

Arianna Wright

Madison, WI • anwright3@wisc.edu

Education

University of Wisconsin – Madison
Clinical Psychology, PhD
Lab: Incarceration and Mental Health

Madison, Wisconsin
Start Date: Fall 2021
PI: Dr. Michael Koenigs

University of Missouri
Bachelor of Science in Psychology
Minor in Biology
Emphasis: Psychology, Mental health, Neuroscience, Neuroimaging
Honors Research Thesis Recipient
Multicultural Certificate

Columbia, Missouri
Graduation Date: May 2017
Honors Graduate
Major GPA: 3.9, Cumulative GPA: 3.5
Psychology Department
May 2017

Honors & Awards

University of Wisconsin - Madison, Graduate Research Scholars Fellowship, 2021

University of Wisconsin - Madison, Honorary Assistanceship Monetary Award, 2021

Johns Hopkins University, Assisted in United States' first 3D CT Swallow Imaging Test & Analysis, 2017

Northwestern University, Sneak Peak Pre-Graduate School Program, June 2017

Honor's Psychology Research Thesis Capstone, University of Missouri-Columbia, Fall 2016- Spring 2017

PSI CHI, International Honors Society in Psychology, Spring 2016

Departmental Honors, University of Missouri-Columbia, May 2017

National Society of Collegiate Scholars, Spring 2014

Mizzou Collegiate Scholar, University of Missouri-Columbia, Spring 2014

Honor Society Membership Award, Fall 2014

Diversity Award Scholarship, University of Missouri-Columbia, Fall 2013- May 2017

Diversity Tuition Scholarship, University of Missouri-Columbia, Fall 2013- May 2017

Dean's List- GPA: 3.5, University of Missouri-Columbia, Fall 2014- 2017

Mary & Martha Briegel Scholarship, Trulaske College of Business, Fall 2014

Patricia W. Sears Scholarship, University of Missouri-Columbia, Spring 2016

Publications

Published Book Chapter

1. Gonzalez-Fernandez, M., Langton-Frost, N., Bahouth, M.N., Wright, A.N. (in press). *Swallowing Disorders After Stroke*. Stroke Rehabilitation Text: Dysphagia Chapter. (2019). In: Wilson, R., Raghavan, P. *Stroke Rehabilitation*. Elsevier Title: Publisher.

Published Abstracts & Papers

1. Erickson, W. B., Wright, A., & Naveh-Benjamin, M. *"He was the one holding a gun!" Memory for white and black faces seen with weapons.* Journal: Psychonomic Society, Special issue: Systemic Racism: Cognitive Consequences and Interventions- 2020.
2. Kelleher, S., Fisher, H., Winger, J., Somers, T., Uronis, H., Wright, A., Keefe, F., *Feasibility and Acceptability of a Behavioral Pain Management Intervention for Colorectal Cancer Survivors with Pain and Psychological Distress: A Pilot Randomized Controlled Trial.* Journal: Supportive Care in Cancer- 2020.
3. Fisher, H., Winger, J., Miller, S., Wright, A., Somers, T., Plumb Vilardaga, J., Majestic, C., Kelleher, S., Somers, T., *Relationship between Social Support, Physical Symptoms, and Depression in Women with Breast Cancer and Pain.* Journal: Supportive Care in Cancer- 2020.
4. Kelleher, S., Somers, T., Colloca, L., Uronis, H., Wright, A., Keefe, F., *Virtual Reality for Improving Pain and Pain-Related Symptoms in Patients with Advanced Stage Colorectal Cancer: Results of a Pilot Trial.* 2020.
5. Kim, K., Adams, L., Keator, L.M., Wright, A.E., Saxena, S., Wright, A., Keator, L., Hickok, G., Hillis, A.E. *Phoneme Discrimination Deficits after Left Hemisphere Stroke.* Submitted to American Neurological Association (2017).
6. Kim, K., Adams, L., Keator, L.M., Wright, A.E., Saxena, S., Wright, A., Keator, L., Hickok, G., Hillis, A.E. *Phoneme Discrimination Deficits after Left Hemisphere Stroke.* Submitted to Society for Neurobiology of Language (2017).
7. Wright, A., Erickson, W. B., Naveh-Benjamin, M., (2017). *Associative Memory in Younger and Older Adults for African-American or Caucasian Faces Paired with Weapons.* Abstract submitted to Midwestern Psychological Association, Chicago, IL.

Publications Submitted or Under Review

Papers

1. Kim, K., Adams, L., Keator, L.M., Wright, A.E., Wright, A., Sheppard, S., Breining, B., Rorden, C., Fridriksson, J., Bonilha, L., Rogalsky, C., Love, T., Hickok, G., Hillis, A.E. *Neural Processing Critical for Distinguishing Between Speech Sounds.* Journal Brain: BRAIN- 2018-01251.

