

Marcia Faye Burns

Curriculum Vitae

August 2023

Contact Information

Department of Psychology
 Indiana University-Purdue University Indianapolis (IUPUI)
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 Pronouns: *she/her/hers*

Current Position

Fall 2021 – Present **Ph.D. student in Clinical Psychology**
 Indiana University - Purdue University Indianapolis (APA-Accredited)
 Indianapolis, Indiana

Education

2018 **B.S., Psychology, Neuroscience, Cum Laude**
 The Ohio State University (OSU) – Columbus, Ohio
 Honors Thesis: *Subjective and objective cancer-related cognitive impairment in chronic lymphocytic leukemia*
Advisor: Barbara Andersen, Ph.D.

2016 **Study Abroad – Psychology and Culture in Europe**
 The Ohio State University, Psychology Department

Honors and Awards

Fall 2021 – Summer 2022 IUPUI University Fellowship (\$22,500)

2018 1st Place OSU Denman Undergraduate Research Forum for Understanding Cancer Risk and Survivorship (\$250)

2014 – 2018 OSU Dean’s List, College of Arts and Sciences

Travel Grants

March 2023 IUPUI Department of Psychology Clinical Area Spring Funding Award (\$500)

February 2023 IUPUI Graduate and Professional Student Government – Educational

Enhancement Grant (\$500)

Fall 2021 – Summer 2022 IUPUI University Fellowship Travel Grant (\$1,000)

March 2022 IUPUI Department of Psychology Clinical Area Spring Funding Award (\$700)

Publications

1. **Burns, M.F.**, Secinti, E., Johns, S.A., Wu, W., Helft, P.R., Turk, A.A., Loehrer, Sr, P.J., Sehdev, A., Al-Hader, A.A., & Mosher, C.E. (2023). Impact of Acceptance and Commitment Therapy on Physical and Psychological Symptoms in Advanced Gastrointestinal Cancer Patients and Caregivers: Secondary Results of a Pilot Randomized Trial. *The Journal of Contextual Behavioral Science*.

Manuscripts in Preparation

* denotes joint first author

1. Gujral, S. *, **Burns, M.F.** *, Brown, B.L. (in preparation) Effects of exercise on emotional functioning in healthy older adults: Does intensity matter? *The American Journal of Geriatric Psychiatry*.

Oral Presentations

1. Gujral, S., **Burns, M.F.**, Erickson, K.L., & Brown, B.L (2023, March). High-intensity exercise and emotional health in cognitively healthy older adults: A multi-arm randomized controlled trial. 36th Annual Meeting of the American Association for Geriatric Psychiatry (AAGP), New Orleans, LA.

Poster Presentations

National

1. **Burns, M.F.**, Krueger, E., & Mosher, C.E. (2023, April). The Role of Health Beliefs in COVID-19 Protective Behaviors Among Lung Cancer Patients. 44th Annual Meeting & Scientific Sessions of Society of Behavioral Medicine (SBM), Phoenix, AZ.
2. **Burns, M.F.**, Secinti, E., Johns, S.A., & Mosher, C.E. (2022, April). Impact of Acceptance and Commitment Therapy on Patient and Caregiver Symptoms in Advanced Gastrointestinal Cancer. 43rd Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine (SBM), Baltimore, MD.
3. Valentine, T.R., Weiss, D.M., Carson, M.Y., Robbertz, A.S., **Burns, M.F.**, & Andersen, B.L. (2018, April). Signs versus symptoms: An investigation of cognitive dysfunction in cancer patients and healthy controls. 39th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine (SBM), New Orleans, LA.

Regional or Local

1. **Burns, M.F.**, (2018, April) *Subjective and objective cancer-related cognitive impairment in chronic lymphocytic leukemia*. Poster session presented at The Ohio State University, The Denman Undergraduate Research Forum, Columbus, OH.
2. **Burns, M.F.**, (2018, March) *Subjective and objective cancer-related cognitive impairment in chronic lymphocytic leukemia*. Poster session presented at The Ohio State University Psychology Undergraduate Research Colloquium, Columbus, OH.
3. Bauer, C., **Burns, M.F.**, Melhorn, R., Parker, J., & Sherwood, B. (2016, April) *The effects of pronoun priming on interpersonal relationships and prosocial behavior*. Poster session presented at The Ohio State University Social, Cognitive Psychological Laboratory Session, Columbus, OH.

