

DIDEM PEHLIVANOGLU

CURRICULUM VITAE

Department of Psychology, University of Florida
945 Center Dr. P.O. Box 112250, Gainesville, FL 32611
dpehlivanoglu@ufl.edu

POSITIONS

- 2018 – Present **Postdoctoral Research Associate**
University of Florida / Gainesville, USA
Mentor: Dr. Natalie Ebner
- 2015 – 2018 **Graduate Teaching Assistant**
Georgia Institute of Technology / Atlanta, USA
- 2012 – 2015 **Graduate Research Assistant**
Georgia Institute of Technology / Atlanta, USA

EDUCATION

- 2012 – 2018 **Ph.D. in Cognitive Aging**
Georgia Institute of Technology / Atlanta, USA
Thesis: Age-related differences in selective attention to emotional material:
Does task relevance matter? (**APA Dissertation Award**)
Committee: Drs. Paul Verhaeghen (Chair), Audrey Duarte, Christopher
Hertzog, Mark Wheeler, & Derek Isaacowitz
- 2010 – 2012 **M.A. in Psychological Sciences**
Bogazici University / Istanbul, Turkey
Thesis: The role of self-referencing on feeling of knowing judgments
Committee: Drs. Aysecan Boduroglu (Chair), Ali Tekcan, & Ayca Kapucu
- 2005 – 2010 **B.A. in Psychology, Summa Cum Laude**
Izmir University of Economics / Izmir, Turkey

RESEARCH INTERESTS

- Cognitive Aging
- Decision Making
- Social and Affective Neuroscience
- Deception Detection
- Cyberpsychology
- Memory
- Metacognition
- Dementia

PEER-REVIEWED PUBLICATIONS

* *indicates undergraduate/graduate mentee*

- [11] **Pehlivanoglu, D.**, Lin, T., Lighthall, N., Heemskerk, A., Harber, A., Wilson, R., Turner, G. R., Spreng, R. N., & Ebner, N. C. (in press). Facial Trustworthiness Perception Across the Adult Lifespan. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. [\[Preprint\]](#)
- [10] Lin, T., **Pehlivanoglu, D.**, Ziaei, M., Liu, P., Woods, A. J., Feifel, D., Fischer, H., & Ebner, N. C. (in press). Age-related differences in amygdala activation associated with face trustworthiness but no evidence of oxytocin modulation. *Frontiers in Psychology*, 13, 838642. <https://doi.org/10.3389/fpsyg.2022.838642>

- [9] **Pehlivanoglu, D.**, Lighthall, N. R., Lin, T., *Chi, K. J., *Polk, R., *Perez, E., Cahill, B., & Ebner, N. C. (2022). Aging in an “infodemic”: The role of analytical reasoning, affect, and news consumption frequency on news veracity detection. *Journal of Experimental Psychology: Applied*. <https://doi.org/10.1037/xap0000426> [Preregistration & Preprint] [Open Data & Materials]
** Featured in [ScienceDaily](#) and [U.S.News](#)
- [8] Ebner, N. C., **Pehlivanoglu, D.**, Polk, R., Turner, G. R., & Spreng, R. N. (2022). Aging online: Rethinking the aging decision-maker in a digital era. In Y. Hanock & S. Wood (Eds.), *A Fresh look at Fraud: Theoretical and Applied Perspectives* (pp. 58-87). Routledge Taylor Francis.
- [7] **Pehlivanoglu, D.**, Lin, T., Deceus, F., *Heemskerk, A., Ebner, N. C., & Cahill, B. S. (2021). The role of analytical reasoning and source credibility on the evaluation of real and fake full-length news articles. *Cognitive Research: Principles and Implications*, 6(1), 1-12.
<https://doi.org/10.1186/s41235-021-00292-3> [Open Data & Materials]
- [6] Horta, M., **Pehlivanoglu, D.**, Ebner, N.C. (2020). The Role of Intranasal Oxytocin on Social Cognition: an Integrative Human Lifespan Approach. *Current Behavioral Neuroscience Reports*, 1-18. <https://doi.org/10.1007/s40473-020-00214-5>
- [5] **Pehlivanoglu, D.**, *Myers, E., & Ebner, N. C. (2020). Tri-Phasic Model of Oxytocin (TRIO): A systematic conceptual review of oxytocin-related ERP Research. *Biological Psychology*, 154, 107917. <https://doi.org/10.1016/j.biopsycho.2020.107917>
- [4] **Pehlivanoglu, D.**, Duarte, A., & Verhaeghen, P. (2020). Multiple identity tracking strategies vary by age: An ERP study. *Neuropsychologia*, 138, 107357.
<https://doi.org/10.1016/j.neuropsychologia.2020.107357> [Open Data]
- [3] **Pehlivanoglu, D.**, & Verhaeghen, P. (2019). Now you feel it, now you don't: Motivated attention to emotional content is modulated by age and task demands. *Cognitive, Affective, & Behavioral Neuroscience*, 1-18. <https://doi.org/10.3758/s13415-019-00741-z> [Open Data & Materials]
** Recipient of APA Div 20 Dissertation Research Award
- [2] Boduroglu, A., **Pehlivanoglu, D.**, Tekcan, A. İ., & Kapucu, A. (2015). Effects of self-referencing on feeling-of-knowing accuracy and recollective experience. *Memory*, 23(5), 736-747.
<https://doi.org/10.1080/09658211.2014.925927>
- [1] **Pehlivanoglu, D.**, Jain, S., Ariel, R., & Verhaeghen, P. (2014). The ties to unbind: Age-related differences in feature (un)binding in working memory for emotional faces. *Frontiers in Psychology*, 5, 253. <https://doi.org/10.3389/fpsyg.2014.00253> [Open Data]

