

# Selin Zeytinoglu

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Neuroscience and Cognitive Science Program  
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## EDUCATION

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- 2018 Ph.D. The University of North Carolina at Greensboro (UNCG)  
Human Development and Family Studies  
Doctoral Minor: Educational Research Methodology  
Doctoral Committee Members: Drs. Susan Calkins (Chair), Esther Leerkes,  
Roger Mills-Koonce, and Bob Henson
- 2012 M.S. Johns Hopkins University (JHU), Baltimore, Maryland  
Clinical Community Counseling  
Magna Cum Laude
- 2007 B.A. Bogazici University, Istanbul, Turkey  
Early Childhood Education  
Summa Cum Laude

## ACADEMIC POSITIONS AND EMPLOYMENT

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- 2018 – Present **Postdoctoral Fellow, Child Development Lab, Department of Human Development and Quantitative Methodology, University of Maryland.**  
**PI: Nathan A. Fox, PhD**  
Using observational, mobile eye-tracking, electroencephalogram (EEG), and autonomic measures to examine children's and adolescents' socioemotional development within the context of family and peer social interactions.
- 2018 – Present **Postdoctoral Affiliate of the Neuroscience and Cognitive Science Program, University of Maryland.**  
Examining EEG-derived Event-Related Potentials (ERPs) related to adolescents' socioemotional development and mental health. In a completed project, I collected EEG and fNIRS data from young adults to examine the neural processes underlying social observations of others' actions.
- 2013 – 2018 **Graduate Research Assistant, Family Research Center, School Transitions and Academic Readiness (STAR) Project, UNCG.**  
**PIs: Drs. Susan Calkins & Esther Leerkes**  
Investigated the impact of early caregiver-child relationships and children's self-regulation skills (emotion regulation, executive functions, and behavioral regulation) on their socioemotional adjustment in early childhood.
- 2015 – 2018 **Graduate Research Assistant, The Cross-Cultural Gratitude Project funded by The Jon Templeton Foundation, UNCG**  
**PI: Dr. Jonathan Tudge**

Examined the development of gratitude from early childhood to adolescence across different cultural contexts and societies, including Turkey, China, Russia, Brazil, and the USA. Established and maintained collaborations with researchers in Turkey to facilitate data collection; developed assessment tools; and coordinated the legal permissions from the Ministry of Education.

- 2011 – 2012 **Graduate Research Assistant, Laboratory for Child Development, JHU, Baltimore, MD**  
**PIs: Drs. Lisa Feigenson and Melissa Libertus**  
 Coordinated the participant recruitment and data collection of a longitudinal study examining the relations between approximate number system acuity, executive functions, verbal skills, IQ, and math skills across early childhood.
- 2010 – 2011 **Graduate Research Assistant, Mental Health Counseling Program, School of Education, JHU, Baltimore, MD.**  
**PI: Dr. Pilar Hernandez-Wolfe**  
**Project:** Decolonizing training in the mental health professions: The use of ethnic, class, and heterosexual privilege in clinical and educational settings  
 Worked on a qualitative project examining clinical supervision and training strategies used for increasing cultural sensitivity in clinical settings.
- 2007– 2009 **Classroom Teacher, The English International School of Istanbul (TEIS), Istanbul, Turkey.**  
 Served as the main classroom teacher of 4-year-old children for 2 years.

## GRANTS

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- Under review **Social and Neural Pathways Linking Parental Anxiety with Youths' Daily Emotions**  
 K01 Mentored Research Scientist Development Award, National Institute of Mental Health  
 Role: Principal Investigator  
 Total funds: \$560,000  
 Mentors: Drs. Nathan Fox and Daniel Pine  
 Consultants: Drs. Jennifer Silk, Melissa Brotman, & Edward Bernat
- 2021 - 2024 **Mother-Child Dynamics in the Transmission of Social Anxiety: The Roles of Maternal Verbal Communication and Child Attention**  
 F32 Ruth L. Kirschstein Postdoctoral NRSA award, [F32MH127869](#)  
 Role: Principal Investigator  
 Score: 10, Percentile: 1%  
 Total funds: \$234,224  
 Sponsors: Drs. Nathan Fox and Daniel Pine  
 Mentors: Drs. Koraly Pérez-Edgar, Erika Lunkenheimer & Andrea Chronis-Tuscano
- 2020 - 2021 **Adolescent Mental Health in Response to COVID-19**  
 The Coronavirus Research Seed Grant from the University of Maryland  
 Role: Co-investigator  
 Total funds: \$20,000

**AWARDS**


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08/2023 2023	ERP Boot Camp Scholarship, UC-Davis, San Diego State University (~\$2,500) Society for Research in Child Development (SRCD) Early Career Travel Award
2018	Outstanding Graduate Student Award, Human Dev. & Family Studies, UNCG
2017, 2018	International Society for Developmental Psychobiology Travel Award
2017– 2018	The D. Elizabeth Williams International Scholarship Award, UNCG
2017	SRCD Student Travel Award
2016 – 2017	Rebecca McCulloch Smith Scholarship Endowment, UNCG
2015 – 2017	The Mary Elizabeth Keister Scholarship, UNCG
2016	The UNCG Graduate School Summer Assistantship Award
2015, 2016, 2017	School of Health and Human Sciences Travel Award

**PUBLICATIONS**

(underlined indicates current/past mentee, + indicates equal contribution)

