

Dana Arnold

◆ 401-617-6061 ◆ Danaarn16@gmail.com ◆ www.Linkedin.com/in/dana-arnold

Education

University of North Florida <i>Master of Science in Psychology</i>	Jacksonville, FL 2021
University of Central Florida <i>Bachelor of Science in Psychology</i>	Cocoa/Orlando, FL 2017
Eastern Florida State College <i>Associate of Arts in Liberal Arts</i>	Cocoa, FL 2014
Community College of Rhode Island <i>Associate of Science in Business Management</i>	Lincoln, RI 2011

Publication and Theses

1. Shilling, L., Kahhan, N., **Arnold, D.**, Taylor, C., Pfeiffer, J., and Pfeffer, E. (In Final Prep). Determining Organizational Readiness for the Integration of Animal Assisted Therapy in a Freestanding Outpatient Pediatric Specialty Care Clinic. *Clinical Practice in Pediatric Psychology*.
2. **Arnold, D.** (2021). A Hopeless Illness Representation Style: Examining Chronic Illness and Depression with Coping as A Mediator. UNF Graduate Theses and Dissertations. 1091. <https://digitalcommons.unf.edu/etd/1091>
3. **Arnold, D.** (2017). To Gender Identity and Beyond: Does Femininity Lead to A Higher Risk of Depression? Honors in the Major Theses. 166. <http://stars.library.ucf.edu/honorsthesis/166>
4. Lange, L., Curtis, M.E., Ames, S., **Arnold, D.**, and Von Holten, E. (In Revision). Loneliness Experienced During Hospitalization Due to an Autologous Hematopoietic Stem Cell Transplantation (HSCT): Immunological Recovery Patterns and Six-Month Quality of Life (QOL) Outcomes. *Journal of Psychosocial Oncology*.
5. Richard, D., **Arnold, D.**, Johnson, M., and Backus, A. (On Hold). Student's Community Service Profiles and Institutional Pathways: Insights from the National Assessment for Service and Community Engagement (NASCE).

Grants & Awards

Office of Graduate Research Travel Grant: Arnold, D. & Phils, C. (April, 2019). In the Eye of the Interviewer: Gazepoint Eye Tracked Analyses of Racial and Gender Disparities in Unemployment. Grant for conference fees.

Student Government Travel Grant: Arnold, D. & White, G. (February, 2019). To Gender Identity and Beyond: Does Femininity Lead to a Higher Risk of Depression? Grant for travel to the Southeastern Psychology Association Conference.

Dean's List 2019-2021

- GPA 3.8

Honor Roll 2015-2017

- GPA 4.0

President's List 2013-2014

- GPA 3.8

Conferences and Presentations

1. **Arnold, D.**, Wang, S., Lin, T., Hayes, A., Lighthall, N., Ebner, N. C. (May, 2025). Vulnerability Profiles for Deception in Aging. Poster at the Florida Consortium on the Neurobiology of Cognition (FCNC), Orlando, FL.
2. Hayes, A., Lin, T., Alluri, M., Faulkner, R., Lyons, P., **Arnold, D.**, Lighthall, N. & Ebner, N. C. (May, 2025). Novel real-time fMRI neurofeedback training to enhance trust-related decision making in aging. Florida Consortium on the Neurobiology of Cognition (FCNC), Orlando, FL.
3. **Arnold, D.**, Pehlivanoglu, D., Faulkner, R., Zhen, J., Lin, T., El-Shafie, D., Zhu, M., Woodard, D., Cahill, B., & Ebner, N. C. (May, 2024). Is this real? Age-related differences in deep-fake detection. Poster at the Florida Consortium on the Neurobiology of Cognition (FCNC), Miami, FL.
4. **Arnold, D.** & Lange, L. (March, 2022). Recipe for Disaster: A Hopeless Illness Representation Style. Southeast Psychological Association (SEPA), Hilton Head Island, SC.
5. **Arnold, D.** & Phills, C. (April, 2019). In the Eye of the Interviewer: Gaze-point Eye Tracked Analyses of Racial and Gender Disparities in Unemployment. Showcase of Osprey Advancements in Research and Scholarship (SOARS), Digital.
6. **Arnold, D.** & White, G. (February, 2019). To Gender Identity and Beyond: Does Femininity Lead to a Higher Risk of Depression? Society for Personality and Social Psychology (SPSP), New Orleans, LA, USA.
7. **Arnold, D.** & White, G. (March, 2017). To Gender Identity and Beyond: Does Femininity Lead to a Higher Risk of Depression? UCF Showcase of Undergraduate Excellence (SURE), Orlando, FL, USA.

