

# CURRICULUM VITAE

## ALAYNA E. SHOENFELT

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### RESEARCH INTERESTS

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- ❖ Face and Gaze Perception
- ❖ Social Cognition & Decision-Making
- ❖ Adult Lifespan Development and Aging
- ❖ Susceptibility to Deception, Financial Fraud, and Cyberattacks
- ❖ Artificial Intelligence

### EDUCATION

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- M.S., Psychology, University of Florida** December 2023  
Department of Psychology, Gainesville, FL  
Cumulative GPA, 4.0  
Dual Specialization: Developmental Psychology and Behavioral & Cognitive Neuroscience  
Master's Thesis: *Effects of Chronic Intranasal Oxytocin Administration on Face Processing in Aging: An Eye Tracking Study*
- B.A., Honors in Psychology, Indiana University of Pennsylvania** December 2020  
Department of Psychology, Indiana, PA  
Cumulative GPA, 4.0  
Minor in Biomedical Science  
Honors Thesis: *The Influence of a Potential Human Pheromone on Anxiety and Emotion Detection*

### PEER REVIEWED PUBLICATIONS

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- Horta, M., **Shoenfelt, A.**, Lighthall, N. R., Perez, E., Frazier, I., Heemskerk, A., Lin, T., Wilson, R.C., & Ebner, N. C. (2024). Age-group differences in trust-related decision-making and learning. [Special Issue] *Scientific Reports*.
- Ebner, N. C., Pehlivanoglu, D., & **Shoenfelt, A.** (2023). Financial fraud and deception in aging. *Advances in Geriatric Medicine and Research*, 5(3). <https://doi.org/10.20900/agmr20230007>

### SUBMITTED MANUSCRIPTS & PREPRINTS

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- Perez, E., **Shoenfelt, A.**, Lighthall, N.R., Frazier, I., El-Shafie, D., Lin, T., & Ebner, N.C. (2023, December 21). The Social Iowa Gambling Task (S-IGT): A novel paradigm for investigating social learning and decision making. <https://doi.org/10.31234/osf.io/s5xq9>
- Shoenfelt, A.**, Pehlivanoglu, D., Lin, T., Ziaei, M., Feifel, D., & Ebner, N.C. (2023, December 16). Effects of chronic intranasal oxytocin on visual attention to social vs nonsocial stimuli in older adults. <https://doi.org/10.31234/osf.io/6nmzd>
- Pehlivanoglu, D., **Shoenfelt, A.**, Hakim, Z., Heemskerk, A., Zhen, J., Huentelman, M., Grilli, M.D., Wilson, R.C., Turner, G., Spreng, R.N., & Ebner, N.C. (2023, July 4). Phishing vulnerability compounded by older age, APOE4 genotype, and lower cognition. <https://osf.io/6f2y9/>

### GRANTS

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- National Institute on Aging T32 Fellowship** August 2023 – August 2024

**Training Program:** Research Training in Non-Pharmacological Interventions for Cognition in Aging, MCI, and Alzheimer's Disease (T32AG020499)

**Mentor:** Dr. Natalie Ebner

**Director:** Dr. Michael Marsiske

**HONORS AND AWARDS (\$34,000 TOTAL)**

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<b>Jaquelin Goldman Research Award</b>	December 2023 – August 2024
Award: \$5000	
Project: <i>An Eye Towards Aging: Gaze Perception of Naturalistic and Computer-Generated Faces Across the Lifespan</i>	
<b>Department of Psychology Travel Award</b>	December 2023
Award: \$750	
Conference: Spring 2024, Social Affective Neuroscience Society Meeting in Toronto, ON, CA.	
<b>Jaquelin Goldman Spring Scholarship</b>	May 2023 – August 2023
Award: \$6000	
Funding to be used in Summer 2023	
<b>Jaquelin Goldman Research Award</b>	December 2022 – August 2023
Award: \$5000	
Project: <i>A Neural Network Approach to Understanding Fake News Detection Across the Adult Lifespan</i>	
<b>Sallie P. Ashe Travel Award</b>	December 2022
Award: \$500	
Conference: Spring 2023 Dallas Aging and Cognition Conference in Dallas, TX	
<b>Department of Psychology Travel Award</b>	November 2022
Award: \$750	
Conference: Spring 2023 Dallas Aging and Cognition Conference in Dallas, TX	
<b>Jaquelin Goldman Spring Scholarship</b>	May 2022 – August 2022
Award: \$6000	
Funding to be used in Summer 2022	
<b>Jaquelin Goldman Research Award</b>	December 2021 – August 2022
Award: \$4997	
Project: <i>Oxytocin and Aging Study</i>	
<b>Graduate Student Council Travel Award</b>	December 2021
Award: \$350	
Conference: Spring 2022 Dallas Aging and Cognition Conference in Dallas, TX (cancelled due to COVID-19)	
<b>Sallie P. Ashe Travel Award</b>	December 2021
Award: \$500	
Conference: Spring 2022 Dallas Aging and Cognition Conference in Dallas, TX (cancelled due to COVID-19)	
<b>Department of Psychology Travel Award</b>	November 2021