1. Antúñez, M., Mcsweeney, M., **Zeytinoglu, S.**, Tan, E., Zeanah, C. H., Nelson, C., Fox, N. A. (*in press*). Exploring aperiodic EEG activity in the Bucharest Early Intervention Project. *Developmental Psychology*. <https://dx.doi.org/10.1037/dev0001804> [PDF](#)
2. Tan, E., **Zeytinoglu, S.**, Morales, S., Buzzell, G. A., Almas, A. N., Degnan, K., Chronis-Tuscano, A., Henderson, H., Pine, D. S., & Fox, N. A. (2024). Social versus non-social inhibition: Differential prediction from early childhood of long-term psychosocial outcomes. *Developmental Science*, e13427. <https://doi.org/10.1111/desc.13427>. [PDF](#)
3. Peters, A., **Zeytinoglu, S.**, Leerkes, E. M., & Isbell, E. (2023). Developmental trajectories of ERP indices of cognitive control are component-specific in early childhood. *Developmental Cognitive Neuroscience*, 64, 101319. [PDF](#)
4. Su, W., Dashtestani, H., Miguel, H., Condy, E., Nguyen, T., Buckley, A., Park, S., **Zeytinoglu, S.**, Millerhagen, J., Fox, N. A., & Gandjbakhche, A. (2023). Simultaneous multimodal fNIRS-EEG recordings reveal new insights in neural activity during motor execution, observation and imagery. *Scientific Reports*, 13(1), 1-10. [PDF](#)
5. **Zeytinoglu, S.**, Morales, S., Henderson, H., & Fox, N. A. (2023). A developmental pathway from early inhibitory control to social connectedness. *Research on Child and Adolescent Psychopathology*, 51, 508-817. <https://doi.org/10.1007/s10802-023-01023-6> [PDF](#)
6. Fox, N. A., **Zeytinoglu, S.**, Valadez, E., Buzzell, G., Morales, S., & Henderson, H. (2023). Developmental pathways linking early behavioral inhibition to later anxiety. *Journal of Child Psychology and Psychiatry*, 64(4), 537-561. <https://doi.org/10.1111/jcpp.13702> [PDF](#)
7. **Zeytinoglu, S.**, Tang, A., Zeanah, C. H., Nelson, C., Almas, A. & Fox, N. A. (2023). Effects of institutional rearing and foster care intervention on the reciprocal relations between executive functions and social skills from middle childhood to adolescence. *Developmental Science*, 26(2), 1-8. <https://doi.org/10.1111/desc.13309> [PDF](#)
8. Bas-Hoogendam, J. M., ... **Zeytinoglu, S.**, & ENIGMA coauthors. Structural brain correlates of childhood inhibited temperament: an ENIGMA-Anxiety mega-analysis (accepted). *Journal of the American Academy of Child and Adolescent Psychiatry*. <https://doi.org/10.1016/j.jaac.2022.04.023> [PDF](#)
9. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2022). Autonomic profiles and self-regulation outcomes in early childhood. *Developmental Science*, 25, e13215. <https://doi.org/10.1111/desc.13215> [PDF](#)
10. Dashtestani, H., Miguel, H. O., Condy, E. E., **Zeytinoglu, S.**, Millerhagen, J., Debnath, R., Smith, E., Adali, T., Fox, N. A., & Gandjbakhche, A. H. (2022). Structured sparse multiset canonical correlation analysis of simultaneous fNIRS and EEG provides new insights into the

- human action-observation network. *Scientific Reports*, 12, 6878.  
<https://doi.org/10.1038/s41598-022-10942-1> PDF
11. **Zeytinoglu, S.**, Morales, S., Lorenzo, N. E., Chronis-Tuscano, A., Degnan, K. A., Almas, A. N., Pine, D. S., & Fox, N. A. (2022). A developmental pathway from early behavioral inhibition to young adults' anxiety during the COVID-19 pandemic. *Focus*, 20(2), 224-231. (reprint) <https://doi.org/10.1176/appi.focus.22020002>
  12. Morales, S., **Zeytinoglu, S.**, Lorenzo, N., Chronis-Tuscano, A., Degnan, K. A., Almas, A. N., Pine, D. S., & Fox, N. (2022). Which anxious adolescents are most affected by the COVID-19 pandemic? *Clinical Psychological Science*, 1059524, 1-16.  
<https://doi.org/10.1177/21677026211059524> PDF
  13. **Zeytinoglu, S.**, Neuman, K. J., Degnan, K. A., Almas, A. N., Henderson, H., Chronis-Tuscano, A., Pine, D. S., & Fox, N.A. (2022). Pathways from maternal shyness to adolescent social anxiety. *Journal of Child Psychology and Psychiatry*, 63(3), 342-349.  
<https://doi.org/10.1111/jcpp.13477> PDF
  14. Khaksari, K., Smith, E. G., Miguel, H. O., **Zeytinoglu, S.**, Fox, N., & Gandjbakhche, A. H. (2022). An fNIRS study of brain lateralization during observation and execution of a fine motor task. *Frontiers in Human Neuroscience*, 15, 798870.  
<https://doi.org/10.3389/fnhum.2021.798870> PDF
  15. Dunbar, A., **Zeytinoglu, S.**, & Leerkes, E. M. (2022). When is suppression of Black children's negative emotions adaptive? The role of preparation for bias and children's resting cardiac vagal tone. *Research on Child and Adolescent Psychopathology*, 50, 163-176.  
<https://doi.org/10.1007/s10802-021-00779-z> PDF
  16. Morales, S., **Zeytinoglu, S.**, Buzzell, G. A., Valadez, E., Troller-Renfree, S. V., Bowers, M. E., Chronis-Tuscano, A., Degnan, K. A., Almas, A. N., Pine, D. S., & Fox, N.A. (2022). Neurocognitive profiles in adolescence predict subsequent anxiety trajectories during the COVID-19 pandemic. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 7(2), 192-200.  
<https://doi.org/10.1016/j.bpsc.2021.06.004> PDF
  17. Ellis, A., Ahmed, S. F., **Zeytinoglu, S.**, Isbell, E., Calkins, S. D., Leerkes, E. M., Grammer, J. K., Gehring, W. J., Morrison, F. J., & Davis-Kean, P. E. (2021). Reciprocal associations between executive function and academic achievement: A conceptual replication of Schmitt et al. (2017). *Journal of Numerical Cognition*, 7, 453-472. <https://doi.org/10.5964/jnc.7047> PDF
  18. Miguel, H. O., Condy, E. E., Nguyen, T., **Zeytinoglu, S.**, Blick, E., Bress, K., Khaksar, K., Dashtestani, H., Millerhagen, J., Shahmohammadi, S., Fox, N. A., & Gandjbakhche, A. (2021). Cerebral hemodynamic response during a live action-observation and action-execution task: a fNIRS study. *PLoS one*, 16, e0253788.  
<https://doi.org/10.1371/journal.pone.0253788> PDF
  19. Tang, A., Almas, A., **Zeytinoglu, S.**, Nelson, C., Zeanah, C. H., & Fox, N. A. (2021). The long-term effects institutional care and attachment on close adolescent friendships. *Child Development*, 92(6), 2431-2446. <https://doi.org/10.1111/cdev.13592> PDF
  20. **+Zeytinoglu, S.**, +Morales, S., Lorenzo, E. N., Chronis-Tuscano, A., Degnan, K. A., Almas, A. N., Henderson, H., Pine, D. S. & Fox, N. A. (2021). A developmental pathway from early behavioral inhibition to young adults' anxiety during the COVID-19 pandemic. *Journal of the American Academy of Child and Adolescent Psychiatry*, 60, 1300-1308.  
<https://doi.org/10.1016/j.jaac.2021.01.021> PDF
  21. **Zeytinoglu, S.** & Fox, N. A. (2021). What does animal (nonhuman) research tell us about social deprivation and social isolation? In Robert J. Coplan; Julie C. Bowker & Larry J. Nelson (Eds.) *The Handbook of Solitude: Psychological Perspectives on Social Isolation, Social Withdrawal, and Being Alone*. Wiley-Blackwell Press. PDF
  22. Lorenzo, E. N., **Zeytinoglu, S.**, Morales, S., Listokin, J., Almas, A., Degnan, A. K., Henderson, H., Chronis-Tuscano, A., & Fox, N. A. (2021). Transactional associations