HONORS & AWARDS

2021	APA Div 20 Postdoctoral Research Award	\$500.00
2021	Cluff Aging Research Award , Institute for Learning in Retirement at Oak Hammock	\$1,500.00
2018	Travel Award , The Georgia Tech Graduate Student Government Association	\$250.00
2017	APA Div 20 Dissertation Research Award	\$1,000.00
2010 – 2012	National Scholarship for Graduate Students, The Scientific and Technological Research Council of Turkey (TUBITAK)	\$36,000.00
2005 – 2010	Full Tuition Merit Scholarship (Izmir University of Economics)	N/A

RESEARCH SUPPORT

2022	Scientific Research Network on Decision Neuroscience and Aging (under review) <i>Project:</i> A Neural Network and Neurophysiological Approach for Characterizing Fake News Detection in Aging and Individuals at Risk for Alzheimer's Disease; <i>Role:</i> PI	\$24,000.00
2022	The Consortium on Trust in Media and Technology at the University of Florida (under review) <i>Project:</i> A Neural Network Approach to Enhancing Fake News Detection in Aging; <i>Role:</i> PI	\$5,008.00
2022	The McKnight Research Foundation Cognitive Aging and Memory Intervention Core Pilot Program (under review) <i>Project:</i> A Neural Network and Guided Eye-Tracking Approach for Characterizing and Combating Fake News Detection in Aging; <i>Role:</i> PI	\$117,786.00
2017 – 2018	APA Dissertation Research Award <i>Project:</i> Age-related Differences in Selective Attention to Emotional Material: Does Task Relevance Matter?; <i>Role:</i> PI	\$1,000.00

CONFERENCE PRESENTATIONS

* *indicates undergraduate/graduate mentee*

- [20] Heemskerk, A., Lin, T., **Pehlivanoglu, D.**, Turner, G., ten Brinke, L., Spreng, N., & Ebner, N. C. (May, 2022). *Truth-Bias in Deception Detection: Effects of Age and Gender*. Poster to be presented at the Association for Psychological Science Annual Convention, Chicago, IL, USA.
- [19] Lighthall, N. R., **Pehlivanoglu, D.**, Cahill, B. S. & Ebner, N. C. (April, 2022). *Confidence in judgments about news veracity in aging and the role of accumulated life experience*. Talk at the Cognitive Aging Conference, Atlanta, GA, USA.
- [18] *Shoenfelt, A., **Pehlivanoglu, D.**, Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., Turner, G., Spreng, N., & Ebner, N.C. (January, 2022). *Susceptibility to email phishing in older adults and individuals at particular risk for Alzheimer's Disease*. Poster at the 12th Annual North Central Florida Chapter of the Society for Neuroscience Conference in Gainesville, FL, USA.
- [17] **Pehlivanoglu, D.**, Lighthall, N. R., Cahill, B. S., Ebner, N. C. (January, 2022). *Confidence in news veracity judgments: The role of life experience*. Poster at the Dallas Aging and Cognition Conference. Dallas, TX, USA (cancelled due to COVID-19).
- [16] *Shoenfelt, A., **Pehlivanoglu, D.**, *Heemskerk, A., Hakim, Z., Grilli, M., Huentelman, M., & Ebner, N.C. (January, 2022). *Susceptibility to email phishing in older adults and individuals at particular risk for Alzheimer's Disease*. Poster at the Dallas Aging and Cognition Conference. Dallas, TX (cancelled due to COVID-19).
- [15] **Pehlivanoglu, D.**, Lin, T., *Chi, K., Perez, E., *Polk, R., Cahill, B. S., Lighthall, N. R., Ebner, N. C. (August, 2021). *Aging in an "Infodemic": Susceptibility to Fake News During COVID-19*. Poster at the American Psychological Association Annual Convention (virtual).
**Recipient of APA Division 20 Postdoctoral Research Award

