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a. Experience and Training

Teaching experience:

2018 – present	SUNY Geneseo, Psychology	Visiting Assistant Professor
	Courses in Developmental Cognitive Neuroscience, Biomarkers for Mental Health, Adolescent Development, Child Development, Research Methods, and Introductory Psychology	
2015 – 2018	University at Buffalo, Psychology	Adjunct Instructor
	Courses in Adolescent Development, Developmental Psychology, Psychophysiology, and Introductory Psychology	

Professional training:

2012 – 2017	Pennsylvania State University Department of Psychology, Child Study Center Cognition, Affect, and Temperament Lab Mentor: Koraly Pérez-Edgar, PhD	Postdoctoral Fellow
2008 – 2011	University of Iowa Dissertation: <i>A Model of the Neural Basis of Predecisional Processes: The Fronto-Limbic Information Acquisition Network</i> Committee Chair: Daniel Tranel, PhD	PhD, Neuroscience
2006 – 2008	Georgia State University Brain and Behavior Fellow; Thesis: <i>The Non-Moral Basis of Cognitive Biases of Moral Intuitions</i> Committee Chair: Eddy Nahmias, PhD	MA, Philosophy
2000 - 2004	Northeastern University	BA, Modern Languages, with honors

Areas of expertise: Cognitive, Affective, and Developmental Neuroscience, Developmental Psychology, Neuropsychology, Neuroimaging, Psychophysiology, Scientific computing and programming

b. Relevant Experience and AwardsOther Teaching Experience:

Summer 2015	Instructor: Software Carpentry Workshop on scientific computing for brain and cognition researchers, Pennsylvania State University
Spring 2010/2011	Teaching Assistant: Medical Neuroscience, University of Iowa
2006	Teaching Assistant: Henry Hudson School #28 (bilingual school), Rochester, NY
2004-2005	Substitute teacher in Monroe County

Pedagogical and Competency training:

Summer 2018	Safe-Zone Training, SUNY Geneseo
Spring 2014	Software Carpentry certified scientific computing instructor
Spring 2012	College Teaching Course, Schreyer Institute, Pennsylvania State University
Spring 2011	Graduate Fellow, University of Iowa Obermann Institute for Advanced Studies on Engaged Scholarship
Spring 2011	Seminar on College Teaching, University at Iowa

Mentorship:

2018-present	Undergraduate RAs at Geneseo: Brie Derella, Julia Starace, Annie Nobiling, Alexis Carey, Whitley Brincka, Mai Ngo, Francesca Barlowe, Kennedy Gardner (RN student)
2013-2016	Undergraduate RAs at Penn State: Alysha Gilmore (Neuroimaging Analyst, Pitt), Alice Polonski, Chris Frazzette, Kirstie Herb (PhD student, Eastern Michigan), Sydney Risley (PhD student, Miami University of Ohio), Jenna Haven, Renee Abney, Ami Patel, Kelly Berthold
2008-2011	Undergraduate RAs at Iowa: Pierce Edmiston (PhD, UW Madison), Heather Robinson (attended PhD program, Iowa), Lucas Connor, Beyon Miloyan (PhD, Queensland), Ali Mohammed (MD), Katia González (McNair Scholar), José Rodríguez-Romaguera (McNair Scholar; MD)

Research Training:

- 2012 Workshop: Fellowship from the Maryland Neuroimaging Center to attend the University of Maryland Summer Institute on Developmental Neuroscience
- 2012 Workshop: Mind Research Network fMRI Image Acquisition and Analysis Course, University of Colorado, Boulder

Awards:

- 2020 Dean Johnson Student Research Assistantship faculty mentor, SUNY Geneseo, provides a paid student research assistant (awarded to Julia Starace)
- 2011-2012 “The Neural Basis of Moral Behavior,” Executive Council of Graduate and Professional Students (ECGPS), University of Iowa, Research Grant, \$900.
- 2011 Next Generation Award nominee from Iowa Chapter of the Society for Neuroscience
- 2011 Society for Neuroscience Chapter Grant Award (as Student Co-Director of Chapter), supports chapter activities and outreach
- 2010 Exemplary Senator Recognition (for 78 hours of service in 2009-2010), from the University of Iowa Graduate College and Graduate Student Senate
- 2006-2008 Brains & Behavior Graduate Fellowship (tuition and stipend), Georgia State University

c. PublicationsPeer-Reviewed:

- Auday, E., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2018). Neural Correlates of Attention Bias to Masked Facial Threat Cues: Examining Children at-risk for Social Anxiety Disorder. *NeuroImage: Clinical*.
- Liu, P., **Taber-Thomas, B.C.**, Fu, X., & Pérez-Edgar, K.E. (2018). Biobehavioral markers of attention bias modification in temperamental risk for anxiety: a randomized control trial. *Journal of the American Academy of Child & Adolescent Psychiatry* 57(2), 103-110.

- Pérez-Edgar, K.E., Morales, S., LoBue, V., **Taber-Thomas, B.C.**, Allen, E.K., Brown, K.M., & Buss, K.A. (2017). The impact of negative affect on attention patterns to threat across the first two years of life. *Developmental Psychology* 53, 2219-2232.
- Morales, S., Brown, K.M., **Taber-Thomas, B.C.**, LoBue, V., Buss, K.A., Pérez-Edgar, K.E. (2017). Maternal Anxiety Predicts Attentional Bias Towards Threat in Infancy. *Emotion* 17(5), 874-883.
- LoBue, V., Buss, K.A., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2017). Developmental Differences in Infants' Attention to Social and Non-Social Threats. *Infancy* 22(3), 403-415.
- Morales, S., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2017). Patterns of attention to threat across tasks in behaviorally inhibited children at risk for anxiety. *Developmental Science* 20, e12391.
- Fu, X.F., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2017). Frontolimbic Functioning During Threat-Related Attention: Relations to Early Behavioral Inhibition and Anxiety in Children. *Biological Psychology* 122, 98-109.
- Taber-Thomas, B.C.**, Morales, S., Hillary, F., & Pérez-Edgar, K.E. (2016). Altered topography of intrinsic functional connectivity in childhood risk for social anxiety. *Depression and Anxiety* 33(11), 995-1004.
- Thai, N., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2016). Neural correlates of attention biases, behavioral inhibition, and social anxiety in children: An ERP study. *Developmental Cognitive Neuroscience* 19, 200-210.
- Scherer, A.M., **Taber-Thomas, B.C.**, & Tranel, D. (2015). A neuropsychological investigation of decisional certainty. *Neuropsychologia* 70, 206-213.
- Taber-Thomas, B.C.**,* Asp, E.W.,* Koenigs, M., Sutterer, M., Anderson, S.W., & Tranel, D. (2014). Arrested Development: Abnormally Egocentric Moral Judgment After Developmental-Onset Prefrontal Cortex Damage. *Brain* 137(4), 1254-1261. (*equal contribution)
- Thomas, B.C.**, Croft, K., & Tranel, D. (2011). Harming Kin to Save Strangers: Further Evidence for Abnormally Utilitarian Moral Judgments after Ventromedial Prefrontal Damage. *Journal of Cognitive Neuroscience* 23(9), 2186-2196.
- Corona, E. & **Thomas, B.** (2010). A New Perspective on the Early History of the American Society for Cybernetics. *Journal of the Washington Academy of Sciences*, Summer 2010, 21-34.

Manuscripts in preparation:

Taber-Thomas, B.C., Fu, X., Auday, E., & Pérez-Edgar, K.E. (*in preparation*). Functional connectivity during stimulus-driven and goal-directed threat processing in childhood risk for anxiety.

Taber-Thomas, B.C., Galinsky, P., Gilmore, A.*, Morales, S., Thai, N., & Pérez-Edgar, K.E. (*in preparation*). Intrinsic functional connectivity correlates of frontal EEG asymmetry and risk for anxiety. (*undergraduate)

Book Chapters:

Taber-Thomas, B.C. & Pérez-Edgar, K.E. (2015). Brain Development in Emerging Adulthood. In J.J. Arnett (Ed.), *Oxford Handbook of Emerging Adulthood*. Oxford University Press.

Pérez-Edgar, K.E. & **Taber-Thomas, B.C.**, Auday, E., Morales, S. (2014). Temperament and Attention as Core Mechanisms in the Early Emergence of Anxiety. In K.H. Lagattuta (Ed.), *Children and Emotion: New Insights into Developmental Affective Science*. Karger.

Taber-Thomas, B.C. & Tranel, D. (2012). Social and moral functioning: A cognitive neuroscience perspective. In M. Beauchamp & V. Anderson (Eds.), *Developmental social neuroscience and childhood brain insult: Implications for theory and practice* (65-90). New York, NY: The Guilford Press.

Abstracts of Mentored Undergraduate Students (*undergraduate; 2014 - present)

Gardner, K.* & Derella, B.* (2019). Diurnal Patterns of Attention Bias. *GREAT Day*, Geneseo, NY, April 2019; *SUNY Undergraduate Research Conference*, Sanborn, NY, April 2019. (Poster presentation)

Barlowe, F.* & Carey, A.* (2019). Literary Analysis of *Turtles All The Way Down* By John Green and Connections to the Research on Obsessive Compulsive Disorder. *GREAT Day*, Geneseo, NY, April 2019. (Poster presentation)

Gilmore, A.*, **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Neural responses to masked and unmasked threat faces in children at risk for anxiety. *Society for Neuroscience Annual Meeting*, Chicago, IL, October 2015. (Poster presentation)

Gilmore, A.*, **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Temperament-linked variation in the association between functional connectivity and frontal EEG asymmetry in children. *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2015. (Poster presentation)

- Polonski, A.*, Frazzette, C.*, **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Resting State Brain Network Stability. *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2015. (Poster presentation)
- Herb, K.*, **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Individual differences in affective decision making in late adolescence. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015; *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2015. (Poster presentation)
- Risley, S.*, Herb, K.*, **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Altered Affective Decision-Making in Behaviorally Inhibited Children. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015.; *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2015 (Poster presentation)
- Abney, R.*, Haven, J.*, Berthold, K.*, Herb, K.*, Morales, S., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2014). Greater Anxiety is Associated with Avoidance of Threat: An Eye Tracking Dot-Probe Study. *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2014. (Poster presentation)
- Herb, K.*, Morales, S., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2014). Adaptive Affective Decision Making is Associated with Less Negative Emotion and Greater Mindfulness. *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2014. (Poster presentation)
- Risley, S.*, Herb, K.*, Morales, S., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2014). Altered Affective Decision Making in Behaviorally Inhibited Children. *Penn State Psi Chi Annual Research Conference*, State College, PA, April 2014. (Poster presentation)

Abstracts (2014 – present):

- Taber-Thomas, B.C.**, Fu, X., Auday, E., & Pérez-Edgar, K.E. Functional connectivity during stimulus-driven and goal-directed threat processing in childhood risk for anxiety. *Society for Neuroscience Annual Meeting*, San Diego, CA, November 2018. (Poster presentation)
- MacNeill, L.A., Vallorani, A., Morales, S., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. Neural and behavioral correlates of children's attention bias to reward and social adjustment: Examining the role of parenting. *International Society for Developmental Psychobiology Annual Meeting*, Washington, D.C., November 2017. (Poster presentation)

- Vallorani, A., Thai, N.K., **Taber-Thomas, B.C.**, MacNeill, L.A., Pérez-Edgar, K.E. Triple threat: Behavioral inhibition, frontal EEG asymmetry, and attention bias to threat as a high-risk marker profile for social anxiety. *Social and Affective Neuroscience Society Annual Meeting*, Los Angeles, CA, March 2017. (Poster presentation; Poster Award winner)
- MacNeill, L.A., **Taber-Thomas, B.C.**, Morales, S., & Pérez-Edgar, K.E. Attention Biases Moderate Associations between Parenting and Young Children's Adjustment Problems. *Society for Research in Child Development Biennial Meeting*, Austin, TX, April 2017. (Poster presentation)
- Galinsky, P., **Taber-Thomas, B.C.**, Morales, S., Thai, N.K., & Pérez-Edgar, K.E. Attention Control Moderates the Impact of Attention Bias Modification on Anxiety in Behaviorally Inhibited Children. *Society for Research in Child Development Biennial Meeting*, Austin, TX, April 2017. (Poster presentation)
- Liu, P., Bai, X., **Taber-Thomas, B.C.**, Thai, N., & Pérez-Edgar, K.E. Spatial correspondence of high-density EEG source localization and fMRI activation of attention bias-related processes in children. *Society for Research in Child Development Biennial Meeting*, Austin, TX, April 2017. (Poster presentation)
- Brown, K., **Taber-Thomas, B.C.**, LoBue, V., Buss, K., & Pérez-Edgar, K.E. (2016). Impact of Infant Fear Behaviors on Visual Attention Patterns. *International Conference on Infant Studies*, New Orleans, LA, May 2016. (Poster presentation)
- Morales, S., Brown, K., **Taber-Thomas, B.C.**, Buss, K., & Pérez-Edgar, K.E. (2016). Maternal Anxiety Predicts Attentional Bias Towards Threat in Infancy. *International Conference on Infant Studies*, New Orleans, LA, May 2016. (Poster presentation)
- Pérez-Edgar, K.E., Buss, K., LoBue, V., **Taber-Thomas, B.C.**, Allen, E.K., & Brown, K. Emerging Relations between Attention to Threat and Negative Affect in the First two Years of Life. *International Conference on Infant Studies*, New Orleans, LA, May 2016. (Poster presentation)
- Taber-Thomas, B.C.**, Galinsky, P., Gilmore, A.*, Morales, S., Thai, N., & Pérez-Edgar, K.E. (2015). Resting-state brain connectivity in behaviorally inhibited children at risk for anxiety. *Society for Neuroscience Annual Meeting*, Chicago, IL, October 2015. (Poster presentation) (*undergraduate)
- Thai, N., **Taber-Thomas, B.C.**, Maggi, M., Pérez-Edgar, K.E., & Cole, P.M. (2015). Effortful control relates to intrinsic functional connectivity in dlPFC and dACC. *Society for Neuroscience Annual Meeting*, Chicago, IL, October 2015. (Poster presentation)

- Pérez-Edgar, K.E., **Taber-Thomas, B.C.**, & Fu, X. (2015). Attention to Threat and Neural Activation as Markers of Risk, Symptom Levels, or Both in Children at Temperamental Risk for Anxiety. *Anxiety and Depression Association of America*, Miami, FL, April 2015. (Paper presentation)
- Taber-Thomas, B.C.**, Morales, S., & Pérez-Edgar, K.E. (2015). Resting-state brain connectivity in behaviorally inhibited children at risk for anxiety. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Fu, X., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2015). Distinct frontolimbic functioning underlying threat-related attention bias in children with behavioral inhibition. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Paper presentation)
- Galinsky, P., **Taber-Thomas B.C.**, Thai, N., Pérez-Edgar, K.E. (2015). Temperament-linked variation in the association between functional connectivity and frontal EEG asymmetry in children. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Galinsky, P., **Taber-Thomas, B.C.**, Allen, E.K., Brown, K., Fu, X., Pérez-Edgar, K.E. (2015). Infant temperamental variation in arousal during emotion-face processing assessed with pupillometry. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Auday, E., **Taber-Thomas, B.C.**, Pérez-Edgar, K.E. (2015). Attention Bias to Masked Faces in BI and non-BI Children: An fMRI study. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Brown, K., Allen, E.K., **Taber-Thomas, B.C.**, Allen, E.A., Pérez-Edgar, K.E. (2015). Attentional Bias due to Temperamental Differences in 12 to 24 Month old Infants. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Allen, E.K., Brown, K., **Taber-Thomas, B.C.**, Allen, E.A., Pérez-Edgar, K.E. (2015). Parental State Anxiety is Associated with Infant Visual Attentional Bias Away From Emotion Faces. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Allen, E.K., Brown, K., Allen, E.A., **Taber-Thomas, B.C.**, Pérez-Edgar, K.E. (2015). Perceptual Differences in Social and Non-Social Cues in Infancy. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)