between parent and young adult internalizing symptoms during the COVID-19 pandemic: The moderating role of avoidant coping. *Journal of Youth and Adolescence*, 1-11.

<https://doi.org/10.1007/s10964-020-01374-z> [PDF](#)

23. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2020). Autonomic nervous system functioning in early childhood: Responses to cognitive and negatively-valenced emotional challenges. *Developmental Psychobiology*, 4, 1-17. <https://doi.org/10.1002/dev.21926> [PDF](#)
24. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2019). Maternal emotional support but not cognitive support during problem-solving predicts increases in cognitive flexibility in early childhood. *International Journal of Behavioral Development*, 43, 12-23. <https://doi.org/10.1177/0165025418757706> [PDF](#)
25. Swingler, M. M., Isbell, E., **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2018). Maternal behavior predicts neural underpinnings of inhibitory control in preschoolers. *Developmental Psychobiology*, 60(6), 692-706. <https://doi.org/10.1002/dev.21742> [PDF](#)
26. Payir, A. & **Zeytinoglu, S.** (2018). The expression of gratitude across different cultures: Findings from Turkey. *Journal of Cross-Cultural Research*, 52, 117-134. <https://doi.org/10.1177/1069397117736733> [PDF](#)
27. Payir, A., Mendonça, S., Liang, Y., Mokrova, I., Palhares, F., & **Zeytinoglu, S.** (2018). Cross-cultural variations in the development of gratitude. In J. Tudge & L. Freitas (Eds.) *Developing Gratitude*. London, UK: Cambridge Press. [Google Books](#)
28. **Zeytinoglu, S.**, Calkins, S. D., Swingler, M. M., & Leerkes, E. M. (2017). Pathways from maternal effortful control to child self-regulation: The role of maternal emotional support. *Journal of Family Psychology*, 31, 170-180. <https://doi.org/10.1037/fam0000271> [PDF](#)

#### **Publications Under Revision or Review**

(underlined indicates current/past mentee, + indicates equal contribution)

1. **Zeytinoglu, S.**, White, L. K, Morales, S., Degnan, K., Henderson, H., Pérez-Edgar, K., Pine, D., Fox, N. A. (revise & resubmit). Parental verbal communication as a mechanism in the parent-to-child transmission of social fears. *Journal of Child Psychology & Psychiatry*. [PDF](#)
2. + Lorenzo, N. E., + Bui, H. N. T., **Zeytinoglu, S.**, Degnan, K., Henderson, H., Pine, D. S., Fox, N. A., & Chronis-Tuscano, A. (revise & resubmit). Temperament as a risk factor for clinical diagnosis during the transition from childhood through early adolescence: A 16-year multimethod longitudinal study. *Clinical Psychological Science*.
3. + Aktar, E., & + **Zeytinoglu, S.** (submitted). Passing on the blues: A theoretical model on the intergenerational transmission of negative information processing biases in depression.
4. **Zeytinoglu, S.**, Buzzell, G., Morales, S., Valadez, E., Tan, E., McSweeney, M., Degnan, K., Chronis-Tuscano, A., Hendeson, H., Pine, D. S., & Fox, N. A. (submitted). A neurobehavioral mechanism linking parent personality and early temperament with social anxiety in young adulthood. *Biological Psychiatry*. [PDF](#)
5. Stohr, G. M., Jeong, A., Harrewjin, A., Morales, S., **Zeytinoglu, S.**, Laky, Z. E., Khosravi, P., Cardinale, E. M., Lorenzo, N., Stoddard, J., Pine, D. S., Fox, N. A., Brotman, M. A., & Haller, S. P. (under review). *Neurobiology of Stress*.
6. Poole, K., **Zeytinoglu, S.**, Morales, S., Henderson, H., & Fox, N. A. (submitted). Are social interactions comparable across in-person and online contexts? *Personality and Individual Differences*.

#### **Selected Publications in Preparation**

1. **Zeytinoglu, S.**, Henderson, H., Pine, D. S., & Fox, N. A. Cognitive control moderates the relation between early fearful temperament and social anxiety in adolescence: An ERP study.

2. Antúñez, M., Arnett, A. B., **Zeytinoglu, S.**, Zeanah, C. H., Nelson, C. A., & Fox, N. A. Background aperiodic activity in early childhood predicts ADHD symptoms in adolescence: Findings from the Bucharest Early Intervention Project.
3. **Zeytinoglu, S.**, Tan, E., Degnan, K., Henderson, H., Pine, D. S., & Fox, N. A. Parental personality to adolescent social anxiety: The moderating role of toddler temperament.
4. Benvenisti, L., **Zeytinoglu, S.**, Degnan, K., Henderson, H., & Fox, N. A. Early temperamental predictors of shyness and extraversion in young adulthood. Poster presented at the University of Maryland's Undergraduate Research Day, College Park, MD.
5. **Zeytinoglu, S.**, Morales, S., Esteves, K., Drury, S., & Fox, N. A. General psychopathology (P factor) in early childhood predicts shorter telomere length in adolescence.

