**Fall 2021 Symposium of Student Scholars**

**Recorded Videos (71)**

***Incidence, Prevalence and Deaths of COVID-19 in Mexico from January 2020 to August 2021***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/70)

Time Not Applicable

Undergraduate Student(s): Ryan Lowhorn

Research Mentor(s): Mohammed Chowdhury

***Non-Invasive Monitoring of Human Hygiene using Vibration Sensor and Classifiers***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/2/)

Time Not Applicable

Graduate Student(s): Shashank Trivedi

Research Mentor(s): Maria Valero, Hossain Shahriar, and Liang Zhao

***Non-Invasive Glucose Monitoring System using RaspberryPi four***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/7)

Time Not Applicable

Graduate Student(s): Priyanka Pola

Research Mentor(s): Maria Valero

***A Federated Learning Framework for Detecting False Data Injection Attacks in Solar Farms***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/12)

Time Not Applicable

Graduate Student(s): Jiaming Li

Research Mentor(s): Liang Zhao

***From Ideas to Expressed Needs: An Empirical Study on the Evolution of Requirements during Elicitation***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/34)

Time Not Applicable

Undergraduate Student(s): Sourav Debnath

Research Mentor(s): Paola Spoletini and Alessia Ferrari (Collaborator from CNR-ISTI)

***Marriage Story Screenplay Analysis***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/5/)

Time Not Applicable

Undergraduate Student(s): Kaitlyn Bauer

Research Mentor(s): Anna Weinstein

***Gifted Screenplay Analysis***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/4/)

Time Not Applicable

Undergraduate Student(s): Chloe Ford

Research Mentor(s): Anna Weinstein

***An Analysis of Dan Fogelman’s Screenplay Life Itself (2018)***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/43)

Time Not Applicable

Undergraduate Student(s): Neenah Reid

Research Mentor(s): Anna Weinstein

***Screenplay Analysis: An Evaluation of Strategy of Mean Girls***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/44)

Time Not Applicable

Undergraduate Student(s): Zora Evans

Research Mentor(s): Anna Weinstein

***Analyzing the Symbolism of Modern Racial Tension in Jordan Peele's Get Out***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/1/)

Time Not Applicable

Graduate Student(s): Kyra Hammond

Research Mentor(s): Anna Weinstein

***The Old Guard: A Screenplay Analysis***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/8)

Time Not Applicable

Undergraduate Student(s): Macy Dykes

Research Mentor(s): Anna Weinstein

***Guest Who - An Analysis of For Your Consideration by Christopher Guest***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/45)

Time Not Applicable

Graduate Student(s): Will Amato

Research Mentor(s): Anna Weinstein

***The Impact of Endings***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/9)

Time Not Applicable

Graduate Student(s): Carolina Solis

Research Mentor(s): Anna Weinstein

***Screenplay Analysis of The Princess Bride***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/46)

Time Not Applicable

Undergraduate Student(s): Noah Smith

Research Mentor(s): Anna Weinstein

***Implementing a Deliberate Neologism about the Filipino-American Identity Crisis***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/14)

