

# ALEXA CALLAHAN

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## EDUCATION

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**Doctor of Philosophy Student**, Sam Houston State University

*August 2022-Present*

Clinical Psychology

Forensic Emphasis

**Bachelor of Arts**, University of Nebraska at Omaha

*August 2015-May 2022*

Major: Psychology

Minors: Spanish, Criminology & Criminal Justice

Concentration: Forensic Psychology

Summa Cum Laude

## HONORS AND AWARDS

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**Outstanding Psychology Major Award**, University of Nebraska at Omaha

*December 2021*

**Regents Scholarship**, University of Nebraska at Omaha

*August 2018-May 2022*

**Chancellor's List**, University of Nebraska at Omaha

*August 2018-May 2022*

**Dean's List**, University of Nebraska at Omaha

*August 2018-May 2022*

## RESEARCH EXPERIENCE

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**Laboratory Manager**, Violence, Identity, and Personality Laboratory – Sam Houston State University

*August 2022-Present*

- Generate original research and conduct studies using student participation
- Mentor and assist undergraduate research assistants with projects to aid in their professional development
- Train undergraduate research assistants regarding data collection and maintenance to provide research experience
- Oversee project maintenance and protocol to ensure that valid and reliable results are collected
- Compose literature for research within the lab's domain

**Research Associate**, Interpersonal Violence Research Laboratory – University of Nebraska - Lincoln

*December 2021-July 2022*

- Engaged in volunteer research examining LGBTQ+ youth
- Coded secondary data in the Statistical Package for the Social Sciences (SPSS)
- Conducted double-coding to ensure accuracy and reliability of results
- Assisted in paper writing and presentation of data.

**Undergraduate Student Researcher**, National Counterterrorism, Innovation, Technology, and Education Center: A Department of Homeland Security Center of Excellence

*May 2021-July 2022*

- Collaborated with other student researchers to transform individual research projects into an expansive pilot study
- Reviewed literature to understand current findings and identify gaps in the literature that the project could address
- Crafted specific research questions relevant to domain expertise and worked with team members and faculty to refine them
- Compiled, organized, and updated data sets relevant to research questions
- Utilized MAXQDA qualitative data analysis software and standardized hand-coding to conduct qualitative analysis
- Collaborated with the Center for Accelerating Operational Efficiency: A Department of Homeland Security Center of Excellence
- Presented project information to FBI and other distinguished visitors

**Undergraduate Student Researcher**, University of Nebraska Medical Center Undergraduate Summer Brain Research Program

*May 2020-August 2020*

- Worked under Boys Town National Research Hospital researcher Dr. Stuart White to conduct brain research using hormone and fMRI data
- Formulated and adjusted research project to comply with public health expert advice during the initial outbreak of the COVID-19 pandemic
- Analyzed existing hormone and fMRI data using the Statistical Package for the Social Sciences (SPSS)
- Presented findings at end-of-program symposium

**Undergraduate Student Researcher**, Malevolence, Innovation, Security, and Leadership Laboratory

*September 2019-August 2021*

- Participated in training to calibrate individual coder responses using the Salafi Jihadist Inspired Profiles and Radicalization Clusters codebook
- Interpreted open-source data including public court documents to content-code the life histories of Salafi-Jihadist inspired individuals
- Qualitatively coded individuals' mental health histories, family histories, relationships, radicalization data, and commitment to engage in violence

- Collaborated with individuals from a wide variety of disciplines to complete projects

**Research Assistant**, Jack & Stephanie Koraleski Commerce and Applied Behavioral Laboratory

*September 2019-July 2022*

- Completed the Human Subjects Research Course via the Collaborative Institutional Training Initiative (CITI)
- Devised a study passport system via Amazon Kindle Fire tablets to assist participants and ensure study completion
- Implemented instructions from researchers in order to facilitate data collection
- Collected and managed anonymous participant data through SONA Research Participation System and Qualtrics Survey Software
- Created and edited surveys through Qualtrics Survey Software
- Collaborated with individuals on the Information Technology team to ensure seamless data collection and technology function
- Utilized eye tracking, facial expression monitoring, virtual reality, and galvanic skin response technology

**PRESENTATIONS**

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**Callahan, A.**, Phan, J., Shirtcliff, E., Ladouceur, C., & White, S. (2020, August 10). Increasing testosterone, but not age, is associated with reduced response to reward in early adolescence [PowerPoint presentation]. Cognitive Neuroscience of Development & Aging Center Summer Scholars Data Blitz Session, Omaha, NE.

**PROFESSIONAL TRAINING**

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**Human Subjects Research Certification**, Sam Houston State University, Collaborative Institutional Training Initiative  
Social-Behavioral-Educational Researchers  
Stage 1 – Basic Course  
*August 2022*

**Human Subjects Research Certification**, University of Nebraska at Omaha, Collaborative Institutional Training Initiative  
Group 3: Social & Behavioral Course  
*September 2019*

**Title IX Hearing Officer and Decision-Maker Certification**, Association of Title IX Administrators  
*August 2020, August 2021*

**Conflicts of Interest**, University of Nebraska – Lincoln, Collaborative Institutional Training Initiative

*February 2022*

**Biomedical Responsible Conduct of Research**, University of Nebraska – Lincoln,  
Collaborative Institutional Training Initiative

*June 2022*

#### **PROFESSIONAL AFFILIATIONS**

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- **Sam Houston State University Graduate Student Psychology Organization**
- **Sam Houston State University Clinical Psychology Doctoral Program Diversity Committee**
- **American Psychological Association**
- **American Psychology-Law Society**

#### **LANGUAGES**

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**English:** Native Language

**Spanish:** Intermediate Listener, Intermediate Speaker, Advanced Reading and Writing