### CHAired SYMPOSIA

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1. **S. Zeytinoglu (2023, March)**. Symposium chair. *Contextual experiences to adolescents' internalizing problems: The roles of neural responses to errors and rewards*. Symposium presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
2. **S. Zeytinoglu (2021, April)**. Symposium chair. *Learning to fear in childhood: Evidence from experimental studies*. Symposium to be conducted at the biennial meeting of the Society for Research in Child Development.
3. **S. Zeytinoglu (2021, April)**. Symposium chair. *Parental and child influences on the transmission and development of anxiety*. Symposium to be conducted at the biennial meeting of the Society for Research in Child Development.
4. **S. Zeytinoglu (2020, March)**. Symposium chair. A lifespan approach to understanding physical and mental Health: The role of self-regulation, personality and adversity exposure. Symposium conducted at the biennial meeting of the Society for Research in Adolescence, San Diego, CA.
5. **S. Zeytinoglu & N. Bush (2019, May)**. Stress physiology in early childhood: Interactions with context and neurodevelopmental implications in understudied populations. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.

### PAPER PRESENTATIONS

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(underlined Indicates current/past mentee)

1. **Zeytinoglu, S.**, Buzzell, G., Morales, S., Tan, E., Valadez, E., Carusone, G., Henderson, H., Pine, D. S., & Fox, N. A. (2023, March). *From maternal personality to young adult social anxiety through children's error processing in social contexts*. In **S. Zeytinoglu (Chair)**. *Contextual experiences to adolescents' internalizing problems: The roles of neural responses to errors and rewards*. Symposium presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, UT.
2. Poole, K.L., **Zeytinoglu, S.**, Morales, S., Degan, K., Almas, A., Fox, N.A & Henderson, H.A. (2023, March). Are social interactions comparable across online and in-person contexts? In K.L. Poole & R. Hassan (Co-Chairs), *Temperament and Social Development across Contexts*. Invited symposium at Eastern Psychological Association, Boston, Massachusetts.
3. **Zeytinoglu, S.**, Tan, E., Degnan, K., Almas, A., Henderson, H., & Fox, N. A. (2022, July). *The moderating role of infant temperament on the relation between maternal personality and child social anxiety*. In T. Frenkel (Chair). *Developmental pathways of anxiety: maternal care shapes early neural and behavioral indices of infant approach and withdrawal*. Symposium presented at the International Congress of Infant Studies, Ottawa, CA.
4. **Zeytinoglu, S.**, Morales, S., Lorenzo, N., Degnan, K., Almas, A., Henderson, H., & Fox, N. A. (2022, March). *Adolescent resting heart rate predicts young adults' depressive symptoms during the COVID-19 pandemic*. In A. Zhou & S. Myruski (Chairs). *Biological measures of*



- stress and emotion regulation as predictors of adolescent internalizing symptoms. Symposium conducted at the biennial meeting of the Society for Research in Adolescence.
5. **Zeytinoglu, S.**, Morales, S., White, L., Pine, D., Fox, N. A. (2021, April). *Transmission of social fear through mother-child conversations: Implications for peer avoidance and interpretation bias*. In **S. Zeytinoglu (Chair)**. Learning to fear in childhood: Evidence from experimental studies. Symposium to be conducted at the biennial meeting of the Society for Research in Child Development.
  6. **Zeytinoglu, S.**, Neuman, K., Henderson, H., Chronis-Tuscano, A., Pine, D., Fox, N. A. (2021, April). *From maternal shyness to adolescent social anxiety*. In **S. Zeytinoglu (Chair)**. Parental and child influences on the transmission and development of anxiety. Symposium to be conducted at the biennial meeting of the Society for Research in Child Development.
  7. Morales, S., **Zeytinoglu, S.**, Buzzell, G., Valadez, E., Troller-Renfree, S., Bowers, M., Lorenzo, N., Chronis-Tuscano, A., Degnan, K., Almas, A., Pine, D., Fox, N. A. (2021, April). *Neurocognitive profiles in adolescence predict anxiety trajectories during the COVID-19 pandemic in young adulthood*. In S. Sequeira & S. Morales (Chairs). Neurobiological predictors of adolescent mental health during the COVID-19 pandemic. Symposium to be conducted at the biennial meeting of the Society for Research in Child Development.
  8. Morales, S., **Zeytinoglu, S.**, Lorenzo, N., Listokin, J., Chronis-Tuscano, A., Degnan, K., Pine, D., Fox, N. A. (2021, April). *Which anxious adolescents are most impacted by the COVID-19 pandemic?* Flash talk presented at the biennial meeting of the Society for Research in Child Development.
  9. Ellis, A., Ahmed, S., **Zeytinoglu, S.**, Isbell, E., Leerkes, E. M., Grammer, J., Gehring, W., Morris, F. & Davis-Keane, P. (2021, April). *Executive function and academic achievement: Bidirectional or unidirectional? A conceptual replication of Schmitt et al. (2017)*. J. Finch (Chair) Unpacking the complexities of bi-directional associations between executive functions and math. Symposium conducted at the biennial meeting of the Society for Research in Child Development.
  10. Khaksari, K., Smith, B., De Oliveira, H. M., **Zeytinoglu, S.**, & Gandjbakhche, A. *Brain hemodynamics of anatomical and mirror imitation using fNIRS*. (2021, March). Paper presented at the biennial meeting of The International Society for Optics and Photonics.
  11. **Zeytinoglu, S.**, Morales, S., Henderson, H., & Fox, N. A. (2020, March). *Cascading effects from cognitive control in early childhood to behavioral problems and social connectedness in middle childhood and adolescence*. In **S. Zeytinoglu (Chair)**. A lifespan approach to understanding physical and mental Health: The role of self-regulation, personality and adversity exposure. Symposium conducted at the biennial meeting of the Society for Research in Adolescence, San Diego, CA.
  12. **Zeytinoglu, S.**, Calkins, S. D. & Leerkes, E. M. (2019, May). *Profiles of autonomic nervous system functioning and child self-regulation in early childhood*. In **S. Zeytinoglu & N. Bush (Chairs)**. Stress physiology in early childhood: Interactions with context and neurodevelopmental implications in understudied populations. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
  13. **Zeytinoglu, S.**, Calkins, S. D., Swingle, M. M., & Leerkes, E. M. (2017, April). *Pathways from maternal effortful control to child self-regulation: The role of maternal emotional support*. Paper presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
  14. Payir, A., **Zeytinoglu, S.**, & Palhares, F. (2017, March). *Children's and adolescents' expression of gratitude across societies: Findings from Turkey*. Paper presented at the annual meeting of Society for Cross-Cultural Research in New Orleans, LA.
  15. Hernandez-Wolfe, P., **Zeytinoglu, S.**, Caldera, E., and Burke, C. (2011, August). *Decolonizing family therapy training: The use of ethnic, class and heterosexual privilege in*

*family therapy education*. Symposium presented at the University of Denver, Pedagogy of Privilege Conference.