Conferences & Poster Presentations

1. Society of Behavioral Medicine (SBM) Annual Meeting

2021

Fisher, H.M., Winger, J.G., Miller, S.N., Wright, A., Plumb Vilardaga, J., Majestic, C., Kelleher, S.A., & Somers, T.J. (2021, April). *Relationship between pain and depression in women with breast cancer and pain: Pain self-efficacy and pain catastrophizing.* Oral presentation at the 42nd Annual Meeting of the Society of Behavioral Medicine.

2. Virtual Southwest Cognition and Cognitive Neuroscience Society

2020

Erickson, W. B., Oviedo, A., & Wright, A. (2020). Implicit Bias in Associative Memory for Faces and Objects. Paper presented at the annual meeting of the Southwest Cognition and Cognitive Neuroscience Society, San Antonio, TX.

3. American Psychology-Law Society (AP-LS)

2019

Erickson, W. B., Wright, A., & Naveh-Benjamin, M. (2019). "He was the one holding a gun!" Memory for white and black faces seen with weapons. Poster presented at the annual meeting of the American Psychology-Law Society, Portland, OR.

4. American Neurological Association (ANA)

2017

5. Society for Neurobiology of Language (SNL)

2017

Kim, K., Adams, L., Keator, L.M., Wright, A.E., Saxena, S., Wright, A., Keator, L., Hickok, G., Hillis, A.E. *Phoneme Discrimination Deficits after Left Hemisphere Stroke*. Poster submitted to American Neurological Association (2017). Poster submitted to Society for Neurobiology of Language (2017).

6. University of Missouri- Psychology Day

2017

7. Midwestern Psychological Association

2017

Wright, A., Erickson, W. B., Naveh-Benjamin, M., (2017). *Associative Memory in Younger and Older Adults for African-American or Caucasian Faces Paired with Weapons*. Poster presented at the 89th annual meeting of the Midwestern Psychological Association, Chicago, IL. Poster presented at University of Missouri-Psychology Day, Columbia, M

Ad-Hoc Reviewer

- *Dysphagia Chapter: Swallowing Disorders After Stroke* 2020
- *Opioid Clinical Communities evidence summary* 2020

Research Experience

Graduate Student- Clinical Psychology, *University of Wisconsin - Madison*, Madison, WI.

Fall 2021

Incarceration and Mental Health Lab

PI: Dr. Michael Koenigs

Research Focuses:

- Studying mental health assessments and treatments within incarcerated populations. A particular interest in studying the implications of racial traumas, racial disparities, and cultural competency of mental health care. Current research focuses on examining how these factors could potentially influence an individual's resiliency, motivations and mindsets during re-entry programs, and recidivism outcomes.
- Re-entry navigation app development in partnership with Nehemiah: Center for Urban Leadership Development.

Clinical Research Specialist- Senior, *Duke: University Medical Center*, Durham, NC.

Feb. 2020- May 2021

Department: Psychiatry & Behavioral Sciences

Division of Behavioral Medicine and Neurosciences

- Assist with several research studies and projects at all stages, including several study start-ups. Created study design, consort charts and material development (intervention therapist manuals and participant handouts). Data dictionary and Redcap database development; including creating participant screening surveys and study assessments.

- General duties included preparation/submission and management of institutional review board applications, protocol writing, addressing grant critique reviews, manuscript preparations, and assisting with data management/analyses.
- Responsible for DEDUCE pulls to create master list for participant screening, recruitment in cancer stem cell clinics and enrollment in studies. Maintaining participant records and updating databases (Redcap, Oncore, e-irb/Iris).
- Worked collaboratively with the multidisciplinary team (e.g., psychologists, psychiatrists, nurses, physicians, and cancer care team) to facilitate scheduling of therapy sessions, clinical appointments, and research appointments.
- Regulatory duties included drafting clinicaltrials.org application, IRB protocol writing and study submission, submitting IRB amendments, drafting consent forms and study materials. Preparing regulatory binders/ e-reg binders and conducting audit reviews and DSM reviews.

