



Butler Journal of Undergraduate Research

Volume 10

2024

Table of Contents and Front Matter

BJUR Staff

Follow this and additional works at: <https://digitalcommons.butler.edu/bjur>

Recommended Citation

Staff, BJUR (2024) "Table of Contents and Front Matter," *Butler Journal of Undergraduate Research*: Vol. 10 , Article 1.

Retrieved from: <https://digitalcommons.butler.edu/bjur/vol10/iss1/1>

This Article is brought to you for free and open access by the Undergraduate Scholarship at Digital Commons @ Butler University. It has been accepted for inclusion in Butler Journal of Undergraduate Research by an authorized editor of Digital Commons @ Butler University. For more information, please contact digitalscholarship@butler.edu.



BJUR

BUTLER JOURNAL *of*
UNDERGRADUATE RESEARCH
VOLUME 10 | APRIL 2024

digitalcommons.butler.edu/bjur

bjur@butler.edu

BUTLER JOURNAL OF UNDERGRADUATE RESEARCH

VOLUME 10 APRIL 2024

- Psychosocial Student Adaptations to COVID-19 in Higher Education:
A Mixed-Methods Approach to COVID-19 through the Theoretical
Framework of Anomie 1
- Grace Johnson, Butler University
Mentor: Ashley Hutson
- Punishment versus Hope: Perceptions of Social Media Portrayals of
Restorative Justice 28
- Emily E. Leonard, Butler University
Mentor: Ashley Hutson
- Infiltrating the Boys' Club: The Portrayal of Women in Popular Crime
Dramas 49
- Emma D. Bergquist, Butler University
Mentor: Stephen Barnard
- Populism: A Comparative Study of the Rise of the Alt-Right in Germany and the
United States 86
- Kate O. Tobin, Butler University
Mentor: Melissa Etzler
- Stream Gauging: Investigating the Flow Rate and Residence Time in
Laguna Bacalar, Mexico 114
- Elizabeth J. Kowalczyk, Middle Tennessee State University
Mentor: Timothy Grundl

Modeling Employee Burnout and Stress Levels Using Generalized Linear Models 134

Madeline S. Neely, Butler University
Mentor: Rasitha R. Jayasekare

Enhanced Breast Cancer Tumor Classification Using MobileNetV2:
A Detailed Exploration on Image Intensity, Error Mitigation, and
Streamlit-Driven Real-Time Deployment 161

Aaditya Surya, University of Southern California
Aditya Keshary Shah, Rochester Institute of Technology
Subash Tarum Sasikumar, State University of New York Plattsburgh
Jarnell Kabore, Northeastern University
Mentor: Swapnil Sneham

Opening an Existential Window into *Wuthering Heights* and
The Metamorphosis 196

Sarah H. Lognion, McNeese State University
Mentor: Joseph Tuminello

The Influence of Specific Diagnosis and Trait Self-Relevance on Positive and
Negative Perceptions of Individuals with Mental Illness 210

Sabrina L. Stock, Butler University
Aedan S. Levy, Butler University
Mentor: Tara Lineweaver

Comparing the Visuospatial Abilities of Alzheimer's Patients and Huntington's
Patients 230

Alysa Aralis, Butler University
Emma Bauman, Butler University
Mentor: Tara Lineweaver

Discrimination by Association: The Role of Race and Exoneration in Hiring Decisions	252
<p style="text-align: center;">Emma D. Bergquist, Butler University Mentor: Fabian Alceste</p>	
Work-Life Balance in a Medical Unit of U.S. Army Reservists: An Exploratory Study	275
<p style="text-align: center;">Elizabeth A. Kleitz, Truman State University Madelyn Kuhn, Truman State University Mentor: Carol Cox</p>	
Effects of Dissolved Oxygen on Northern Leopard Frog (<i>Lithobates pipiens</i>) Gastrocnemius Muscle Recruitment and Fatigue	284
<p style="text-align: center;">Eva L. Gates, Penn State Altoona Joseph P. Levri, Penn State Altoona Mentor: Lara LaDage</p>	
The Roycean Communal Ideal in T. S. Eliot's "The Love Song of J. Alfred Prufrock"	298
<p style="text-align: center;">Micah Gill, Harding University Mentor: Nick Boone</p>	
Yayoi Kusama's Depictions of Mental Health	311
<p style="text-align: center;">Anna Isabel Davis, Transylvania University Mentor: Emily Goodman</p>	
Partake or Be Departed: Insularity of Setting within the Dystopian Imagination and <i>The Mark: The Beast Rules the World</i>	322
<p style="text-align: center;">Andrew Watkins, Fayetteville State University Mentor: Dean Swinford</p>	