## POSTER PRESENTATIONS

(underlined Indicates current/past mentee or student)

1. Payne, P. S., **Zeytinoglu, S.**, Olowokudejo, A., Shin, S, Y., Antúnez, M., & Fox, N. A. (2024, September). Relations between auditory change-detection and vocabulary knowledge during early childhood: An ERP study. Poster presented at the Flux Congress, Baltimore, MD.
2. Carter, S. T., Valadez, E. A., Nyabingi, O. S., **Zeytinoglu, S.**, Buzzell, G. A., Henderson, H., Pine, D. S., & Fox, N. A. (2024, September). Examining early childhood predictors of social error sensitivity. Poster presented at the annual Flux Congress, Baltimore, MD.
3. Lewis, K., Grasser, L. R., **Zeytinoglu, S.**, Morales, S., Filippi, C., Degnan, K., Pine, D. S., Brotman, M., & Fox, N. A. (2024, April). Irritability in childhood: Trajectories and relations to personality in emerging adulthood. Poster presented at the Anxiety and Depression Association of America, Boston MA.
4. \*Geneste, R., Fox, N. A., & **Zeytinoglu, S.** (2023, October). Relations among maternal depressive symptoms, emotional socialization behaviors, and adolescents' internalizing problems. Poster presented at the 11th Annual Black Doctoral Network Conference, Atlanta, Georgia.  
**\*Won the best undergraduate student poster award.**
5. Antúnez, M., Mcsweeney, M., **Zeytinoglu, S.**, Tan, E., Zeanah, C. H., Nelson, C., Fox, N. A. (2023, September). Exploring aperiodic activity in the Bucharest Early Intervention Project. Poster presented at the annual Flux Congress, Santa Rosa, California.
6. Peters, A., **Zeytinoglu, S.**, Leerkes, E., & Isbell, E. (2023, March). *Neurodevelopment of cognitive control in early childhood: A longitudinal ERP Study*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
7. Abrahamian, L., **Zeytinoglu, S.**, Chronis-Tuscano, A., Fox, N. A., & Morales, S. (2023, March). *Involvement in social physical activities in childhood reduces risk for depression and anxiety in adolescence*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
8. Cipolla, J., **Zeytinoglu, S.**, Degnan, K., Chronis-Tuscano, A., Fox, N. A., & Morales, S. (2023, March). *Does childhood adversity moderate the longitudinal effects of early temperament or adolescent personality on anxiety?* Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
9. Li, J., **Zeytinoglu, S.**, Chronis-Tuscano, A., Fox, N. A., & Morales, S. (2023, March). *Cross-domain interactions between children's temperament and psychopathology using network analysis*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
10. Quinn, A., **Zeytinoglu, S.**, Green, E., Morales, S., Poole, K., Henderson, H., Pine, D. S., & Fox, N.A. (2023, March). *From early behavioral inhibition to young adults' observed anxiety during an online speech task*. Poster presented at the biennial meeting of the Society for Research in Child Development, Salt Lake City, Utah.
11. Tan, E., **Zeytinoglu, S.**, Morales, S., Almas, A., Degnan, K., Henderson, H., Pine, D. S., & Fox, N. A. (2022, July). *Social versus non-social inhibition: Differential developmental trajectories from infancy to adolescence*. Poster presented at the International Congress of Infant Studies, Ottawa, CA.
12. Holm, C., **Zeytinoglu, S.**, Lorenzo, N., Morales, S., Brustad, A., Drexler, C., Chronis-Tuscano, A. & Fox, N.A. (2021, April). *Pre-pandemic generalized anxiety is linked to anxiety during COVID-19: The moderating role of coping*. Poster presented virtually at the biennial meeting of the Society for Research in Child Development.



13. Drexler, C., Morales, S., Lorenzo, N., **Zeytinoglu, S.**, Brustad, A., Holm, C. & Fox, N.A. (2021, April). *Social anxiety predicts adolescents' concern for others' safety during the COVID-19 pandemic*. Poster presented virtually at the biennial meeting of the Society for Research in Child Development.
14. Brustad, A., Lorenzo, N., Morales, S., **Zeytinoglu, S.**, Drexler, C., Holm, C. & Fox, N.A. (2021, April). *Rethinking conflict: Parenting style moderates the association between parent conflict and adolescent coping*. Poster presented virtually at the biennial meeting of the Society for Research in Child Development.
15. Brustad, A., Morales, S., **Zeytinoglu, S.**, Lorenzo, E., Chronis-Tuscano, A. & Fox, N.A. (2021, April). *Adolescent resting heart rate predicts internalizing problems during the COVID-19 pandemic*. Poster presented virtually at the biennial meeting of the International Society for Developmental Psychobiology.
16. Miller, K., **Zeytinoglu, S.**, Henderson, H.A. & Fox, N.A. (2019, November). *From maternal shyness in early childhood to social anxiety in adolescence: The mediating role of social wariness in middle childhood*. Poster presented at the 53rd annual convention of the Association for Behavioral and Cognitive Therapies (ABCT), Meeting of the Child & Adolescent Anxiety Special Interest Group, Atlanta, GA.
17. **Zeytinoglu, S.**, Morales, S., Esteves, K., Drury, S., & Fox, N. A. (2019, October). *General psychopathology (P factor) in early childhood predicts shorter telomere length in adolescence*. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, Chicago, IL.
18. Morales, S., **Zeytinoglu, S.**, Esteves, K., Drury, S., & Fox, N. A. (2019, October). *Behavioral inhibition and telomere length: the moderating role of inhibitory control*. Poster presented at the International Society for Developmental Psychobiology Annual Meeting, Chicago, IL.
19. Miller, K., Huber, S., **Zeytinoglu, S.**, Labahn, C., Henderson, H.A., Fox, N.A. (2019, May). *The relations between social functioning and subtypes of anxiety in early adolescence*. Poster presented at the 31st annual convention of the Association for Psychological Science, Washington, DC.
20. Isbell, E., **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2019, May). *Transactional associations between children's attentional fluctuations and maternal emotional support in early childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
21. **Zeytinoglu, S.**, Halliday, S. E., Isbell, E., Calkins, S. D., & Leerkes, E. M. (2019, May). *Maternal supportive behaviors moderate the association between emotion regulation and learning engagement in early childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
22. Halliday, S. E., **Zeytinoglu, S.**, Isbell, E., Calkins, S. D., & Leerkes, E. M. (2019, May). *Emotional and cognitive predictors of learning engagement across the transition to school*. Poster presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
23. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2018, November). *The context-dependent nature of autonomic nervous system functioning: Responses to emotional and cognitive challenges during early childhood*. Poster to be presented at the biennial meeting of the International Society for Developmental Psychobiology, San Diego, CA.
24. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2017, November). *Links between sympathetic autonomic nervous system responsivity during cognitive control and social-emotional outcomes in early childhood*. Poster presented at the biennial meeting of the International Society for Developmental Psychobiology, Washington, D.C.
25. **Zeytinoglu, S.**, Calkins, S. D., & Leerkes, E. M. (2017, October). *Longitudinal associations between maternal behaviors during problem-solving and child cognitive flexibility in early*