Time Not Applicable

Undergraduate Student(s): Gabrielle Punzalan and Angela Brill

Research Mentor(s): Rochelle Harris Cox

***David Lynch: A Hollywood Misfit***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/17)

Time Not Applicable

Undergraduate Student(s): Niels Goessel

Research Mentor(s): Anna Weinstein

***I Am Legend Breakdown***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/18)

Time Not Applicable

Undergraduate Student(s): Andrew Petersen

Research Mentor(s): Anna Weinstein

***Chayefsky's Network***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/47)

Time Not Applicable

Graduate Student(s): William Bradshaw

Research Mentor(s): Anna Weinstein

***The Portrayal of Latina Women in Hollywood***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/19)

Time Not Applicable

Undergraduate Student(s): Evelyn Sofia Aguilar

Research Mentor(s): Anna Weinstein

***Analysis of Christopher Nolan's Interstellar***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/21)

Time Not Applicable

Undergraduate Student(s): John Hunter Ray

Research Mentor(s): Anna Weinstein

***Godzilla (1954) Research Analysis***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/20)

Time Not Applicable

Undergraduate Student(s): Cyrus Aldridge

Research Mentor(s): Anna Weinstein

***Whodunnit: A Screenplay Analysis of Knives Out (2019)***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/25)

Time Not Applicable

Undergraduate Student(s): Natalie Wilson

Research Mentor(s): Anna Weinstein

***Pirates of the Caribbean: An Analysis of The Curse of the Black Pearl and the Adventure Genre On-Screen***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/24)

Time Not Applicable

Graduate Student(s): Mezi Mulugeta

Research Mentor(s): Anna Weinstein

***The Hero's Journey Beyond the Physical***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/48)

Time Not Applicable

Undergraduate Student(s): Jasmine Jones

Research Mentor(s): Anna Weinstein

***Comics vs. Live Action***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/72/)

Time Not Applicable

Undergraduate Student(s): Spencer Donohue

Research Mentor(s): Anna Weinstein

***House Prices vs Population and Public Schools in the Metro-Atlanta Area***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/71)

Time Not Applicable

Undergraduate Student(s): Yzobelle Libosada

Research Mentor(s): Uli Ingram

***Human Impact on Air Quality***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/49)

Time Not Applicable

Undergraduate Student(s): Sage Lupfer

Research Mentor(s): Uli Ingram

***Future Wildfire and Sea-Level Rise Threat to California Families Living Below Poverty***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/3/)

Time Not Applicable

Undergraduate Student(s): Yevgenly “Eugene” Aushev

Research Mentor(s): Uli Ingram

***Veteran Homelessness in the United States***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/6)

Time Not Applicable

Undergraduate Student(s): Tanya Murphy

Research Mentor(s): Uli Ingram

***COVID-19 in Georgia: Vaccination Rates and Deaths at the County Level***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/10)

Time Not Applicable

Undergraduate Student(s): Marcus Piotrowski

Research Mentor(s): Uli Ingram

***Georgia Cities Along Highway 400 with the Best Living Potential***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/13)

Time Not Applicable

Undergraduate Student(s): AJ Sherrell

Research Mentor(s): Uli Ingram

***Garbology Among KSU Students***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/50)

Time Not Applicable

Undergraduate Student(s): Kya Brown, Lauren Beech, Dilyn Duffy, and Preslie Waller

Research Mentor(s): Susan Kirkpatrick Smith

***Invasive Species in the Chattahoochee National Forest***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/15)

Time Not Applicable

Undergraduate Student(s): Burton Blackmar

Research Mentor(s): Uli Ingram

***Average Commute Times***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/16)

Time Not Applicable

Undergraduate Student(s): Rebecca Boyd

Research Mentor(s): Uli Ingram

***Flooding in Charleston***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/22)

Time Not Applicable

Undergraduate Student(s): Ella Hilliard

Research Mentor(s): Uli Ingram

***Georgia Power Plants***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/23)

Time Not Applicable

Undergraduate Student(s): Grayson Nardone

Research Mentor(s): Uli Ingram

***Chesapeake Bay Conservation***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/26)

Time Not Applicable

Undergraduate Student(s): Samantha Finch

Research Mentor(s): Uli Ingram

***Georgia State Parks & Historic Sites: How Visitation was Affected by the Pandemic***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/28)

Time Not Applicable

Undergraduate Student(s): Kristen Prince

Research Mentor(s): Uli Ingram

***Air Quality in Relation to Power Plants, Georgia 2020***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/32)

Time Not Applicable

Undergraduate Student(s): Chase Spotts

Research Mentor(s): Uli Ingram

***Environment and Income***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/33)

Time Not Applicable

Undergraduate Student(s): Camille Prickett

Research Mentor(s): Uli Ingram

***Proposing Water Clean-Up Projects in Georgia's Low Income Areas***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/35)

