

Clark University

Clark Digital Commons

Academic Spree Day and Fall Fest

Academic Spree Day 2020

May 17th, 12:00 AM - 11:00 PM

Academic Spree Day 2020 Program

Clark University

Follow this and additional works at: <https://commons.clarku.edu/asdff>

Clark University, "Academic Spree Day 2020 Program" (2020). *Academic Spree Day and Fall Fest*. 39. <https://commons.clarku.edu/asdff/ASD2020/Posters/39>

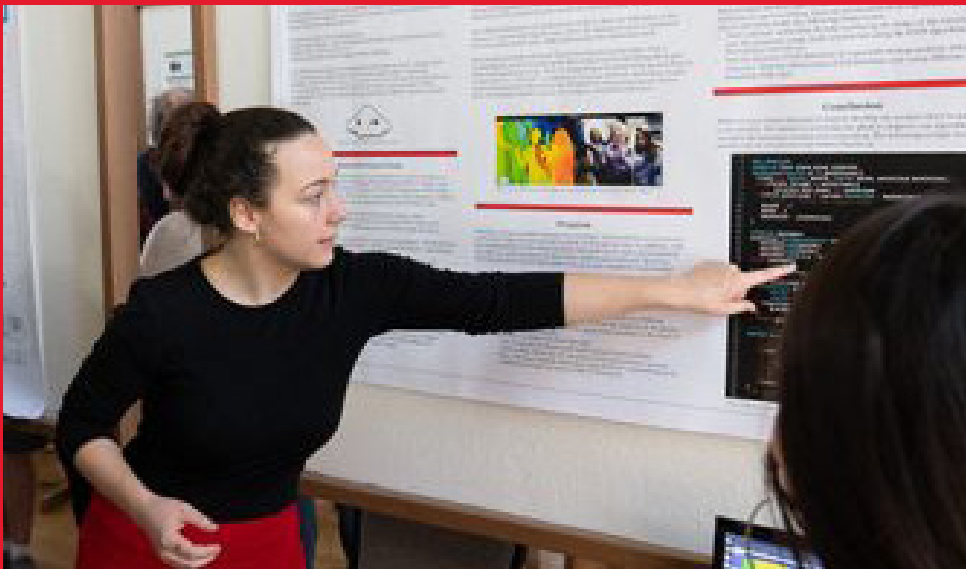
This Open Access Event is brought to you for free and open access by the Conference Proceedings at Clark Digital Commons. It has been accepted for inclusion in Academic Spree Day and Fall Fest by an authorized administrator of Clark Digital Commons. For more information, please contact mkrikonis@clarku.edu, jodolan@clarku.edu, dlutz@clarku.edu.

MAY 18, 2020

30TH ANNUAL

Academic SPREE

day



CLARK UNIVERSITY'S VIRTUAL ACADEMIC SPREE DAY 2020

Academic Spree Day celebrates the research and creative work Clark undergraduate students produce with the support and mentoring of the University's distinguished faculty and staff.

We believe in the importance of sharing our work even in the most difficult of times, such as the one we are experiencing now. We commend the hard work and resiliency of our students, faculty, and staff, who came together to keep Academic Spree Day alive in a new and virtual format. Thank you!

Please take some time to enjoy the research and creations of your peers.

Betsy Huang
Associate Provost and Dean of the College

VIRTUAL ACADEMIC SPREE DAY 2020

Please visit our Virtual Academic Spree Day at <https://www.clarku.edu/virtual-academic-spree-day> to access student projects online. Most of the projects are public; some are restricted to the Clark community only.

Thank you to the Clark team members who have made this event possible:

- Michael Krikonis and Joanne Dolan (ITS)
- Lori Fearebay, Carol D'Onofrio, Jordan Aubin, Meredith King, Ashley Hadley, Melissa Lynch (Marketing and Communications)
- Kelly Boulay (Psychology)
- Kim Fisher (Dean of College's Office)

STUDENT ORAL PRESENTATIONS

Comparing Suitabilities in GeoMod to Transition Potentials in Land Change Modeler.

Benjamin Gessel '20 & Ila White '20 in collaboration with Megan Brown and Gemma Wilkens, graduate students (Program: Geography, Sponsor: Professor Robert Pontius)

Seeking Autonomy In Student Organizing: A Case Study of External Influence on Clark Climate Justice.

Ariana Nicholson '20. (Program: Community, Youth, and Education Studies, Sponsor: Professor Eric DeMeulenaere)

Analyzing Change in Swampland Composition Using TerrSet and the Pontius Matrix.

