

FRANCES M. LOBO

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EDUCATION

- 2016 - present **The Pennsylvania State University**
Fourth-year doctoral candidate in Developmental Psychology
Advisors: Erika Lunkenheimer, Ph.D. & Kristin Buss, Ph.D.
Anticipated completion of doctoral degree in 2021
- May 2019 **The Pennsylvania State University**
M.S., Psychology
Advisor: Erika Lunkenheimer, Ph.D.
Other Committee Members: Kristin Buss, Ph.D. & Pamela Cole, Ph.D.
Master's Thesis: *Understanding the associations between parent-child coregulation patterns and child self-regulation*
- May 2013 **Duke University**
B.S., Double major in Neuroscience and Psychology

COMPETITIVE FELLOWSHIPS, HONORS, AND AWARDS

- 2017 - 2021 **Training Interdisciplinary Education Scientists (TIES) Fellowship (\$30,000 per year)**
A competitive fellowship funded by the Institute of Education Sciences that prepares educational scientists with expertise focused on three areas: social and behavioral contexts for academic learning, early learning programs and policies, and effective teachers and teaching.
- 2016 - 2017 **University Graduate Fellowship (\$27,500)**
A competitive fellowship from the Graduate School at The Pennsylvania State University for a select set of top applicants for graduate admissions.
- 2020 **Department of Psychology Outstanding Graduate Publication – Honorable Mention**
- 2017 **NSF Graduate Research Fellowship Program - Honorable Mention**
- 2017 **Robert & Ruth Faris Child Psychology Graduate Scholar Award (\$3500)**

RESEARCH PUBLICATIONS & PRESENTATIONS

Publications in Press (in reverse chronological order):

Lobo, F. M., & Lunkenheimer, E. (in press). Understanding the parent-child coregulation patterns shaping child self-regulation. *Developmental Psychology*.

Lunkenheimer, E., Hamby, C. M., **Lobo, F. M.**, Cole, P. M., & Olson, S. L. (2020). The role of dynamic, dyadic parent-child processes in parental socialization of emotion. *Developmental Psychology*, 56, 566-577. doi: 10.1037/dev0000808

Lunkenheimer, E., Panlilio, C., **Lobo, F. M.**, Olson, S. L., & Hamby, C. M. (2019). Preschoolers' self-regulation in context: Task persistence profiles with mothers and fathers and later attention problems in kindergarten. *Journal of Abnormal Child Psychology*, 47(6), 947-960. doi: 10.1007/s10802-019-00512-x

Manuscripts in Preparation (in reverse chronological order):

Lobo, F. M., Lunkenheimer, E. S., & Narun, R. I. (in prep). *Maternal parenting profiles and their relations to dyadic flexibility*. Manuscript in preparation.

Lobo, F. M., Lunkenheimer, E. S., Lucas-Thompson, R., & Seiter, N. (in prep). *The influences of parental emotion socialization behaviors and family chaos on child mental health*. Manuscript in preparation.

Paper Presentations (in reverse chronological order):

Lobo, F. M., & Lunkenheimer, E. S. (2019, November). *Maternal parenting profiles and their relations to dyadic flexibility*. Paper presented at the 81st annual conference of the National Council on Family Relations, Fort Worth, TX.

Buss, K., Bierman, K., Teti, L., Witherspoon, D., McDoniel, M., **Lobo, F. M.**, & Destafney, C. (2019, March). *Neighborhood risk predicts anxiety in Head Start preschoolers via maternal psychopathology*. Paper presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Lobo, F. M., Hamby, C. M., & Lunkenheimer, E. S. (2019, March). *Understanding the parent-child coregulation patterns shaping child self-regulation*. Paper presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Lobo, F. M., & Lunkenheimer, E. S. (2018, May). *Using self-regulation to predict preschoolers' growth trajectories of RSA*. Paper presented at The Pennsylvania State University Mini-Conference on Multivariate/Longitudinal Methods, State College, PA.

Lunkenheimer, E. S., & **Lobo, F. M.** (2017, November). *Parental emotion coaching and dismissing moderate the effects of family chaos on child coping*. Paper presented at the 79th annual conference of the National Council on Family Relations, Orlando, FL.