- childhood*. Poster presented at the biennial meeting of the Cognitive Development Society, Portland, OR.
26. **Zeytinoglu, S.**, Swingler, M. M., Isbell, E., Calkins, S. D., & Leerkes, E. M. (2017, April). *Socioeconomic status moderates the influence of executive functions on early math skills but not letter-word Knowledge*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
  27. **Zeytinoglu, S.**, Calkins, S. D., Swingler, M. M., & Leerkes, E. M. (2016, October). *Pathways from maternal effortful control to child self-regulation: The role of maternal emotional support*. Poster presented at Healthy Relationships and Healthy Lives conference of UNCG Child and Family Research Network, Greensboro, NC.
  28. **Zeytinoglu, S.**, Halliday, S. E., Calkins, S. D., O'Brien, M., & Leerkes, E. M. (2016, May). *Trajectories of response inhibition in early childhood: The roles of autonomic nervous system functioning and parenting*. Poster presented at the biennial convention of Association for Psychological Science, Chicago, IL.
  29. **Zeytinoglu, S.**, Swingler, M. M., Calkins, S. D., O'Brien, M., & Leerkes, E. M. (2015, October). *The joint contribution of maternal cognitive control and emotional supportiveness on child cognitive control*. Poster presented at the biennial meeting of the Cognitive Development Society, Columbus, OH.
  30. **Zeytinoglu, S.**, Calkins, S. D., & Bell, M. A. (2015, March). *Infant attentional control skills moderate the influence of maternal responsiveness on the development of response inhibition*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA.
  31. **Zeytinoglu, S.**, and Lewis, S. (2010, May). *Culturally competent assessment strategies for African American youth*. Poster presented at the annual conference of the Maryland Association for Counseling and Development (MACD), Columbia, MD.

#### INVITED TALKS

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|------------|---|
| 05/24/2023 | University of Houston, Department of Psychology, presented a talk titled "Social and Neurocognitive Pathways to Children's Socioemotional Development"  |
| 03/23/2023 | Wayne State University, Department of Psychology, "Meet the Scientist" session of an online Developmental Psychology Course.                            |
| 11/16/2022 | University of Maryland, Developmental Science Program Colloquium, College Park, MD.   |
| 12/24/2021 | Guest Series, Professional Seminar in the Applied Developmental and Couples/Family Counseling graduate program at Ozyegin University, Istanbul, Turkey. |
| 06/11/2021 | National Institute of Mental Health, Section on Development and Affective Neuroscience.   |
| 06/2015    | Speaker at Dr. Bican Polat's "What is Scientific Experimentation?" Undergraduate Course, Department of Philosophy, JHU, Baltimore, MD.                  |

#### CLINICAL EXPERIENCE

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|-------------|---|
| 2011 – 2012 | <p><b>Clinical Extern, Child and Family Therapy Clinic, Kennedy Krieger Institute and Johns Hopkins School of Medicine, Baltimore</b></p> <ul style="list-style-type: none"> <li>• Managed a caseload of 17 clients with a range of emotional problems</li> <li>• Diagnosed mental health disorders based on the DSM-IV criteria, developed treatment plans, and implemented treatment interventions during individual, family, and group therapy sessions</li> </ul> |
| 2011        | <p><b>Clinical Practicum Trainee, Jessup Women's Correctional Facility, MD</b></p>  |

Performed clinical assessments, facilitated individual therapy sessions and reported on the weekly progress of a client

## **TEACHING EXPERIENCE**

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### **University Teaching Experience**

- Fall 2016                      Infant and Child Development (HDF 302), Undergraduate Course, UNCG  
Co-Instructor with Dr. Esther Leerkes
- Fall 2015                      Human Development Across the Life Span (HDF 211), Undergraduate Course,  
UNCG. Teaching Assistant of Dr. Andrew Supple

### **Full-Time Teaching Experience**

- 2007– 2009                    **Classroom Teacher, The English International School of Istanbul (TEIS),  
Istanbul, Turkey.**  
Served as the main classroom teacher of 18-20 children for 2 years. Prepared  
and implemented educational plans in line with Foundation Stage Curriculum  
and British National Literacy and Numeracy Strategies.

## **MENTORSHIP EXPERIENCE**

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### **Full-time Post-Bachelor Students**

- 2024 – current                **Paulina S. Payne**  
\*First author on a poster to be presented at the Flux Conference
- 2022 – 2024                    **Gia Carusone**  
\*Co-author on a paper presentation presented at SRCD's biennial meeting
- 2021 – 2023                    **Alena Quinn**  
\*First author on a poster presented at SRCD's biennial meeting  
Current position: PhD student in Clinical Psychology at the University of  
Southern Carolina.
- 2020 – 2022                    **Colin Drexler**  
\*First author on a poster presented at SRCD's biennial meeting  
Current position: PhD student in Developmental Psychology at the University  
of Minnesota.
- 2019 – 2021                    **Abby Brustad**  
\*First author on two posters presented at SRCD's biennial meeting  
Current position: Medical student at the University of Minnesota Medical  
School.
- 2018 – 2020                    **Keara Neuman**  
\*Second author on a publication published in the *Journal of Child Psychology  
and Psychiatry*.  
\*First author on two posters and second author on an oral presentation at  
national conferences (APS, ABCT & SRCD conferences)  
Current position: Clinical Psychology PhD student at Florida International  
University
- 2018 – 2019                    **Sabine Huber**  
\*Second author on a poster presented a national conference (APS)  
Current Position: Clinical Psychology PhD student at UNCG