- [14] *Chi, K., **Pehlivanoglu, D.**, Lin, T., Perez, E., *Polk, R., Cahill, B. S., Lighthall, N. R., Ebner, N.C. (March, 2021). *Aging in an Era of Misinformation: Susceptibility to Fake News During COVID-19 Among Older Adults*. Poster at the Annual Institute for Learning in Retirement Student Research on Aging Poster Competition and the Robert Levitt Awards at Oak Hammock, Gainesville, FL, USA (virtual).
- [13] **Pehlivanoglu, D.**, Lin, T., *Harber, A., Swarup, A., Zhu, M., Woodard, D., Turner, G., Spreng, N., & Ebner N. C. (April, 2020). *Other-age effect in perceptions of facial trustworthiness*. Poster at the Cognitive Aging Conference, Atlanta, GA, USA (cancelled due to COVID-19).
- [12] **Pehlivanoglu, D.**, Lin, T., Horta, M., Frazier, I., Perez, E., Ojeda, M., Ziaei, M., Woods, A., Feifel, D., & Ebner, N. C. (April, 2020). *Perceived facial trustworthiness in older men is modulated by chronic intranasal oxytocin administration*. Poster at the Cognitive Aging Conference, Atlanta, GA, USA (cancelled due to COVID-19).
- [11] **Pehlivanoglu, D.**, Lin, T., Turner, G., Spreng, N., & Ebner N. C. (February, 2020). *Other-age effect in perceptions of facial trustworthiness*. Poster at the Annual Student Research on Aging Exposition and Awards sponsored by the Institute for Learning in Retirement at Oak Hammock, Gainesville, FL, USA.
- [10] **Pehlivanoglu, D.**, Lin, T. Ojeda, M., Horta, M., Frazier, I., Ziaei, M., Feifel, D., & Ebner, N. C. (June, 2019). *Chronic intranasal oxytocin administration in older men modulates perceived facial trustworthiness*. Poster at the UF Institute on Aging Day, Gainesville, FL, USA.
- [9] **Pehlivanoglu, D.**, *Polk, R., Lin, T., Horta, M., Frazier, I., Ziaei, M., Feifel, D., Ebner, N. C. (June, 2019). *Chronic intranasal oxytocin administration in older men modulates decisions about facial trustworthiness as a function of eye gaze and facial age*. Poster at the Interdisciplinary Society for Developmental Neuroscience (ISDN), Durham, NC, USA.
- [8] **Pehlivanoglu, D.**, Lin, T. Ojeda, M., Horta, M., Frazier, I., Ziaei, M., Feifel, D., & Ebner, N. C. (May, 2019). *Chronic oxytocin administration in older men increases trust towards out-group members*. Talk at the Inaugural Meeting of the Florida Consortium on the Neurobiology of Cognition (FCNC), Gainesville, FL, USA.
- [7] **Pehlivanoglu, D.**, & Verhaeghen, P. (May, 2018). *The effect of aging on the selective processing of affective pictures: An ERP study*. Poster at the Cognitive Aging Conference, Atlanta, GA, USA.
- [6] **Pehlivanoglu, D.**, & Verhaeghen, P. (March, 2018). *Age-related differences in selective attention to emotional material: Does task relevance matter?* Poster at the Cognitive Neuroscience Society Conference, Boston, MA, USA.
- [5] **Pehlivanoglu, D.**, & Verhaeghen, P. (April, 2017) *Age related differences in neural correlates of multiple identity tracking*. Poster at the CABI Callosum Meeting, Atlanta, GA, USA.
- [4] **Pehlivanoglu, D.**, & Verhaeghen, P. (April, 2016). *Age related differences in neural correlates of multiple identity tracking*. Poster at the Cognitive Aging Conference, Atlanta, GA, USA.
- [3] **Pehlivanoglu, D.**, Jain, S., Ariel, R., & Verhaeghen, P. (April, 2014). *The ties to unbind: age-related differences in feature (un)binding in working memory for emotional faces*. Poster at the Cognitive Aging Conference, Atlanta, GA, USA.
- [2] **Pehlivanoglu, D.** (September, 2011). *Self-Esteem and Persuasion: Does Credibility Matter?*. Poster at the Psychology Graduate Students Conference, Istanbul, Turkey.