Award: \$600

Conference: Spring 2022 Dallas Aging and Cognition Conference in Dallas, TX  
(cancelled due to COVID-19)

**Undergraduate Summer Opportunity for Applying Research**

June - August 2020

Award: \$2000

Project: *Beliefs and Knowledge Regarding Covid-19*

**Research Experience for Summer Scholars**

June - August 2019

Award: \$1500

Project: *The Effects of Systemic Dopamine Administration on the Behavior of Orange Head  
Cockroaches (Eublaberus Posticus)*

**PRESENTATIONS**

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\*Denotes an undergraduate mentee

**Shoenfelt, A.**, Pehlivanoglu, D., Lin, T., Feifel, D., & Ebner, N. C. (November, 2023). *Effects of chronic intranasal oxytocin on visual attention to social vs nonsocial stimuli in older adults*. Poster at the Society for Social Neuroscience Conference (virtual).

Pehlivanoglu, D., **Shoenfelt, A.**, Horta, M., Lin, T., Woods, A., Feifel, D., & Ebner, N. C. (November, 2023). *Temporal Dynamics of Oxytocin in Aging: Putting the Tri-Phasic Model into Test*. Talk at the Society for Social Neuroscience (virtual).

Warren, R.\*, El-Shafie, D., **Shoenfelt, A.**, Heemskerk, A., Lin, T., Ebner, N.C., (November, 2023). *State-trait anxiety moderates age effects on theory of mind*. Poster at the Fall Undergraduate Research Symposium at the University of Florida in Gainesville, FL, USA.

Kantor, M.\*, **Shoenfelt, A.**, Pehlivanoglu, D., Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., Turner, G., Spreng, N., & Ebner, N.C. (April, 2023). *Susceptibility to Online Deception in Aging*. Poster at the Undergraduate Research Symposium at the University of Florida in Gainesville, FL, USA.

Kantor, M.\*, **Shoenfelt, A.**, Pehlivanoglu, D., Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., Turner, G., Spreng, N., & Ebner, N.C. (April, 2023). *Susceptibility to Online Deception in Aging*. Poster at the PGSO Undergraduate Research Forum at the University of Florida in Gainesville, FL, USA.

Horta, M. H., **Shoenfelt, A.**, Perez, E., Frazier, I., Heemskerk, A., Lin, T., Lighthall, N. R., & Ebner, N. C. (February, 2023). *Age differences in trust-related decision-making*. North Central Florida Society for Neuroscience Annual Chapter Conference, Gainesville, FL, USA.

**Shoenfelt, A.E.**, Pehlivanoglu, D., Lin, T., Krol, K., Perkeybile, A., Connelly, J., & Ebner, N. C. (February, 2023). *Associations Between Oxytocin Receptor Gene Methylation and Emotional Face Processing in Older Adults*. Poster at the Dallas Aging and Cognition conference in Dallas, TX, USA.

Horta, H., **Shoenfelt, A.E.**, Perez, E., Frazier, I., Heemskerk, A., Lin, T., Lighthall, N.R., Ebner, N.C. (February, 2023) *Age differences in trust-related decision-making and learning*. Talk at the Dallas Aging and Cognition Conference, Dallas, TX, USA.

Pehlivanoglu, D., **Shoenfelt, A.E.**, Heemskerk, A., Hakim, Z., Zhen, J., Huentelman, M., Grilli, M. D., Wilson, R. C., Turner, G., Spreng, R. N., & Ebner, N. C. (February, 2023). *Phishing in-the-Lab and in-the-Wild: Older age, APOE4 and Cognitive Status Predict Particular Susceptibility to Online Scams*. Talk at the Dallas Aging and Cognition Conference, Dallas, TX, USA.

**Shoenfelt, A.**, Pehlivanoglu, D., Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., & Ebner, N.C. (2022, February). *Susceptibility to Email Phishing in Older Adults and Individuals at Particular Risk for Alzheimer's Disease*. Poster accepted for the Dallas Aging and Cognition Conference in Dallas, TX (cancelled due to COVID-19).