Poster Presentations (in reverse chronological order):

Lobo, F. M., Skoranski, A. M., Hamby, C. M., & Lunkenheimer, E. S. (2019, May). *Positive and harsh parenting and parent-child parasympathetic processes*. Poster presented at the 27th Annual Meeting of the Society for Prevention Research, San Francisco, CA.

Hamby, C. M., **Lobo, F. M.**, Olbum, J., & Lunkenheimer, E. S. (2019, March). *Mothers' autonomy-supportive versus directive strategies during a dyadic challenge task and children's cognitive ability*. Poster presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Lobo, F. M., McDoniel, M., Buss, K., Bierman, K., Teti, L., & Witherspoon, D. (2019, March). *Developing the BRAVE intervention to target child anxiety*. Poster presented at the 2019 Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Hamby, C. M., **Lobo, F. M.**, & Lunkenheimer, E. S. (2018, June). *The influence of family routines on children's behavioral regulation and autonomy*. Poster presented at the 21st Biennial Congress of the International Congress of Infant Studies, Philadelphia, PA.

Lobo, F. M., Hamby, C., & Lunkenheimer, E. S. (2018, June). *Parent risk factors, physiological coregulation, and child behavioral dysregulation*. Poster presented at the 21st Biennial Congress of the International Congress of Infant Studies, Philadelphia, PA.

Zhou, A., **Lobo, F. M.**, & Buss, K. (2018, June). *Maternal depression, child dysregulated fear, and neglectful parenting: Key predictors of children's behavioral dysregulation*. Poster presented at the 21st Biennial Congress of the International Congress of Infant Studies, Philadelphia, PA.

Lobo, F. M., Hamby, C. M., & Lunkenheimer, E. S. (2018, March). *Parent risk factors, physiological coregulation, and child behavioral dysregulation*. Poster presented at the Parenting and Family Dynamics Preconference for the 2018 Annual Convention for the Society for Personality and Social Psychology, Atlanta, GA.

Lobo, F. M., Lunkenheimer, E., & Wang, J. (2017, April). *The influences of individual and dyadic regulatory processes on the development of mastery motivation in preschool*. Poster presented at the 2017 Biennial Meeting of the Society for Research in Child Development, Austin, TX.

Lobo, F. M., Barger, M. M., Davisson, E. K., & Hoyle, R. H. (2015, November). *On the origin of goals: Goal-setting and self-regulation in young adolescents*. Poster presented at the 37th annual meeting of the Society of Southeastern Social Psychologists, Winston-Salem, NC.

Lobo, F. M., Davisson, E. K., & Hoyle, R. H. (2013, November). *Variants of self control: Stopping, starting, and holding course*. Poster presented at the 35th annual meeting of the Society of Southeastern Social Psychologists, Augusta, GA.

RESEARCH EXPERIENCE

2016 - present **Graduate Research Assistant, The Parent-Child Dynamics Lab, The Pennsylvania State University**

Lab Director: Erika Lunkenheimer, Ph.D.

- Assisting with lab organization, data management, creating and improving data processing pipelines, and training on psychophysiological data collection
- Supervising teams of 3 – 5 undergraduate students and post-bachelor's students each year in processing ECG data using Mindware software and correcting data for any artifacts
- Using Noldus Observer XT to qualitatively code parent and child affect and behavior
- Co-organizing bi-weekly lab meetings for lab research assistants focused on professional development, building statistical skills in R, and reading, writing, and discussing journal articles

2017 - present **Graduate Research Assistant, The Emotion Development Lab, The Pennsylvania State University**

Lab Director: Kristin Buss, Ph.D.

- Managing teams of 2-3 undergraduate students each semester in becoming reliable second-by-second coders of facial affect and goal-directed behavior during triadic interactions

- Collecting and analyzing data, preparing data reports for researchers and community stakeholders, and helping manage logistics of a project to develop a parent-focused intervention in high-risk communities aimed at helping preschoolers make a successful transition to kindergarten
- Collecting salivary cortisol, EEG, and behavioral data as part of a longitudinal study emphasizing the role of temperament and risk in the developmental etiology of social anxiety

2013 - 2016

Associate in Research, The Resilience Project, Duke University

Principal Investigators at Duke University: Steven Asher, Ph.D., Rick Hoyle, Ph.D., Mark Leary, Ph.D., Larry Moneta, Ed.D., & Timothy Strauman, Ph.D.

Supervisor: Molly Weeks, