Arianna N. Wright

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**Education**

**University of Missouri** Columbia, Missouri

Bachelor of Science in Psychology Graduation Date: May 2017

Minor in Biology Honors Graduate

Emphasis: Psychology, Mental health, Neuroscience, Neuroimaging Major GPA: 3.9, Cumulative GPA: 3.5

Honors Research Thesis Recipient Psychology Department

Multicultural Certificate May 2017

**Honors & Awards**

**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 Proceesing 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.

1. **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.

1. **American Psychology-Law Scoiety (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.

1. **American Neurological Association (ANA)**  *2017*
2. **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).

1. **University of Missouri- Psychology Day**  *2017*
2. **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*
* *Opiod Clinical Communities evidence summary 2020*

**Research Experience**

**Clinical Research Specialist- Senior,** *Duke: University Medical Center*, Durham, NC. *Feb. 2020-present*

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, manuscirpt 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 multidiscplinary team (e.g., psychologists, psychiatrists, nurses, physicans, 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 Delievery of a Behavioral Cancer Pain Intervention Using a SMART (OUTSMART).*

**PI:Dr. Jennifer Plumb- Vilardaga**

* *Just In Time: Increasing Physical Resillence in Older Adults with Osteoarhtritis Pain: Feasability and Acceptability of a Brief Behavioral Physical Activity Intervention.*

**Research Assistant,** *Johns Hopkins University: School of Medicine*, Baltimore, MD. S*ept. 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 engament 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. S*ept. 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 (videofluroscopy) imaging studies and analysis for stroke and thyroid cancer patients to asses 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 Cogntive Aging Labratory

* 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 sensitivies 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. S*ept. 2017-Jan. 2019*

Swallow & Amputee Clinic: **Per Diem** J*an.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-present*

* 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. #EbolaHotSauceChallange)
* 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,* *Sept. 2017-Present 2020*

**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*

**Research Training Skillset Summary**

* Imaging Anaylsis: fMRI, MRI, CT, VFSS. Stroke lesion drawings, brain ROIs
* Redcap, Deduce, Iris, Oncore, EGRC/RDSP
* E-prime, SPSS, Matlab
* IRB/e-irb, CITI, EPIC/ Maestrocare
* In patient, Outpatient, clinical/ medical care settings
* Data Dictionaries/ Database creation and development
* Regulatory: creating consent forms, drafting clinicaltrails.org, IRB/ Institutional approval tasks
* IRB: Drafting protocols to submit for IRB Approval, Submitting amendments
* Editing & Writing Proficiencies: Journals, Chapters & Abstracts
* Human & Animal Subject Research
* Research lab Management & Coordinator experience
* Testing: Behavioral, Cognitive, Neurological, Psychological
* Data Management & Analysis, Consort Diagrams
* Windows, MAC OS; Microsoft Office: Word, Excel, etc.

**References: Duke**

**Dr. Tamara J. Somers, PhD**

Department of Psychiatry and Behavioral Sciences

Duke University Medical Center

Associate Professor

**CONTACT:**

Office Phone: (919) 416-3408

Email: tamara.somers@duke.edu

Relationship: PI

**Dr. Jennifer Plumb- Valardaga, PhD**

Department of Psychiatry and Behavioral Sciences

Duke University Medical Center

Assistant Professor

**CONTACT:**

Office Phone: (919) 668-6123

Email: jennifer.plumb.vilardaga@duke.edu

Relationship: PI

**Dr. Sarah A. Kelleher, PhD**

Department of Psychiatry and Behavioral Sciences

Duke University Medical Center

Assistant Professor

**CONTACT:**

Office Phone: (919) 416-3405

Email: sarah.kelleher@duke.edu

Relationship: PI

**References: Johns Hopkins**

**Dr. Argye E. Hillis, MD, MA**

Johns Hopkins University School of Medicine

Professor of Neurology

Executive Vice Chair, Dept. of Neurology

Director, Cerebrovascular Division

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

**CONTACT:**

Office Phone: (410) 614 -2381

Email: argye@jhmi.edu

Relationship: Boss- Johns Hopkins Neurology Dept. , S.C.O.R.E LAB P.I.

**Dr. Marlís González Fernández, MD, PhD**

Johns Hopkins University School of Medicine

Associate Proffesor of Physical Medicine and Rehabilitation

Vice-chair of Clinical Affairs

Managing Director Outpatient Services

(S.I.P LAB) Swallowing Investigation and Physiology Lab

**CONTACT:**

Office Phone: 410-502-2438

Email: mgonzal5@jhmi.edu

Relationship: Boss- Johns Hopkins Physical Medicine and Rehabilitation Dept. , S.I.P LAB P.I.

**Amy Wright**

Johns Hopkins University School of Medicine

Department of Neurology,

Lab Manager, Research Assistant

S.C.O.R.E LAB

**CONTACT:**

Phone: (413) 210-0023

Email: aewright5@gmail.com

Relationship: S.C.O.R.E Lab Manager, Clinical in-patient & out-patient manager

**References: University of Missouri-Columbia (undergraduate)**

**Dr. William Blake Erickson**

Postdoctoral Researcher, *Memory and Cogntive Aging Lab*

Relationship: Honor’s Thesis Capstone Mentor, Lab Director

**Current information:**

Texas A & M University- San Antonio

Assistant Professor of Psychology,

Phone: (210) 784-2813

Email: William.Erickson@tamusa.edu

**Dr. Moshe Naveh-Benjamin**

Department Chair- Department of Psychology, *University of Missouri-Columbia*

Relationship: Mentor, P.I.

Phone: 573-884-8044

**Dr. Dennis Miller**

Professor- Department of Psychology, *University of Missouri-Columbia*

Relationship: P.I

Phone: 573-884-8141