**Undergraduate & Master's Students (6-9 hours per week, honor's thesis or summer students)**

- 2024 – current      **Isabella Evans, Natasha Oberoi, Vineeth Gohimukkula, Avery Budlong, & Srinidhi Arumugam**  
 \*Developing machine-learning-based object detection pipelines for processing mobile eye-tracking data. Isabella coding behavioral data.
- 2023 – current      **Adya Gupta, Laura Benvenisti, Meghan Santora & Shaina Fein**  
 \*Presented posters at the 2024 UMD Undergraduate Research Day. Shaina Fein was accepted into the Human Development Honors Program. Laura Benvenisti is working on an empirical manuscript based on her poster.
- 2022 – 2024      **Rasheedah Geneste**  
 \*Received the McNair Scholarship (\$3000), a competitive scholarship given to students from groups historically underrepresented in academia to work with Dr. Zeytinoglu over the summer of 2023. Also, received the Summer Research Initiative award to work with Dr. Zeytinoglu.  
 \*Presented a poster at the 2023 UMD Undergraduate Research Day and a poster at the 11th Annual Black Doctoral Network Conference, which won the *best undergraduate student poster award*.
- 2022 – 2024      **Krita Patel**  
 \*Presented posters at the 2023 & 2024 UMD Undergraduate Research Day.  
 \*Received the UMD's Maryland Summer Scholars award with summer funding (\$3000) to work with Dr. Zeytinoglu during the summer of 2023. Completed her summer project titled, "The Relations Among Maternal Anxiety, Maternal Modeling, and Child Anxiety".
- 2022 – 2023      **Sanjana Kumar**  
 \*Received NIH Summer Internship Program (IRTA; \$3000) to work full-time on my grant during the summer of 2022.  
Current position: Behavior Technician at Ally Behavior Centers, MD.
- 2021 – 2022      **Reshmi Talwar**  
Current position: Medical student at UMD's Medical School and M.S. student in Public Health, MD.
- 2020 – 2022      **Alexis "Lexi" Kruger**  
 \*Received UMD's Maryland Summer Scholars award with summer funding (\$3000). Summer thesis student.  
 \*Presented a poster at the UMD Undergraduate Research Day in 2022 that was featured in the Diamondback Newspaper:  
<https://dbknews.com/2022/04/29/undergraduate-research-day-showcases-student-research-initiatives/>  
Current position: Medical student at Boston University of School of Medicine.
- 2020      **Malika Hiyam**  
 \*National Science Foundation's Louis Stokes Alliance for Minority Participation awardee  
 \*Wrote a research paper, "The Mirror Neuron System in Human Development," under my supervision.
- 2019 – 2021      **Adelia Kamenetskiy**  
 \*Presented 2 posters at the UMD Undergraduate Research Day in 2019 and 2020.  
Current Position: PhD Student at Florida International University to work with Dr. Jonathan Comer.

2018 – 2020

**Margaret “Maggie” Modico**

\*Full-time paid position during the Summer of 2019, & presented a poster at the UMD Undergraduate Research Day in 2019.

Current position: PhD Student at Florida International University to work with Dr. Jeremy Pettit.

2018 – 2020

**Aisosa “Sosa” Ize-Iyamu**

\*Presented a poster at the UMD Undergraduate Research Day in 2019.

Current Position: Medical student at Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA.

**Selected Undergraduate Poster Presentations**

1. **Benvenisti, L., Fein, S., Gupta, A., Zeytinoglu, S., Fox, N. A.** (2024). Early temperamental predictors of shyness and extraversion in young adulthood. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
2. **Geneste, R., Zeytinoglu, S., & Fox, N. A.** (2023). *Relations between emotion regulation and internalizing problems during adolescence*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
3. **Patel, K., Zeytinoglu, S., & Fox, N. A.** (2023). *Links between adolescents’ expressed anxiety and anxiety problems*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
4. **Kruger, A., & Zeytinoglu, S., & Fox, N. A.** (2022). *The impact of the COVID-19 pandemic on adolescents’ family relationships*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
5. **Talwar, R., Zeytinoglu, S., & Fox, N. A.** (2022). *Maternal extraversion is linked to children’s Error Related Negativity*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
6. **Kamenetskiy, A., Kulasinghe, S., Zeytinoglu, S., & Fox, N. A.** (2020). *The relation between ADHD symptoms and aggressive behaviors in 4-year-olds*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
7. **Modico, M., Zeytinoglu, S., & Fox, N. A.** *Adolescents’ parasympathetic autonomic nervous system functioning during social interactions and TRIER.* (2019). Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.
8. **Ize-Iyamu, A., Kamenetskiy, A., Modico, M., Zeytinoglu, S., & Fox, N. A.** (2019). *The association between children’s perceived social initiation and social anxiety: The mediating role of social engagement with unfamiliar peers*. Poster presented at the University of Maryland’s Undergraduate Research Day, College Park, MD.

**DIVERSITY, EQUITY, AND INCLUSION (DEI) AND OTHER SERVICE WORK IN ACADEMIA**

2022 – present

**Member, Diversity, Equity and Inclusion Committee, Program of Neuroscience and Cognitive Science (NACS), UMD**

- Organize events to increase the participation of students from underrepresented backgrounds in research and science and help increase their knowledge related to graduate school applications
- Lead workshops on how to apply for the NACS graduate program to students from underrepresented backgrounds
- Lead workshops for undergraduate students on how to find and navigate research positions that can prepare them for graduate school

2016 – 2017	<b>Senator</b> , Graduate Student Association, UNCG
2015 – 2016	<b>Chair</b> , The Mentoring Committee, Human Development and Family Studies Program, UNCG
2014 – 2015	<b>Vice Chair</b> , The Mentoring Committee, Human Development and Family Studies Program, UNCG
2013 – 2014	<b>Member</b> , Colloquium Committee, Human Development and Family Studies Program, UNCG
2011 – 2012	<b>President</b> , Counseling Student Alumni Association, JHU
2010 – 2011	<b>Vice President</b> , Counseling Student Alumni Association, JHU

## **METHODOLOGICAL EXPERIENCE & SPECIALIZED TRAINING**

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### **Statistical and Methodological Coursework**