EDITOR

Tara T. Lineweaver
Department of Psychology
Butler University
bjur@butler.edu

COPY EDITOR

Stephanie R.S. Stringham

DESIGN EDITOR

Jennifer Coronado
Butler University Libraries
Butler University
jraye@butler.edu

INAUGURAL EDITOR

Kenneth D. Colburn, Jr.
Department of Sociology and
Criminology
Butler University
Professor Emeritus

EDITORIAL ASSISTANT

Bradi Gierke
Department of Psychology
Butler University

COVER PHOTO CREDIT

Bradi Gierke
Department of Psychology
Butler University

EDITORIAL ADVISORY BOARD

Vivian Deno
History, Butler University

Robert Padgett
Psychology, Butler University

Lee Garver
English, Butler University

Mindy Welch
Education, Butler University

Kathie Kelton
Music, Butler University

Anne Wilson
Chemistry, Butler University

Nat Hauck
Biology, Butler University

Hongjiang Xu
Business, Butler University

Chad Knoderer
Pharmacy, Butler University

VOLUME 10 REVIEWERS

Julia Angstmann

Office of Sustainability

Butler University

Steve Barnard

Sociology and Criminology

Butler University

Chad Bauman

Philosophy and Religion

Butler University

Kelly van Busum

Computer Science and Software

Engineering,

Butler University

Vitor Dias

Sociology and Criminology

Butler University

Heliene Flanzbaum

English, Butler University

Ryan Flessner

College of Education,

Butler University

Lee Garver

English, Butler University

Samuel Gurevitz

Health Sciences, Butler University

Brent Hege

Philosophy and Religion,

Butler University

Scott Kascher

Mathematical Sciences,

Butler University

Joel Martin

Psychology, Butler University

Dave Mason

Political Science, Butler University

Fait Muedini

International Studies,

Butler University

Kate Novak

Sociology and Criminology,

Butler University

Steve Nyktas

Art + Design, Butler University

Corey Reed

Philosophy and Religion

Butler University

Carol Reeves

English, Butler University

Alex Roehrkasse

Sociology and Criminology

Butler University

Travis Ryan

Office of the Provost,

Butler University

Betsy Schmidt

Physician Assistant,

Butler University

Alex Roehrkasse

Sociology and Criminology,

Butler University

Mark Suchyta
Sociology and Criminology,
Butler University

Chris Wilson
Mathematical Sciences,
Butler University

Stacy Wetmore
Psychology, Butler University

VOLUME 10 BUTLER UNIVERSITY SPONSORS

College of Liberal Arts and Sciences

Office of the Provost

MISSION AND EDITORIAL POLICY

The mission of the *Butler Journal of Undergraduate Research* is to advance Butler's commitment to undergraduate research by seeking to publish original, high quality empirical research undertaken by undergraduates from any university. The journal is national in scope, multidisciplinary, and seeks to publish the best empirical and scholarly research available from undergraduate students anywhere. Submission of original, scholarly research articles is open to undergraduates from any accredited college and university.

The publication of the Butler Journal of Undergraduate Research is designed to build upon and strengthen Butler's commitment to quality undergraduate research by providing an outlet for the publication of outstanding undergraduate scholarship. BJUR recognizes and supports diverse disciplines, perspectives and methods across the social sciences, natural and life sciences, the arts and humanities. The Journal publishes papers that represent original research undertaken by a student or students during their undergraduate career.

BJUR is committed to intellectual integrity, rigorous standards of scholarship, and rational and civil discourse. It seeks to foster open and critical inquiry that privileges no particular disciplinary standpoint while operating within the limits of a standard of scientific, scholarly and empirical discourse committed to the pursuit of knowledge and truth. While every effort is made to publish issues that represent a fair balance of scholarship across the entire spectrum of undergraduate studies, the Journal's first priority is always to publish the best undergraduate research available at any given time regardless of disciplinary representation.

POWERED BY



© 2024 Butler Journal of Undergraduate Research

digitalcommons.butler.edu/bjur