Research and Leadership Experience

Clinical Lab Coordinator II June 2023-Present
Social-Cognitive and Affective Developmental Lab (Ebner Lab)

- **Directed Federally and State-Funded Research Programs**
 - Led multiple **NIH/NIA** and **FDOH**-funded studies focused on decision making, brain function, and aging.
- **Executed Multimodal Neurocognitive Research**
 - Conducted an **MRI** and **Eye Link 1000 +** eye tracking study examining cognitively healthy older adults and mild cognitively impaired older adults from different races to observe the processes in the brain that are active when making decisions, like detecting scams and fraud.

- Assisted in building and running an intervention study using neurofeedback, to target a brain area we identified as being involved in decision making, to see if we could improve lie detection and interoception.
- Ran a study examining the links between the microbiome, oxytocin levels, and neural activity in relation to decision making.
- Recruited, trained, and mentored 50+ undergraduate RAs and lab managers.

- **Certified MRI Technician Operator II.**

Clinical Graduate Research Assistant/ Contractor
Nemours' Assisted Dog and Pony Therapy (ADAPT)

March 2021- Present

- **Led Organizational Readiness Study on Animal Assisted Therapy**

- Designed and conducted a mixed-methods study assessing Jacksonville Nemours' preparedness to implement Animal Assisted Therapy (AAT) and its perceived effectiveness post-implementation, utilizing **Qualtrics** and **REDCap** for data collection, and **SPSS** and **R** for quantitative and qualitative analysis.

Clinical Research Assistant

June 2022 – June 2023

Preventing Alzheimer's with Cognitive Training (PACT) -NIH Funded

- **Implemented Cognitive Intervention Research**

- Administered a study using computerized cognitive training games to support brain health and prevent Alzheimer's disease, assessing cognition with the Montreal Cognitive Assessment (**MoCA**) and Telephone Interview for Cognitive Status (**TICS**).

Post Graduate Fellow/ Lead Graduate Research Assistant

February 2021-June 2022

Prevention, Early-Intervention and Resiliency through Counseling and Holistic Health (OspreyPERCH)

- **Conducted Psychological Testing and Clinical Reporting**

- Administered cognitive assessments using **CNS Vital Signs** and documented results in **Titanium (T+)**. Summarized findings for supervisor's review to inform clinical care and evaluation.

- **Promoted Mental Health Through Community Engagement**

- Assisted in planning and executing outreach initiatives such as "Think Before You Drink" and "Putting Anxiety on Paws", aimed at increasing public awareness of substance use and mental health through education and community involvement.

Graduate Research Assistant/Senior Research Assistant

January 2020-May 2022

Center for Community Based Learning (CCBL)

- **Directed Campus-Wide Longitudinal Research Initiatives**

- Led a multi-year, university-wide longitudinal study in collaboration with faculty and leadership. Recruited participating instructors, liaised with stakeholders, and distributed Community-Based Learning (CBL) surveys across academic departments.
- Proofread sections of a forthcoming book manuscript on service learning and civic engagement.

- **Collaborated on National Research and Scholarly Dissemination**

- Contributed to the National Assessment of Service and Community Engagement (NASCE) project. Presented findings to research collaborators.

Graduate Research Assistant

July 2019-January 2022

Prejudice Lab and Lange Lab

- **Led Independent Graduate Research Projects**

- Conducted independent research on race-based prejudice treatment in the hiring process using the **Gazepoint** eye-tracking system (stopped due to COVID)
- Conducted independent research on coping strategies with hopeless illness representations and their relationship with depression; analyzed using **SPSS**.

Lead Data Analyst (Intern)

June 2020-August 2020

Data Science for Social Good

- **Led Community Partnership and Project with Episcopal Children's Services (ECS)**

- Analyzed publicly available demographic data and empirically identified risk factors allowing the computer science major to build a Geographic information System (GIS) that ECS now uses to locate the areas in town that need their help the most.

Undergraduate Research Assistant

2016-May 2018

Personality Lab

- **Led Independent Undergraduate Research Project**

- Completed Honors in the Major (HIM) thesis investigating personality traits and femininity as factors in depression.