Time Not Applicable

Undergraduate Student(s): Cierra Walsh

Research Mentor(s): Uli Ingram

***Melting of the Arctic***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/31)

Time Not Applicable

Undergraduate Student(s): Naomi Raffa

Research Mentor(s): Uli Ingram

***Population and Income Differences of Metro Atlanta***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/37)

Time Not Applicable

Undergraduate Student(s): Andrew Anderson

Research Mentor(s): Uli Ingram

***Fast Food Affects***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/39)

Time Not Applicable

Undergraduate Student(s): Alexander Hansen

Research Mentor(s): Uli Ingram

***An Analysis on the Relationship Between the Location of Cities in Georgia and Average Income by County***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/40)

Time Not Applicable

Undergraduate Student(s): Gavin Smith

Research Mentor(s): Uli Ingram

***Gulf of Mexico Dead Zone***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/51)

Time Not Applicable

Undergraduate Student(s): Katie Dunlap

Research Mentor(s): Uli Ingram

***Maps of Fayette County***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/52)

Time Not Applicable

Undergraduate Student(s): Luke Turkiewicz

Research Mentor(s): Uli Ingram

***Analysis of Drug Use vs Crime Rate in Georgia***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/53)

Time Not Applicable

Undergraduate Student(s): Craig Emmett

Research Mentor(s): Uli Ingram

***Finding Structure & Composition of Southeastern Peri-Urban Forests***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/54)

Time Not Applicable

Undergraduate Student(s): AJ Williams

Research Mentor(s): Nancy Hoalst Pullen

***California Wildfire Predictions for Future Years***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/55)

Time Not Applicable

Undergraduate Student(s): Garrett Parker

Research Mentor(s): Uli Ingram

***Garbology Research***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/56)

Time Not Applicable

Undergraduate Student(s): Olivia Williams, Briana Bingham, Anna Appling

Research Mentor(s): Susan Kirkpatrick Smith

***The Fundamentals of Garbology***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/57)

Time Not Applicable

Undergraduate Student(s): Gideon Perkins, Diana Mendez-Zambrano, Camdyn George, and Mason Cash

Research Mentor(s): Susan Kirkpatrick Smith

***Gulf Coast Counties Affected by Major Hurricanes since 2000***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/58)

Time Not Applicable

Undergraduate Student(s): Joshua Rainwater

Research Mentor(s): Uli Ingram

***Planned Trajectory Using Augmented Reality on an Automated Vehicle with the Presence of Music***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/36)

Time Not Applicable

Undergraduate Student(s): Lauren Campbell, Datiel Dayani, Will Attridge, Magan Briscoe, Gabriel Dizon, Emilee Doty, Alyssa Allen, and Kate Caspersen

Research Mentor(s): Kyung Jung

***Projecting Planned Trajectory on an Automated Vehicle via Augmented Reality: Music’s Effect on Takeover Performance***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/59)

Time Not Applicable

Undergraduate Student(s): Chesslyn Lamar, Daezha Jackson, Olivia McCoy, Kuma Moore, Alicia Johnson, Corey Hutto, and Nia-Imani Mason

Research Mentor(s): Kyung Jung

***Projecting Planned Trajectory of an Automated Vehicle via Augmented Reality: Effects on Takeover Performance While Listening to Music***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/41/)

Time Not Applicable

Undergraduate Student(s): David Nwadike, Armita Safaie, Telai Sharpe, Autumn Shelton, Kyle Vlahos, and Brianna Whatley

Research Mentor(s): Kyung Jung

***Analysis of Halls and Ricola Lozenges Via Multiple Parameter Manipulation, Dissolution Kinetics, and Statistical Evaluation***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/30)