Andrew Rizoli '20 & Harrison Stone '21. (Program: Geography, Sponsor: Professor Robert Pontius)

Survey of Conjugate Distributions and Estimating the Posterior with Importance Sampling.

Sarah Spitz '20. (Program: Mathematics, Sponsor: Professor Michael Satz)

STUDIO ART PRESENTATION

Studio Art Senior Thesis: From Classroom to Quarantine.

Emma Carleton '20, Keren Cohen '20, Lillian Favreau '20, Madelaine Hamilton '20, Galen McDonald '20, and Xuemeng Zhang '20. (Program: Studio Art, Sponsor: Professor Elli Crocker)



Papa, colored pencil on paper, 30x22 inches. Lillian Favreau



She Dreamed a Dream, Digital Inkjet Print, 19"x13", 2020. Xuemeng Zhang

POSTERS

Making the LEAP: Do First-Generation Students Feel Prepared for Experiential Learning?

Isabel Bleyer '20 & Hillary Plumb '20. (Program: Psychology, Sponsor: Professor Nancy Budwig)

Lobster Programming Language.

Skyler Brivic '20. LEEP Fellowship (Program: Computer Science, Sponsor: Professor Frederic Green)

Voronoi Decomposition of Aperiodic Sets Closed Under Fixed-Parameter Extrapolation.

Ngu Dang '20. (Program: Computer Science, Sponsor: Professor Frederic Green)

Switching It Up: Bilingual Education Fostering Cognitive Flexibility and Math Achievement.

Lital Dotan '20 in collaboration with Sangmi Park, graduate student. (Program: Psychology, Sponsor: Professor Alena Esposito)

Evolution of the Revolution: Libyan Perceptions of the Political Situation Before and After the 2011 Protests.

Yasmeen El-Gerbi '20. (Program: Psychology, Sponsor: Professor Özden Melis Uluğ)

Educating Homeless Parents on the Importance of Play: A Capstone Project Stretching Beyond the Clark Community.

Alena Ferreira '20. (Program: Psychology, Sponsor: Professor Nancy Budwig)

Comparing Suitabilities in GeoMod to Transition Potentials in Land Change Modeler

Benjamin Gessel '20 & Ila White '20 in collaboration with Megan Brown and Gemma Wilkens, graduate students (Program: Geography, Sponsor: Professor Robert Pontius)

Analyzing COVID 19 Data in USA using Autocorrelation.

Trang Hoang '20. (Program: Mathematics, Sponsor: Professor Michael Satz)

Synthesis and EPR Studies of Pyrazine-Bridged Copper(II) Chains.

Emma Kirkman-Davis '20. Frederick M. and Alice Murdock Research Fellowship (Program: Chemistry, Sponsor: Professor Mark Turnbull)

Predictors of Success in Post-Secondary Mathematics.

Aryana Kubiak '20 in collaboration with Sangmi Park, graduate student. (Program: Psychology, Sponsor: Professor Alena Esposito)

Dybbuks and Destruction: Explorations into a Yiddish Gothic.

Azariah Kurlantzick '20. (Program: English, Sponsor: Professor Lisa Kasmer)

"Why Try?": The Impact of Self-Stigma on Self-Efficacy Among College Students.

Aaron Madow '20. (Program: Psychology, Sponsor: Professor Nicole Overstreet)

The Relationship Between Rave Drug Use and Executive Functioning.

Malaika Malik '20. (Program: Psychology, Sponsor: Professor Kathleen Palm Reed)

The Armenian Genocide: Survivors' Perceptions of Psychological Needs.

Carly Massino '20. (Program: Psychology, Sponsor: Professor Johanna Ray Vollhardt)

Racial Diversity in Massachusetts Teaching Staff.

Alana Merly '20. (Program: Sociology, Sponsor: Professor Deborah Merrill)

Both Sides of the Aisle: How Bipartisan Couples Reconcile with their Identities.

Natalie Mitchell '20 in collaboration with David Yoo, graduate student. (Program: Psychology, Sponsor: Professor James Córdoba)

Semantic Integration of Knowledge in Young Adults.

Jessica Murgo '20 & Matthew Swanat '20. (Program: Psychology, Sponsor: Professor Alena Esposito)

Taxonomic Coding of Teachers' Instructional Behaviors and Language of Instruction in Head Start Classrooms serving Spanish-speaking Children.

Emma Nagler '20. (Program: Psychology, Sponsor: Professor Alena Esposito)

When a Tie Becomes a Victory: The Fight for Gender Equality in Olympic Boxing.