- [1] **Pehlivanoglu, D.** (June, 2008). *Beauty is in the right hemisphere of the beholder*. Poster at the Psychology Graduate Students Conference, Ankara, Turkey.

COLLOQUIA & INVITED TALKS

* *indicates undergraduate/graduate mentee*

- [6] **Pehlivanoglu, D.** (November, 2021). *Fake News Detection in Aging During the Era of Infodemic*. Talk at the UF Postdoc Association Fall Seminar Series (virtual).
- [5] **Pehlivanoglu, D.**, *Heemskerk, A., & Ebner, N. C. (April, 2021). *Aging and Deception*. Talk at the Community Coalition for Older Adults Meeting (virtual).
- [4] **Pehlivanoglu, D.** (July, 2018). *Cognition-Emotion Interactions*. Talk at the University of Florida, Gainesville, FL, USA.
- [3] **Pehlivanoglu, D.** (March, 2018). *The Effect of Aging on the Selective Attention to Emotional Material*. Talk at Georgia Institute of Technology, Cognitive Aging Brown Bag, Atlanta, GA, USA.
- [2] **Pehlivanoglu, D.** (April, 2016). *Age related differences in neural correlates of multiple identity tracking*. Talk at Georgia Institute of Technology, Cognitive Aging Brown Bag, Atlanta, GA, USA.
- [1] **Pehlivanoglu, D.** (October, 2013). *Age differences in feature binding: Evidence from behavioral and pupillometric data*. Talk at Georgia Institute of Technology, Cognitive Aging Brown Bag, Atlanta, GA, USA.

TEACHING EXPERIENCE

Instructor of Record

Introduction to Psychology, Georgia Institute of Technology (Summer 2016)

Overall median rating of effectiveness: 4.7/5

Lab Instructor

Cognitive Psychology, Georgia Institute of Technology (Spring 2018)

Overall median rating of effectiveness: 4.5/5

Guest Lecturer

Research Colloquium on "Employing Event-Related Brain Potentials in Aging Research", University of Florida (Spring 2022)

Course section on "Human Development", Georgia Institute of Technology (Spring 2016)

Course section on "Memory", Georgia Institute of Technology (Spring 2016)

Teaching Assistant

Introduction to Psychology, Georgia Institute of Technology (Spring 2014, 2015, 2016, 2017)

Personality, Georgia Institute of Technology (Fall 2016)

Cognitive Psychology, Georgia Institute of Technology (Fall 2014)

MENTORSHIP

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| 2022 – Present | Jialong Zhen , University of Florida (Undergraduate), " <i>Psychological Correlates of Deepfake Detection</i> " |
| 2022 – Present | Alayna Shoенfelt , University of Florida (Graduate), " <i>Susceptibility to email phishing in older adults and individuals at particular risk for Alzheimer's Disease</i> " |
| 2021 – Present | Alayna Shoенfelt , University of Florida (Graduate), " <i>Modulatory role of oxytocin on perceived facial trustworthiness: an eye tracking study</i> " |

2021	Janae Baker , University of Florida SURF Program (Undergraduate), <i>“The relationship between computer literacy and scam susceptibility among older adults”</i>
2020 – 2021	Kevin Chi , University of Florida (Undergraduate), <i>“Aging in an Era of Misinformation: Susceptibility to Fake News During COVID-19 Among Older Adults”</i>
2019 – Present	Amber Heemskerk , University of Florida (Undergraduate), <i>“The role of analytical reasoning and source credibility on the evaluation of real and fake news”</i>
2019 – Present	Rebecca Polk , University of Florida (Graduate), <i>“The effect of chronic intranasal oxytocin administration on facial trustworthiness”</i>
2019	Alexandria Harber , University of Florida (Undergraduate), <i>“Facial Trustworthiness Evaluations Across the Lifespan”</i>
2018 – 2019	Elisha Myers , University of Florida (Undergraduate), <i>“A systematic conceptual review of oxytocin-related ERP Research”</i>
2016 – 2017	Amelia Tan , Georgia Institute of Technology (Undergraduate), <i>“The Effect of Aging on the Selective Attention to Emotional Material”</i>
2015 – 2016	Lindsey Drummond , Georgia Institute of Technology (Undergraduate), <i>“Age differences in valence and arousal ratings for emotional images”</i>

