Table of Contents
The Influence of Environmental NGOs in the Global Society

Eric Becker, Butler University
Mentor: Craig Auchter

“The Barbarians of Hollywood”: The Exploitation of Aurora Mardiganian by the American Film Industry

Samantha R. Brault, Keene State College
Mentor: Alexis Herr

Why Do Boys Love Frozen?

Payton Butler, University of Indianapolis
Mentor: Greta Pennell

“See Ourselves As Others See Us”: Empathy Across Gender Boundaries in James Joyce’s Ulysses

Madsison V. Chartier, Butler University
Mentor: Lee Garver

Moderate Ethanol Consumption Results in Cognitive Protection from Alzheimer’s Disease, Dementia, and Related Cognitive Decline: A Critical Review

Sean P. Coffinger, Columbia University
Mentor: Adam Brickman

To Be or Not To Be…Greek: A Study of Theory of Mind, Moral Reasoning, and Moral Development in Affiliated and Non-Affiliated Students

Catherine T. Geanon & Megan E. Fishbaugh, Butler University
Mentor: Tara Lineweaver

Stereotype Threat and Obsessive Compulsive Symptomatology: The Impact of Messy vs. Clean Environments on Cognitive Test Performance

Ellen R. Kendall & Sarah M. McRoberts, Butler University
Mentor: Tara Lineweaver
Comparison of Tranexamic Acid and Aminocaproic Acid in Coronary Bypass Surgery  
Lisa K. LeCleir, Butler University  
Mentor: Chad Knoderer

Virginity and Guilt Differences Between Men and Women  
Caitlin Lipman & Alexis Moore, Hanover College  
Mentor: John Krantz

The Prevalence of Escherichia Coli and Fecal Coliforms on Backpacks of College Students in Central Kentucky  
Samantha McMichael, Midway College  
Mentor: Beverly Juett

Combating Biases: Illusory Imagery in US News Coverage on Central American Immigration  
Katharine Poor, Cornell University  
Mentor: Maria Christina Garcia

Binge Drinking: Subtypes and Associations in Young Adults  
Christopher J. Skok, Indiana University - Bloomington  
Mentor: Peter R. Finn

Effect of APOE ε4 Variant on Progression from Mild Cognitive Impairment to Alzheimer’s Disease  
Brad P. Taylor, Hanover College  
Mentor: John Krantz

Security Risk and Social Presence in E-Commerce  
Amy I. Wright, Butler University  
Mentor: Hongjiang Xu

INAUGURAL EDITOR  
Kenneth D. Colburn, Jr.  
Department of Sociology and Criminology  
Butler University  
4600 Sunset Avenue  
Indianapolis, IN 46208  
email: bjur@butler.edu

ASSOCIATE EDITOR  
Tara T. Lineweaver  
Department of Psychology  
Butler University  
4600 Sunset Avenue  
Indianapolis, IN 46208  
email: bjur@butler.edu

DESIGN & COPY EDITOR  
Franny Gaede  
Butler University Libraries  
Butler University  
4600 Sunset Avenue  
Indianapolis, IN 46208  
email: fgaede@butler.edu
EDITORIAL ADVISORY BOARD

Vivian Deno  
History, Butler University

Lee Garver  
Biology, Butler University

Mary Kelton  
Music, Butler University

Nat Hauck  
Biology, Butler University

Chad Knoderer  
Pharmacy/Health Science, Butler University

Robert Padgett  
Psychology, Butler University

Carolyn Richie  
Communication Sciences & Disorders, Butler University

Marilyn Strawbridge  
Education, Butler University

Mindy Welch  
Education, Butler University

Anne Wilson  
Chemistry, Butler University

Hongjiang Xu  
Business, Butler University

VOLUME 2 REVIEWERS

Jess Butler  
Sociology & Criminology, Butler University

Rose Campbell  
Strategic Communication, Butler University

Krista Cline  
Sociology & Criminology, Butler University

Elise Edwards  
Anthropology, Butler University

Lee Garver  
English, Butler University

Brian Giesler  
Psychology, Butler University

Stuart Glennan  
Philosophy, Butler University

Lee Garver  
English, Butler University

Nat Hauck  
Biology, Butler University

Terri Jett  
Political Science, Butler University

Joel Martin  
Psychology, Butler University

Susan Neville  
English, Butler University

Ali O'Malley  
Psychology, Butler University

Su-Mei Ooi  
Political Science, Butler University

Bob Padgett  
Psychology, Butler University

Lindsay Saum  
Pharmacy Practice, Butler University

Sholeh Shahrokhi  
Anthropology, Butler University

Andy Stoehr  
Biology, Butler University
MISSION AND EDITORIAL POLICY

The mission of the Butler Journal of Undergraduate Research (BJUR) 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 new journal will be national in scope, will be multidisciplinary, and will seek to publish the best empirical and scholarly research available from undergraduate students anywhere. Submission of original, scholarly research articles will be 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 will be made to publish issues that represent a fair balance of scholarship across the entire spectrum of undergraduate studies, the Journal's first priority will always be to publish the best undergraduate research available at any given time regardless of disciplinary representation.

© 2016 Butler Journal of Undergraduate Research