- Pfeifer, C., Allen, E.K., Brown, K., **Taber-Thomas, B.C.**, Pérez-Edgar, K.E. (2015). Individual Differences in Social Relatedness and Attentional Biases. *Society for Research in Child Development Biennial Meeting*, Philadelphia, PA, March 2015. (Poster presentation)
- Taber-Thomas, B.C.**, Morales, S., & Pérez-Edgar, K.E. (2014). Default and salience network intrinsic connectivity in behaviorally inhibited children at risk for anxiety. *Fourth Biennial Conference on Resting State / Brain Connectivity*, Boston, MA, September 2014, *Society for Social Neuroscience Annual Meeting*, Washington, DC, November 2014, and *Society for Neuroscience Annual Meeting*, Washington, DC, November 2014. (Poster presentation)
- Morales, S., **Taber-Thomas, B.C.**, Thai, N. & Pérez-Edgar, K.E. (2014). Behavioral inhibition moderates the relation between EEG asymmetry and social anxiety. *Society for Neuroscience Annual Meeting*, Washington, DC, November 2014. (Poster presentation)
- Thai, N., **Taber-Thomas, B.C.**, & Pérez-Edgar, K.E. (2014). Neural processing of social stimuli is associated with affective decision making on the Iowa Gambling Task. *Society for Neuroscience Annual Meeting*, Washington, DC, November 2014. (Poster presentation)
- Pérez-Edgar, K.E., Allen, E., & **Taber-Thomas, B.C.** (2014) Links between Attention to Threat in Infancy and Social Withdrawal in Childhood. *International Conference on Infant Studies*, Berlin, Germany, April 2014. (Paper presentation)

d. Engaged and Synergistic Activities

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| 2019-2020 | Co-organizer of Geneseo Brain Fair |
| 2014-2015 | Organizer of Penn State EDA Data Group, meeting regularly to discuss issues in psychophysiological research |
| 2012-2015 | Programming Office Hours: 1.5 hours weekly open office hours for issues in scientific computing and programming for graduate and undergraduate students |
| 2008-2011 | Brain Awareness Committee, Neuroscience Program, University of Iowa: Chair (2009-2011), Member (2008-2011), organized annual Iowa Chapter of Society for Neuroscience Brain Awareness Week activities, Brain Discovery Fair, Iowa Brain Bee, and Neuroscience Program retreat |
| 2008-2011 | Senator, Graduate Student Senate, University of Iowa (alternate 2008-2009; full 2009-2011) |
| 2008-2011 | Organizer of the Iowa Moral Cognition Reading Group |

- 2009-2010 Co-Chair of International Student Committee, Graduate Student Senate, University of Iowa
- 2009-2010 Director of Lekker Lekker (annual ethnic restaurant review project of the Graduate Student Senate)

Editorial:

Frontiers in Human Neuroscience (ad hoc)
Behavioural Brain Research (ad hoc)
International Journal of Psychophysiology (ad hoc)
Journal of Clinical and Experimental Neuropsychology (ad hoc)
ECGPS, University of Iowa (grant reviewer)

e. References & Other Affiliations

References: Matthew Pastizzo (Geneseo, Psychology Department Chair), Peter Pfordresher (University at Buffalo, Psychology Department Chair), Koraly Pérez-Edgar, PhD (Penn State, Psychology), Frank Hillary, PhD (Penn State, Psychology), Daniel Tranel, PhD (University of Iowa, Neuroscience Program Director)

Past collaborators: Jose Soto (Penn State, Psychology), Ginger Moore (Penn State, Psychology), Kristin Buss (Penn State, Psychology), Michele Diaz (Penn State, Psychology), Santiago Morales (Penn State, Psychology), Steven Anderson (University of Iowa, Neuroscience), William Lovallo (University of Oklahoma, Psychiatry), Eddy Nahmias (Georgia State University, Philosophy), Mike Koenigs (University of Wisconsin-Madison, Psychiatry), Erik Asp (University of Iowa, Psychiatry), Aaron Scherer (University of Iowa)

Professional Societies:

Society for Neuroscience, active member
Social and Affective Neuroscience Society, active member
Society for Social Neuroscience, past member
Cognitive Neuroscience Society, past member
Society for Research in Child Development, past member