Clinical Experience

- Fall 2023 – Present *Neuropsychology Practicum Student,*
 Eskenazi Center for Brain Care Innovation (Indianapolis, IN)
Supervisor: Pamela Phillips, Psy.D.
 — Administer and score neuropsychological (NP) and personality assessments for patients with cognitive complaints
 — Observe and participated in intake interviews and feedback sessions
 — Write comprehensive clinical reports
- Fall 2022 – Spring 2023 *Clinical Psychology Trainee,*
 IUPUI Clinical Psychology Mental Health Center (IUPUI)
Supervisor: Deanna Barthlow-Potkanowicz, Ph.D., HSPP
 — Provided individual therapy for undergraduate and graduate students with less clinically severe presentations in an outpatient department training clinic
 — Presentations: ADHD, adjustment disorder, anxiety, depression, disordered eating, grief, interpersonal concerns, sleep problems
 — Interventions used: Acceptance and Commitment Therapy, Cognitive Behavioral Therapy, Dialectical Behavioral Therapy skills training
 — Conducted achievement, intelligence, and personality assessments for diagnostic purposes
 — Conducted intake interviews and feedback sessions
 — Wrote comprehensive clinical reports
 — Attended weekly individual and group supervision

Research Experience

- Fall 2021 – Present *Graduate Research Assistant,*
 Behavioral Oncology Laboratory (IUPUI)
Supervisor: Catherine E. Mosher, Ph.D.
 — Conducted qualitative interviews with people with lung cancer
 — Screened, recruited, and obtained informed consent from people with lung cancer
 — Prepared manuscript of secondary analyses

- Manage and prepare recruitment and participant mailings

October 2018 – May 2021

Research Specialist, Geriatric Neuropsychology Research Program
Western Psychiatric Institute & Clinic (Pittsburgh, PA)

Supervisor: Meryl A. Butters, Ph.D.

- Administered and scored NP assessments in clinical and community-based settings
- Prepared adjudication reports for NP evaluation and research diagnosis
- Created, validated, and disseminated tele-neuropsychology adaptations of traditional NP assessments during COVID-19 pandemic
- Coordinated clinical care, neuroimaging scans, and cognitive testing of study participants with mild cognitive impairment (MCI) and dementia
- Conducted recruitment and eligibility screening of individuals with MCI
- Assessed, tracked, and assisted in providing care for study participants with MCI and dementia in two year double-blind-placebo controlled study assessing the impact of small dose lithium on cognitive decline
- Trained local and remote staff on NP assessment administration

February 2016 – May 2018

Undergraduate Research Assistant, Stress & Immunity Cancer Projects
The Ohio State University (Columbus, OH)

Supervisor: Barbara L. Andersen, Ph.D.

- Administered quality of life assessments for phase II clinical trial of people with chronic lymphocytic leukemia
- Collected, processed, and analyzed data from multiple longitudinal and prospective studies of chronic lymphocytic leukemia patients and multi-center biobehavioral interventions for people with cancer
- Designed and distributed recruitment material and completed eligibility screens for randomized control trial of online cognitive behavioral therapy (CBT) for people with cancer and depression and/or anxiety.
- Served as an intervention coach providing additional support and guidance through weekly correspondence for online CBT program
- Administered cognitive assessments to healthy age-matched controlled participants to establish cognitive norms for people with chronic lymphocytic leukemia

August 2016 – May 2018

Undergraduate Research Assistant, Social & Affective Immunology Lab
The Ohio State University (Columbus, OH)

Supervisor: Baldwin M. Way, Ph.D.