Mikayla Pantano '20. (Program: International Development and Social Change, Sponsor: Professor Cynthia Caron)

The Intersectional Help-Seeking Model for IPV Victimization.

Collin Porter '20 in collaboration with Gia Gambardella, graduate student. (Program: Psychology, Sponsor: Professor Nicole Overstreet)

Does High School Experience with Project Based Learning Relate to Intended Major in College?

Hillary Plumb '20 and Isabel Bleyer '20. (Program: Psychology, Sponsor: Professor Nancy Budwig)

Analyzing Change in Swampland Composition Using TerrSet and the Pontius Matrix.

Andrew Rizoli '20 & Harrison Stone '21. (Program: Geography, Sponsor: Professor Robert Pontius)

Multicellular Magnetotactic Bacteria under an Applied Magnetic Field Form Active Crystals.

Alejandra Rosselli '20 in collaboration with Ben Roque, graduate student. Bruce and Shari Weiller Summer Undergraduate Research Award (Program: Physics, Sponsor: Professor Alexander Petroff)

The Effects of Gender Stereotypes and Rape Myths on Male Helpseeking.

Ali Serrantino '20 in collaboration with Gia Gambardella, graduate student. (Program: Psychology, Sponsor: Professor Nicole Overstreet)

Impacts of War & Trauma: Understanding the Perception of Mental Health Among Resettled Somali Refugees.

Zahara Shidad '21. (Program: Psychology, Sponsor: Professor Nicole Overstreet)

Motivations to be out online for LGBTQ+ young adults.

Jake Sullivan '20 in collaboration with Reihonna Frost-Calhoun, graduate student. Steinbrecher Fellowship (Program: Psychology, Sponsor: Professor Abbie Goldberg)

Parent Survey on Childhood Mental Illness: Age of Onset, Symptoms & Intervention.

Madison Thomas '20. (Program: Psychology, Sponsor: Professor Alena Esposito)

L'Après "Barça ou Barsakh": l'autonomisation des jeunes à la suite de la crise migratoire au Sénégal.

Sara Vera-Cruz '20. (Program: French and Francophone Studies* Sponsor: Professor Odile Ferly)

Organizational Culture Matters: A Case Study of the Global Research and Advocacy Group.

Sara Vera-Cruz '20. (Program: International Development and Social Change, Sponsor: Professor Ellen Foley)

College, Career, Commitment, Oh My: How College Partners Balance Romantic Relationships, Career Plans, And Financial Stability.

Amanda Youmans '20 in collaboration with Nicholas Canby, graduate student. (Program: Psychology, Sponsor: Professor James Córdoba)



Becoming a Matriarch, Water Soluble Oils and Acrylic on Canvas 20"x 24", 2020.
Emma Carleton

The Leroy Allston Ames Essay Contest

(Program: English, Sponsor: Professor Lisa Kasmer)

1st Place - Mahi Taban '20

"Sexual Identity, Foreignness, and the Gothic Vampire:
The Racialization of Homosexuality in *Carmilla*"

2nd Place - Davina Tomlin '20

"Men and Tools in 'Ode to a Nightingale' "

The Prentiss Cheney Hoyt Poetry Contest

(Program: English, Sponsor: Professor Lisa Kasmer)

1st Place - Hannah Ortiz '23, "Ode to Moses"

2nd Place - Ruth Fuller '20, "Panic"

3rd Place - Danielle Black '21, "Truths Split"



Ruth Fuller '20



Danielle Black '21

The Betty'79 and Stanley Sultan Short Story Contest

(Program: English, Sponsor: Professor Lisa Kasmer)

1st Place - Alexis Dinkins '20, "It Will Grow Here"

2nd Place - Jerinna Solages '22, "And Free They Shall Be"

3rd Place - Rachel Lloyd '20, "Wordlessly"

The Loring Holmes & Ruth Dodd Drama Contest

(Program: English, Sponsor: Professor Lisa Kasmer)

1st Place - Maria Connors '20, "Nothing Out of the
Extraordinary"

2nd Place - Emily Buza '20, "Kitten"

3rd Place - Riley Kay '20, "She was the Sun"

Honorable Mention - Luke Pound '22, "IDEA"



Emily Buza '20



Luke Pound '22

Sponsored by the Office of the Dean of the College

Faculty Coordinator: Professor James V. Córdova, Department of Psychology

Staff Coordinator: Kerri Stearns, Department of Psychology