- Hierarchical Linear Modeling
- Structural Equation Modeling
- Multivariate Analyses
- Design and Analysis of Educational Experiments
- Advanced Research Design
- Culturally Responsive Approaches to Research and Evaluation

### **Additional Statistics Training**

- **Introduction to Meta-Analysis**. Workshop Dr. Joshua Polanin at UMD's Center for Integrated Latent Variable Research (March 1-2, 2024).
- **Bayesian Statistical Modeling: First and Second Course**. Workshop Dr. Roy Levy at UMD's Center for Integrated Latent Variable Research (June 5-7, 2023).
- **Machine Learning Workshop**. Workshop by Dr. Tracy Sweet at UMD's Center for Integrated Latent Variable Research (May 25-26, 2023).
- **Questionnaire Item Writing**, Workshop by Dr. Deborah Bandalos from James Madison University (February 10, 2023).
- **Introduction to Social Network Analysis**, workshop by Dr. Tracy Sweet at UMD's Center for Integrated Latent Variable Research (December 8-9, 2022).
- **Modern Longitudinal Data Analysis: Linear and Nonlinear Mixed Effects Models**, workshop by Dr. Jeffrey Harring at UMD (February 20-22, 2019)
- **Structural equation modeling: A second Course**, workshop by Dr. Gregory R. Hancock at UMD (January 10-11, 2019)
- **Research Development Program** (Grant Writing Workshop). Led by David Bauer, Bauer and Associates. 2015.
- **Longitudinal structural equation modeling workshop**, workshop by Drs. Dan Bauer and Patrick Curran at UNC-Chapel Hill (May 22-26, 2017). Latent growth curve models, the unconditional linear latent curve model, nonlinear and conditional latent curve models, multivariate latent curve models, longitudinal SEMs with non-normal and discrete outcomes, growth mixture models, and the latent change score (LCS) model.
- **Latent class analysis**, workshop by Dr. Andy Supple at UNCG (August 6-7, 2014)
- **Statistical and Methodological Softwares**: R, *Mplus*, SPSS, SAS, and HLM.



## SPECIALIZED EEG AND NEUROSCIENCE TRAINING

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- **ERP Boot Camp** (July 30 – Aug 10, 2023) led by Drs. Steve Luck and Emily Kappenman at the University of California, Davis & San Diego State University.
- **FIT'NG Virtual Training Workshop** (Feb. 20 – March 3, 2023), organized by Dr. Lindsay Bowman and Dr. Sam Waas.
- **Cultural Neuroscience Summer Institute Training** (August 2011) directed by Shinobu Kitayama and Dr. Carolyn Yoon. Institute for Culture, Mind and the Brain, University of Michigan

## REVIEW EXPERIENCE

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### Ad-Hoc Journal Reviews

*Applied Developmental Science, Behavior Research and Therapy, Child Development, Developmental Psychology, Developmental and Psychopathology, European Journal of Developmental Psychology, International Journal of Behavioral Development, Journal of Applied Developmental Psychology, Journal of Child and Family Studies, Journal of Child Psychology and Psychiatry, Journal of Family Psychology, Psychophysiology, Psychological Science, Research on Child and Adolescent Psychology.*

### Conference Reviews

Society for Research in Child Development Biennial Meeting 2023, Salt Lake City, UT.

## SELECTED MEDIA COVERAGE AND PRESS RELEASES

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1. Maryland Today (2023, March 27). **A Key to Friendship**. [Online article]. <https://today.umd.edu/a-key-to-friendship>
2. Pandemic Parenting (2022, August 16). **Parenting Teens Through a Pandemic**. [Online Podcast]. Speakers: Dr. Crystal Burwell speaks with Dr. Amanda Zelechowski. <https://www.pandemic-parent.org/podcast/parenting-teens-through-a-pandemic>
3. University of Maryland. (2021, December 6). **Dr. Selin Zeytinoglu Awarded F32 Fellowship** [Online article]. <https://education.umd.edu/news/12-06-21-dr-selin-zeytinoglu-awarded-f32-fellowship%C2%A0>
4. VeryWell Health. (2021, March 1). **Pandemic Anxiety in Young Adults Predicted by Childhood Behaviors**. [online article]. Author: Sarah Simon. Retrieved from <https://www.verywellhealth.com/childhood-patterns-elevated-anxiety-pandemic-5114370>
5. National Institute of Health. (2021, February 12). **Study Identifies Risk Factors for Elevated Anxiety in Young Adults During COVID-19 Pandemic** [Press release]. Retrieved from <https://www.nih.gov/news-events/news-releases/study-identifies-risk-factors-elevated-anxiety-young-adults-during-covid-19-pandemic>
6. HCP Live Neurology. (2021, February 12). **Behavioral Inhibition Helps Predict Increased Anxiety Due to COVID-19 Pandemic** [online article]. Author: Kenny Walter. Retrieved from <https://www.hcplive.com/view/behavioral-inhibition-predict-increased-anxiety-covid-19-pandemic>
7. Science Daily. (2021, February 12). **Identifying risk factors for elevated anxiety in young adults during COVID-19 pandemic: Findings on impact of childhood temperament could help with anxiety prevention efforts**. <https://www.sciencedaily.com/releases/2021/02/210212113923.htm>

**PROFESSIONAL ORGANIZATION MEMBERSHIPS**

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2022 – Present	International Congress of Infant Research (ICIS)
2020 – Present	Society for Research in Adolescence (SRA)
2017 – Present	International Society for Developmental Psychobiology (ISDP)
2015 – Present	Society for Research in Child Development (SRCD)
2015 – Present	Cognitive Development Society (CDS)
2011 – Present	Association for Psychological Science (APS)

**REFERENCES**

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**Dr. Nathan A. Fox**

Distinguished Professor, Department of Human Development & Quantitative Methodology  
University of Maryland  
[fox@umd.edu](mailto:fox@umd.edu)

**Daniel S. Pine, M.D.**

Distinguished Investigator, Section on Development and Affective Neuroscience  
National Institute of Mental Health (NIMH) Intramural Research Program  
[pined@mail.nih.gov](mailto:pined@mail.nih.gov)

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Professor, Department of Psychology  
University of Maryland  
[achronis@umd.edu](mailto:achronis@umd.edu)

**Dr. Susan D. Calkins (retired)**

Professor, Department of Human Development and Family Studies  
University of North Carolina-Greensboro  
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