- Conducted double-blind placebo-controlled studies collecting data from over 400 undergraduate students assessing association between acetaminophen and aggression
- Obtained informed consent, which involved a component of deception, and appropriately debriefed after study participation

Neuropsychological Test Administration Experience

Achievement Tests

Wechsler Individual Achievement Test

Attention Tests

Conners Continuous Performance Test - 3rd edition

Conners Continuous Auditory Test of Attention

Executive Function Tests

Stroop Color Word Test, Stroop Neuropsychological Screening Test, Wisconsin Card Sorting Test

Functional Tests

NIH Toolbox – Motor Measures, Performance Assessment of Self Care Skills

Global Cognitive Batteries

Delis-Kaplan Executive Function System, Repeatable Battery for the Assessment of Neuropsychological Status, NIH Toolbox, Wechsler Adult Intelligence Scale-III/IV

Language Tests

Boston Naming Test, Controlled Oral Word Association Test, Rey Auditory Verbal Learning Test

Memory Tests

Consortium to Establish a Registry for Alzheimer's Disease, California Verbal Learning Test-II, Hopkins Verbal Learning Test-Revised, Wechsler Memory Scale-III/IV

Personality Tests

Minnesota Multiphasic Personality Inventory-II

Premorbid IQ Tests

Wide Range Achievement Test-III, IV, V, Wechsler Test of Adult Reading

Screeners

3MS, Clock Drawing Test, Hayling Sentence Completion Task, Modified Mini-Mental State Examination, Montreal Cognitive Assessment, Quick Mild Cognitive Impairment Screener, Telephone Interview for Cognitive Status, Trail Making Test Part A and B

Visuospatial Function Tests

Brief Visuospatial Memory Test-Revised, Judgement of Line Orientation, Hooper Visual Organization Test, Rey-Osterrieth Complex Figure

Symptom and Quality of Life Assessment Experience

36-Item Short Survey Questionnaire
 Adult ADHD Self-Report Scale Symptom Checklist (ASRS-v 1.1)
 Barkley Adult ADHD Scale (BAARS-IV)
 Brief Illness Perception Questionnaire

Brief Pain Inventory
 Cumulative Illness Rating Scale–Geriatric
 European Organization for Research and Treatment of Cancer QLQ-C30
 Fatigue Symptom Inventory-Revised

Framingham Stroke Risk Profile
 Generalized Anxiety Disorder 7-Item
 Impact of Events Scale-Revised
 Center Epidemiologic Studies Depression
 scale
 Medical Outcomes of Study Sleep scale
 NIH Instrumental Support/Emotional Support
 scale
 Patient Health Questionnaire-9 Item
 Patient-Report Outcomes Measurement
 Information System- Adult Measures
 Perceived Social Support from Family
 Perceived Social Support from Friends

Profile of Mood State
 Social Network Index
 State-Trait Anxiety Inventory for Adults
 The Measurement of Everyday Cognition-12
 & 39-Item scale
 The Older Americans Resources and for
 Services scale
 The Pittsburgh Sleep Quality Index
 The Primary Care Evaluation of Mental
 Disorders
 UCLA Loneliness scale
 UKU Side Effects Rating scale

Software Experience

Novice

E-Prime, JASP, Python, REDCap

Proficient

R, SQL, Tableau, Qualtrics

Expert

Microsoft Office, SPSS

Teaching Assistant Experience

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| Fall 2023 | <i>Life Span Development</i> (to be determined) IUPUI <u>Instructor</u> : Shenan Kroupa, Ph.D. |
| Summer 2023 | <i>Social Psychology</i> (59 students) IUPUI <u>Instructor</u> : Joel Nadler, Ph.D. |
| Fall 2022 – Spring 2023 | <i>Life Span Development</i> (515 students) IUPUI <u>Instructor</u> : Shenan Kroupa, Ph.D. |
| Fall 2022 | <i>The Psychology of Women</i> (57 students) IUPUI <u>Instructor</u> : Shenan Kroupa, Ph.D. |

Service Activities

University

August 2017 – May 2018 *Panhellenic Associate Tutor*

The Ohio State University

- Tutored undergraduate students in various psychology and neuroscience courses

August 2017 – May 2018

Alpha Gamma Delta International Women's Fraternity

The Ohio State University

- Orchestrated and lead group programming emphasizing topics of mental health, wellness, self-defense, diversity, and inclusion for 200 individuals

August 2016 – May 2018

Alex's Lemonade Stand Foundation for Childhood Cancer

The Ohio State University

- Recruited sponsors and collected donations for nationwide children's pediatric cancer research organization

Community

August 2014 – Present

Labre

Walsh Jesuit High School, Cuyahoga Falls, OH

- Collect toiletries, clothing, and various necessities to distribute to individuals who are houseless and/or financially insecure in the local community
- Make nutritious meals and facilitate food donations from local eateries for distribution to individuals with food insecurity in the local community