carl) Zhang

Time: 6:50 p.m.

Title: Factors Contributing to the Disappearance of Guadalupe Bass (*Micropterus treculli*) in the Cibolo Creed Watershed of South Central Texas

Presenter: Sara Lopez

Faculty Advisor: Dr. Cynthia Howard

Time: 7:15 p.m.

Break: 7:40-7:50

Title: Total Mercury Concentrations in Tissues of Peacock Bass and Black Piranha from the Rio Negro, Amazonas Brazil

Presenter: Jennifer McNaspy

Faculty Advisor: Dr. Cynthia Howard

Time: 7:50 p.m.

Title: Processing Wastewater Effluent from Petroleum Exploration to Combat Water Scarcity

Presenter: Sara Moore

Faculty Advisor: Dr. Chunlong (Carl) Zhang

Time: 8:05 p.m.

Title: Analysis of Fish Aquaculture in the Amazon River

Presenter: Juan Pelaez

Faculty Advisor: Dr. Cynthia Howard

Time: 8:30 p.m.



University
of Houston
Clear Lake