**Shoenfelt, A.**, Pehlivanoglu, D., Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., & Ebner, N.C. (2022, January). *Susceptibility to Email Phishing in Older Adults and Individuals at Particular Risk for Alzheimer's Disease*. Poster presented at the 12<sup>th</sup> Annual North Central Florida Chapter of the Society for Neuroscience Conference in Gainesville, FL.

**Shoenfelt, A.**, & Perillo, J. (2020, October). *Investigating Covid-19 Beliefs and Consequences*. Invited poster presentation at the Natural Sciences and Mathematics Advancement Council Meeting held virtually in Indiana, PA.

**Shoenfelt, A.**, & Perillo, J. (2020, August). *Beliefs and Knowledge Regarding Covid-19*. Paper presented virtually at the annual Indiana University of Pennsylvania Undergraduate Summer Opportunities for Applying Research symposium, Indiana, PA.

Fouts, A., **Shoenfelt, A.**, Wright, S., & Perillo, J.\* (2020, May). *Conspiracy beliefs about Covid-19: An investigation of predictors and consequences*. Paper presented at the semi-annual Indiana University of Pennsylvania's Psychology Department Colloquium, Indiana, PA.

\*co-presented by the first three authors, listed alphabetically

**Shoenfelt, A.**, & Farrell, W. (2019, August). *The effects of systemic dopamine administration on the behavior of Orange Head Cockroaches (Eublaberus Posticus)*. Poster presented at the annual Indiana University of Pennsylvania Research Experience for Summer Scholars symposium in Indiana, PA.

## WORKSHOPS ATTENDED

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**Practicum AI** Summer 2023  
University of Florida, Dr. Matthew Gitzendanner

**Dynamic Models of Decision-Making,** Fall 2022  
University of Florida, Dr. Peter Kvam

## TEACHING EXPERIENCE

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**Role:** Teaching Assistant, University of Florida Spring 2022  
**Course:** Developmental Psychology (DEP3053)  
**Instructor:** Dr. Marina Klimenko

**Role:** Guest lecturer, University of Florida Fall 2021  
**Lecture:** Emotional Development  
**Course:** Developmental Psychology (DEP3053)  
**Instructor:** Dr. Shani Kerr

**Role:** Guest lecturer, University of Florida Fall 2021

**Lecture:** Social Development  
**Course:** Developmental Psychology (DEP3053)  
**Instructor:** Dr. Shani Kerr

**Role:** Teaching Assistant, University of Florida Fall 2021  
**Course:** Developmental Psychology (DEP3053)  
**Instructor:** Dr. Shani Kerr

**Role:** Peer Mentor, Indiana University of Pennsylvania Fall 2019  
**Course:** Research Design and Analysis I (PSYC 290)  
**Instructor:** Dr. Krys Kaniasty

## MENTORSHIP EXPERIENCE

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**Mentee:** Maya Kantor Fall 2022 - Current  
**Program:** CLAS University Scholars Program  
**Project:** Linking APOE4 Carrier Status and Loneliness to Financial Fraud in Aging Populations  
**PIs:** Natalie Ebner, Ph.D.

## MEDIA APPEARANCES

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Perez, E., **Shoenfelt, A.**, Horta, M., Ebner, N.C., & Lighthall, N.R. (2024, January 22) Facing wolves in sheep's clothing: How younger and older adults differ in trust-related decision-making and learning. *Behind the Paper by Springer Nature*. <https://communities.springernature.com/posts/facing-wolves-in-sheep-s-clothing-how-younger-and-older-adults-differ-in-trust-related-decision-making-and-learning>

## SERVICE

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### **Journal reviews:**

*Journal of Gerontology: Psychological Sciences* (reviewer in training) 2024  
*The International Journal of Psychophysiology* (reviewer in training) 2023  
*Psychology and Aging* (reviewer in training) 2022  
*Quarterly Journal of Experimental Psychology* (reviewer in training) 2022

### **Volunteer and Organizational Service:**

**Role:** Lead Graduate Student Organizer 2024  
**Program:** Jacquelin Goldman & Trish Calvert Ring Speaker Series: Dr. Derek Isaacowitz

**Role:** Volunteer 2022  
**Program:** Brain Awareness Week, North Central Florida Chapter of the Society for Neuroscience

## SKILLS

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### **Technical Skills and Coding Languages:**

- Eye-tracking data extraction/processing in SR Research Eyelink Data Viewer
- EEG/ERP data processing in EEGLAB and ERPLAB
- Microsoft Excel, Word, PowerPoint
- R/Rstudio, STATA, MATLAB, Jamovi, SPSS

### **Statistical Skills:**

- Linear and logistic regression
- Multilevel modeling