Select Projects:

PI: Dr. Sarah A. Kelleher

- *Development and Pilot Testing of a Hybrid in Person and mHealth Coping Skills Training Intervention for Symptom Management and Daily Steps in Stem Cell Transplant Patients.*
- *Pilot Testing a Virtual Reality Protocol for Improving Pain and Pain-Related Distress in Patients with Advanced Stage Colorectal Cancer.*

PI: Dr. Tamara Somers

- *mHealth Behavioral Cancer Pain Intervention for Medically Underserved Patients.*
- *In Person and Mobile Health Coping Skills Training for Improving Symptom Management and Daily Steps in Hematopoietic Stem Cell Transplant Patients.*
- *Optimizing Delivery of a Behavioral Cancer Pain Intervention Using a SMART (OUTSMART).*

PI: Dr. Jennifer Plumb- Vilardaga

- *Just In Time: Increasing Physical Resilience in Older Adults with Osteoarthritis Pain: Feasibility and Acceptability of a Brief Behavioral Physical Activity Intervention.*

Research Assistant, Johns Hopkins University: School of Medicine, Baltimore, MD. Sept. 2017-Jan 2019

Department: Neurology

S.C.O.R.E LAB (Stroke Cognitive Outcomes Recovery Lab)

- Duties included maintaining study documentation and records, participant screening via EPIC, recruitment and enrollment in clinical settings, administering baseline and follow-up assessments, data management, and literature reviews.
- Facilitated a FMRI study to explore neuroimaging and its correlation to observed behaviors. Interests of the study observed how acquired dyslexia is related to brain lesions caused by acute strokes
- Behavioral health technician experience administering neuropsychological assessments, scoring and medical scribing for clinical appointments or videotaped cognitive assessments.
- Proactive engagement in training lab members' on brain imaging software and data analysis programming
- Administered TDCS (Brain Stimulation) clinical trial box randomization

Select Projects:

PI: Dr. Argye E. Hillis

- *Longitudinal Imaging of Recovery from Aphasia after Stroke.*
- *Transcranial Direct Current Stimulation to Enhance Structured Language Therapy after Stroke.*

Research Assistant, Johns Hopkins University: School of Medicine, Baltimore, MD. Sept. 2017-Jan 2019
Department: Physical Medicine and Rehabilitation
S.I.P LAB (Swallowing Investigation and Physiology Lab) **PER DIEM Jan 2019-Oct. 2019**

- Research Lab Management & Coordinator
- Responsible for all aspects of participant screening, recruitment, enrollment, and study implementation conducted within the clinical populations: Inpatient hospital Neurology and NICU floors
- Collaborated with attending physicians, nurses, and radiologists to conduct research interventions
- Conceptualized and conducted a brain-lesion symptom mapping project to investigate pwi (perfusion) and dwi (diffusion) MRI differences in dysphasic patients to observe recovery and reoccurrence patterns in stroke patients
- Coordinated VFSS (videofluoroscopy) imaging studies and analysis for stroke and thyroid cancer patients to assess swallowing disorders in aims to develop rehabilitation techniques

Select Projects:

PI: Dr. Marlis Fernandez-Gonzalez

- *Neural Mechanisms of Swallowing Dysfunction and Apraxia of Speech in Acute Stroke.*

Senior Research Assistant, University of Missouri-Columbia, Columbia, Mo. Aug. 2016- May 2017
Department: Psychology, **Advisor: William Blake Erickson**
Honors Research Thesis Capstone

- Authored independent research grant proposal, which was accepted and funded by the University of Missouri
- Collaborated in designing and coding of a computer program using E-Prime 2.0
- Poster presentation at the annual Midwestern Psychology Association meeting, Chicago, IL.
- Presented research findings at the University of Missouri's Psychology Day
- Conducted a weekly laboratory meeting to present research information to fellow researchers
- Trained research assistants in lab procedures
- Managed the schedules and responsibilities of undergraduate research assistants

Research Assistant, University of Missouri-Columbia, Columbia, Mo. Feb. 2016- May 2017
Department: Psychology **PI: Moshe Naveh-Benjamin**
Memory and Cognitive Aging Laboratory

- Ran participants in various research projects
- Conducted sensory battery: auditory and visual testing on participants
- Assisted in administration of cognitive functioning measures: MMSE, morningness-eveningness questionnaire
- Scheduled participants via Sona System or community subject pool

Research Assistant, University of Missouri-Columbia, Columbia, Mo. Aug. 2015- Jan. 2016
Department: Psychology & Biological Sciences **PI: Dennis Miller**
Center for Translational Neuroscience

- Responsible for preparation and analysis of data using SPSS
- Provided intravenous injections of saline solution or cocaine to mice
- Coded activities of rat's reaction time to heat and light sensitivities post-operationally
- Presented journal articles to fellow students at a laboratory meeting
- Trained in animal laboratory handling in the state of Missouri

Clinical Experience

ABMT Stem Cell Transplant Clinic, *Duke Hospital- ABMT Clinic*, Durham, NC. 2020

- Recruitment and consenting cancer patients post-op transplant within recovery clinic and administering pain coping skills and physical activity trackers to promote and carry out exercise tests.

