

Cameron Pothoven

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Education

- Ph.D University of Southern Mississippi** 2023- present
Clinical Psychology- child concentration
- B.S. University of Central Florida** 2017- 2021
Major: *Psychology*
Minors: *Statistics, Cognitive Sciences*
Burnett Honors College / Cum Laude
GPA: 3.87
Major GPA: 3.9

Publications

* = Honors Thesis

- ***Pothoven, C.** (2021). "Children with Attention-Deficit/Hyperactivity Disorder (ADHD): Factors Affecting Short-Term Phonological Memory over Time". *Honors Undergraduate Theses*. 977.
<https://stars.library.ucf.edu/honorstheses/977>
- Rapport, M. D., Friedman, L. M., **Pothoven, C.**, & Calub, C. (2022). Attention-Deficit/Hyperactivity Disorder (ADHD) and Forgetfulness: Does Time-Related Decay Reflect Deficient Rehearsal?. *Journal of Psychopathology and Behavioral Assessment*, 1-13.

Presentations

- Pothoven, C.**, Rapport , M. D., Calub. C., Iruita, C. (2020, November). *ADHD Children's Susceptibility to Interference in Memory Rehearsal*. [Poster Presentation] 2020 Virtual International Conference on ADHD
- Pothoven, C.**, Rapport , M. D., Calub. C., Iruita, C. (2021, February). *ADHD Children's Susceptibility to Interference in Memory Rehearsal*. [Poster Presentation] Florida Undergraduate Research Conference
- Leslie, J., **Pothoven, C.**, Babinski, D. (2022, October). *The Significance of Borderline Personality Features to Impairment in Early Adolescence*. [Oral Presentation] Penn State Women's Health Research Day

Research Experience

Penn State Attention and Behavior Clinic

2021- 2023

Research Coordinator

Responsibilities:

- ❖ Coordinated most aspects of research studies for several PIs
 - Projects included work on: BPD, ADHD, Peer functioning, emotion regulation, Reward Processing, Attention control and various impairment studies.
- ❖ Utilized EEG technology with research participants
 - Personally completed several hundred EEG assessments
 - Maintained and fixed all related equipment including replacing individual electrodes
 - Interpreted brain activity using Brainvision recorder and analyzer
- ❖ Created and automated projects using REDCap
- ❖ Recruited, pre-screened and consented participants for various projects
- ❖ Coded syntax for dozens of clinical assessments for data analysis
- ❖ Maintained, created, and updated IRB protocols and submissions for all studies
- ❖ Helped set up a Summer Treatment Program (STP) for children with attention and behavior problems
 - Interviewed and hired candidates for camp counselor positions
 - Collected family, child, teacher, and counselor data throughout the camp for research
- ❖ Optimized several lab systems (i.e. coded automated calculators for previously manually collected data)
- ❖ Administered, scored and interpreted several clinical assessments including ASEBA, WASI, WRAT, SITBI, and KSADS)
- ❖ Measured reward sensitivity and memory in children using novel computer tasks
- ❖ Conducted social processing research in children with ADHD by training confederates to perform in a peer interaction task with participants

FIU Center for Children and Families (STP)

Summer 2021

Research Assistant / Behavioral Tech

Responsibilities:

- ❖ Helped run a summer program to provide clinical treatment to children with ADHD
- ❖ Implemented a unique behavioral program and point system
- ❖ Collected and Insured reliability to live data for all children and counselors
- ❖ Provided corrective feedback to counselors to improve behavioral therapy

Research Experience (Cont.)

UCF Children's Learning Clinic

2018-2021

Research Assistant

Responsibilities:

- ❖ Tested children using a large battery of cognitive tasks including WISC-IV/V, KTEA, and various working memory and attention tests
- ❖ Used Actigraphs to measure a wide range of movement
- ❖ Coded behavior using NOLDUS to analyze activity levels
- ❖ Used the FNIRS system to measure blood flow in children's brains while they completed various tasks
- ❖ Ran extended research visits with children and families
- ❖ Collected, Input, Scored and Analyzed various live data sets

UCF Summer Undergraduate Research Fellowship

Summer 2020

Undergraduate Research

Responsibilities:

- ❖ Received an academic grant to continue research into ADHD in children
- ❖ Attended multiple exclusive developmental and educational workshops
- ❖ Created a poster presentation to present my research at UCF's research poster showcase
- ❖ Worked with other researchers to develop and further various research projects in other fields

Honors Undergraduate Thesis

2019-2021

Advisor: Dr. Mark Rapport

Responsibilities:

- ❖ Used a unique experimental study to investigate phonological short term memory in children with ADHD and the effect of suppressing rehearsal
- ❖ Personally corrected and collected over 400 hours of video recorded session data
- ❖ Completed complex statistical analysis including Repeated Measures MANOVAs and multivariate regressions
- ❖ Defended my thesis to a board of doctors in the department
- ❖ Submitted and published my research findings through UCF

Teaching Experience

UCF- Department of Psychology

Teaching Assistant

- ❖ **Developmental Psychology** – Dr. Daniel McConnell (2 semesters)
- ❖ **History and Systems of Psychology** – Dr. Daniel McConnell
- ❖ **Social Psychology** – Dr. Chrysalis Wright

Responsibilities:

- ❖ Helped Create and administer test questions for exams
- ❖ Graded all assignments and projects
- ❖ Answered any questions related to the subject material from students

Professional Affiliations

Psi Chi International Honor Society
(2018- Present)

UCF Psychological Society
(2018-present)

Awards and Honors

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| ❖ UCF President's Honor Roll (4 Semesters) | ❖ Undergraduate Research Award- \$1500 |
| ❖ UCF Dean's List (4 Semesters) | ❖ Florida Undergraduate Research Conference Travel Award |

Related Skills

Technological/ Software Proficiencies

- fNIRS
- Electroencephalogram (EEG)
- Actigraphs
- NOLDUS
- SPSS
- R
- Excel
- REDCap
- Brainvision
- Inquisit
- Presentation
- Cerner
- CATS IRB

Cognitive/ Clinical Testing

- | | |
|-------------|---------------------------------|
| • WISC-IV/V | • Working memory |
| • KTEA | • Reading Comprehension |
| • TRF | • Math ability testing |
| • CBCL | • Short term memory |
| • YSR | • Attention |
| • CSI-P | • Activity/movement measurement |
| • CSI-T | • Reward sensitivity |
| • WASI | • Social processing |
| • KSADS | • Emotion Regulation |
| • WRAT | |
| • SITBI | |

Language Skills

- American Sign Language