PROFESSIONAL SERVICE

2022	Reviewer for Cluff Aging Research Paper Award, University of Florida
2018	Reviewer for School of Psychology Interlab Grant, Georgia Institute of Technology
2017	Reviewer for Undergraduate Research Awards by the PURA committee, Georgia Institute of Technology
2014 – 2018	Member of Cognitive Aging Conference Organizing Committee, Georgia Institute of Technology
2014	Graduate Student Representative for the Brain Awareness Campaign, Society for Neuroscience Atlanta chapter <ul style="list-style-type: none"> ➤ Interactive class presentations at Henderson Mill Elementary about the brain, senses, and memory
2013	Graduate Student Representative for the Older Adult Recruitment Event <ul style="list-style-type: none"> ➤ Project presentation/demonstration and information session for senior participant recruitment at North Atlanta Senior Community
2007 – 2009	Founder and President of Psychology Club, Izmir University of Economics

Ad-Hoc Reviewer ([Web of Science Profile](#))

Cognitive, Affective, and Behavioral Neuroscience
Memory and Cognition
Security Journal
Neuroimage

Journal of Cognitive Neuroscience
Journal of Experimental Psychology: General
Neurobiology of Aging
Behavior Research Methods

Consciousness and Cognition
Journal of Gerontology: Psychological Sciences
Psychology and Aging
Journal of Elder Abuse & Neglect
International Journal of Psychophysiology
Perception
Cognition and Emotion

Psychological Bulletin
Aging, Neuropsychology, and Cognition
Experimental Aging Research
Physiology & Behavior
Frontiers in Psychology
Experimental Gerontology

SKILLS

Technical Skills: EEG/ERP (Biosemi Active Two system) recording and data analysis via Matlab (Psychtoolbox, ERPLAB Toolbox, EEGLAB Toolbox; Mass Univariate Toolbox); Eye tracker recording (Eyelink II system) and data extraction/processing via Data Viewer; Experimental programming and stimulus presentation via E-prime, Matlab, PsychoPy, Qualtrics, MTurk.

Statistical Skills: Linear Regression and Multilevel Modeling (via R, Stata, Python, Jamovi, SPSS), Power Analysis (via G*Power, GLIMMPE)

PROFESSIONAL DEVELOPMENT

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| 2022 | Preparing Future Faculty Program; University of Florida, Gainesville, FL, USA |
| 2020-2021 | Grant Writing Workshop; Department of Psychology at University of Florida, Gainesville, FL, USA (Dr. Natalie Ebner) |
| 2020 | Power and Sample Size for Multilevel and Longitudinal Study Designs; Coursera (Dr. Albert Ritzhaupt) |
| 2020 | Bayesian Workshop; Department of Psychology at University of Florida, Gainesville, FL, USA (Dr. Peter Kvam) |
| 2019 | Improving Your Statistical Inferences; Coursera (Dr. Daniel Lakens) |
| 2019 | K College Seminar Series; NIH Grant Application Workshop: Specific Aims, UF CTSI (Dr. Christiaan Leeuwenburgh) |
| 2014 | Mini ERP Boot Camp; Preconference workshop at the Annual Meeting of the Society for Psychophysiological Research, Atlanta, GA, USA (Dr. Steven Luck) |
| 2016 | Grant Proposal Development Workshop; Georgia Tech Summer 2016 Proposal Development Workshops, Atlanta, GA, USA (Dr. Nancy Devino) |

PROFESSIONAL AFFILIATIONS

American Psychological Association (Division 20: Adult Development and Aging); Society for Psychophysiological Research; Association for Psychological Science

REFERENCES

Natalie C. Ebner, Ph.D.

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Paul Verhaeghen, Ph.D.

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Audrey Duarte, Ph.D.

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The University of Texas at Austin
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