Time Not Applicable

Undergraduate Student(s): Peter Williams

Graduate Student(s): Zeljka Zec

Research Mentor(s): Marina Koether

***Effects of Coagulation on Turbidity in Water Treatment***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/42/)

Time Not Applicable

Undergraduate Student(s): David Grygorenko

Research Mentor(s): Marina Koether and Amy Gruss

***Setting Up a Study to Investigate the Impact of Removal of Understory Species on the Soil Bacterial Microbiome of a Longleaf Pine Restoration Site***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/60)

Time Not Applicable

Undergraduate Student(s): Isabella Vahle and Sean Davis

Research Mentor(s): Paula Jackson

***t-Stack Sorting on the Permutahedron***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/11)

Time Not Applicable

Undergraduate Student(s): Cameron Lowe, Justin T. McClung, Robert Shipp, and Heather Willis

Research Mentor(s): Julianne Vega and Andres R. Vindas-Melendez (UC Berkeley collaborator)

***Variational Problems for the 2D Maxwell System***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/38)

Time Not Applicable

Undergraduate Student(s): Jessie Chen

Research Mentor(s): Eric Stachura

***Comparing Screening Methods for Detection of Mycobacterium Tuberculosis Complex in Ancient Skeletal Samples***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/61)

Time Not Applicable

Undergraduate Student(s): Ariel Owens

Graduate Student(s): Daisy McGrath

Research Mentor(s): Tsai-Tien Tseng

***Authenticity and Humanity: Women in Ming Dynasty Theatre***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/62)

Time Not Applicable

Undergraduate Student(s): Sarah Rogers

Research Mentor(s): Thomas Fish

***The Association Between Age, BMI, and Gestational Weight Gain With HOMA-IR During Pregnancy***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/63)

Time Not Applicable

Undergraduate Student(s): Isabella Maxwell and Delia Manocchio

Research Mentor(s): Katherine Ingram, Sadaf Dabeer, Juliana Meireles, and Janeen Amason

***Does Ethnicity and Student Year Affect Perceived Stress of Academic Courses and Coping Mechanisms Used?***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/64)

Time Not Applicable

Undergraduate Student(s): Sara Casagarnde and Myri Wynn

Research Mentor(s): Afekwo Ukuku and Kevin Gittner

***I Need Closure: Is Hyperbaric Oxygen Therapy Better Than Skin Substitute Therapy for Chronic Wounds?***

[Recorded video upload – poster](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/65)

Time Not Applicable

Undergraduate Student(s): Priscilla Amofah, Akhenaten H. Amun, Tyler Brown, and Jasmine Charles

Research Mentor(s): Modupe Adewuyi

***The Impact of a 12-Hour Shift Compared to an 8-Hour Shift on Nurse Health and Safety***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/67)

Time Not Applicable

Undergraduate Student(s): Matthew Kramer, Andrea Howell, Kayla Kloes, Emmy Lam, and Brittney Levy

Research Mentor(s): Modupe Adewuyi

***Evidence-Based Practice: Nurse-to-Patient Ratios and Length of Stay in the Emergency Department***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/27)

Time Not Applicable

Undergraduate Student(s): Gina Hicks, Christine Landers, Rachel Abukhdeir, Quanta Bailey, and Alem Assefa

Research Mentor(s): Modupe Adewuyi

***Impact of Registered Nurse Burnout on Patient Satisfaction***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/29)

Time Not Applicable

Undergraduate Student(s): Addie McTyre, Emily Herring, Caitlin Kelley, and Michala Le

Research Mentor(s): Modupe Adewuyi

***Job Satisfaction Amongst Emergency Care Nurses***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/68)

Time Not Applicable

Undergraduate Student(s): Hannah Hastings, Jisoo Kim, Kiara Harvey, Shayne Douglass, and James Beam

Research Mentor(s): Modupe Adewuyi

***Transforming Course Work for Community Use and Publication***

[Recorded video upload – oral presentation](https://digitalcommons.kennesaw.edu/undergradsymposiumksu/Fall2021/presentations/69)

Time Not Applicable

Undergraduate Student(s): Lee Mcclellan-Karp

Research Mentor(s): Darlene Xiomara Rodriguez