Relevant Research Experience

Programming/Analysis:

- **SPSS** (intermediate)
- **R** programming language/ **R Studio** (intermediate)
- **Experiment Builder** (Basic)
- **PsychoPy** (Basic)

Neuroimaging:

- **fMRI** (basic)

Counseling Experience

Intern (Practicum)

July 2020-July 2021

Discover Counseling

- **Provided Evidence-Based Therapeutic Interventions**

- Conducted supervised therapy sessions utilizing evidence-based techniques to address emotional and behavioral challenges in clients of all ages.

- **Developed Clinical Documentation and Treatment Plans**

- Prepared detailed case notes, treatment plans, and progress reports adhering to ethical guidelines and confidentiality standards.

Group Counseling - Job Shadow

August 2020-October 2020

UNF

- **Observed Group Therapy Practices**

- Shadowed licensed counselors facilitating group therapy, gaining understanding of group dynamics and therapeutic methods.

Teaching and Mentoring Experience

Graduate Teaching Assistant (3 semesters)
University of North Florida (UNF)

August 2020-July 2021

- **Supported Course Instruction and Assessment**

- Graded exams and assignments for Cognitive Psychology and Human Sensory Perception courses, providing constructive feedback to enhance student learning.

Alumni Mentorship Program
University of Central Florida (UCF)

August 2018-August 2019

- **Provided Academic and Personal Mentorship**

- Mentored three Honors Psychology students weekly, supporting their personal development, educational planning, and goal-setting.

- **Supported Research and Writing Skills Development**

- Guided a non-native English speaker in research methodology, academic writing, and thesis organization to enhance scholarly performance.

Pre-Algebra Tutor
Self-owned business

August 2017-May 2018

- **Delivered Individualized Instruction in Pre-Algebra**

- Assessed academic and behavioral challenges to tailor instruction that met each student's needs.
- Fostered Student Development and Independence

Additional Training

R Programming Training – University of Florida

May-July 2025

- Introduction to R and basic analyses

Missing Data Analysis: Why and How – University of Florida

March 2025

- Decision Tree workshop

Hands on crash course in Machine Learning and EEG – University of Florida

February 2025

Git and GitHub Workshops: - University of Florida

March 2025

- Version Control with Git, GitHub, Git and GitHub on HiPerGator and Google Collab

Computational Modeling Workshop – University of Florida

June 2024

- Log Likelihood (one parameter) Model in Matlab

Professional Memberships & Volunteerism

Psi Chi Honor Society

2016-Present

- Involvement in a cohesive community of scholars

Vice President/ Acting President 2017

- Developed and led outreach events
- Recruited members
- Created educational media

Treasurer 2016

- Developed and coordinated fundraisers
- Volunteered at outreach events
- Managed funds

American Psychological Association Affiliate 2015-Present

- Society of Clinical Psychology (Division 12)

Volunteer, Letters to a Pre-Scientist 2025-Present

- Corresponded with a middle school student about STEM topics, answering questions and providing guidance.

Volunteer, Brain Awareness Week 2025

- Led an interactive lesson for 2nd graders on brain lobes and careers in psychological research.

Alumni Mentorship Program, UCF 2018-2019

- Mentored Honors Psychology students each year

Volunteer, Keep Brevard Beautiful 2016-2021

- Volunteered at monthly events cleaning the land and water in Brevard County.

Volunteer, Heroes on the Water Space Coast Chapter 2016-2019

- Volunteered at quarterly events escorting a veteran on the water fishing.

Other Leadership & Healthcare Experience

Comprehensive Health Services September 2011-June 2019
Health Administration Company

- **Directed Staffing and Operations Management**
 - Led and managed over 150 domestic and international administrators and medical providers. Developed and implemented policies and procedures across multiple countries to ensure operational consistency and compliance.
- **Provided Executive Administrative Support**
 - Assisted the International COO by coordinating communication between government contractors, international sites, and internal departments. Organized and led meetings, managed travel arrangements, and prepared white papers for government contracts. Managed expense reporting and fundraising efforts, raising \$6,000 for breast cancer research.
- **Managed Recruitment and Scheduling**

- Recruited medical facilities and providers to conduct employment and Veteran Affairs (VA) disability exams across the USA and Germany. Coordinated scheduling of exams to optimize service delivery and provider availability.