Cerebrovascular Center- Nuerology Clinic, *Johns Hopkins Outpatient Center*, Baltimore, MD. 2017- 2019

Inpatient Hospital Neurology and NICU Floors *Johns Hopkins Hospital*, Baltimore, MD. 2017-2019

- Administered neuropsychological tests to assess patient's cognitive functioning, decline rate, and neurological rehabilitation success
- Documented doctor-patient examinations with medical scribing and appointment summaries

Swallowing Disorders Program, *Johns Hopkins Hospital*, Baltimore, MD. Sept. 2017-Jan. 2019

Swallow & Amputee Clinic: Per Diem Jan.2019- Oct 2019

- Assisted in the United States' first 3D CT Swallow Imaging Test and Analysis with Dr. Gonzalez-Fernandez
- Oversaw amputee clinical appointments and monitored patient prosthesis fittings and castings

Professional Activities

Duke: Department of Psychiatry & Behavioral Sciences 2020-2021

- Research Wednesday- Professional Development Events & Trainings

Johns Hopkins Hospital 2017-2019

- **Psychiatry Grand Rounds & Seminars**
- Neurology- Neurosciences- Neurosurgery Grand Rounds & Seminars
- Brain Rescue Unit Grand Rounds

Membership & Leadership Experience

Psi Chi & Psychology Club, *International Honor Society in Psychology*, Winter 2014-Present

- Psi Chi- Honor Recipient: Induction 2014
- Involved in monthly service trips and weekly organization meetings

Marketing Officer, *Hopeful Africa*, Fall 2014-2016

- Produced marketing stances to promote and increase awareness to recruit student members
- Planned and executed organization's fundraising events (e.g. #EbolaHotSauceChallenge)
- Collaborated with other International Service organizations to provide informative lectures

Secretary & Treasurer, *RHA- Residency Hall Government*, Fall 2013-Spring 2014

- Coordinated and Planned social events for residents to meet and greet, presented weekly educational resource talking topics and ran tutoring hours

Public Relations Officer, *Association of Accountancy Students*, Fall 2013-Spring 2015

- Cultivated social networking events for students to interact with corporate recruiters and promoted with public speaking events in business courses

Honory Leadership Candidate, EY- Emerging Leaders Summit,*June 2014*

- Attended leadership conference held in Washington, D.C
- Selected out of a competitive pool of country wide candidates

Service & Volunteer Experience

Nakuru, Africa. Service Trip, Hopeful Africa,*May 15-June 5*

- Traveled throughout the country to visit partnering schools to become immersed within the educational system of Africa
- Collaborated with local schools to hold meet and greets with sponsored students and teachers
- Installed fully equipped computer laboratories for individual schools: emphasizing in purchasing all materials from local business owners

True North, Domestic Violence shelter,*May 2015*

- Prepared children's facilities for visiting families to promote a homely environment
- Visited shelter on a basis to aid in upkeep

Certifications & Trainings

Multicultural Certificate, University of Missouri-Columbia,*Spring 2017*

- This certificate represents a student's dedication to an increasing awareness of multicultural studies and diversity issues. Earning this certificate symbolizes the achievement of excellence in facilitating cross-cultural interactions and a deeper understanding of communicating through cultural barriers.

FMRI/ Brain Lesion Tracing , Johns Hopkins University: School of Medicine,*2017-2019***CT Scan/ VFSS Training, , Johns Hopkins University: School of Medicine,***2017-2019***IRB Training, Johns Hopkins University: School of Medicine & Duke & UW- Madison,** *2017-Present 2022***CITI: Basic Humans Subjects Research, Johns Hopkins University: School of Medicine & Duke,** *Sept. 2017***Clinical Research Management Systems, Johns Hopkins University: School of Medicine,** *Sept. 2017***HIPAA for Research, Johns Hopkins University: School of Medicine & Duke,** *Sept. 2017***EPIC & Maestrocare Training, Johns Hopkins University: School of Medicine & Duke,** *Sept. 2017***FMRI, MRI, CT, VFSS Analysis Proficiency, Johns Hopkins University: School of Medicine,** *2017-2019***Matlab Training Proficiency, Johns Hopkins University: School of Medicine,** *2017-2019***SPSS Training, University of Missouri-Columbia & Duke,** *2016-2017, 2020***Redcap Training, Johns Hopkins University: School of Medicine & Duke,** *2017-2020***Deduce, PACE, Oncore, Iris, e-irb, RDSP Software Services Training, Duke,** *2020***E-PRIME Training, University of Missouri-Columbia,** *2016-2017*

References: University of Wisconsin – Madison

Dr. Michael Koenigs, PhD

University of Wisconsin - Madison

Department of Psychiatry

Professor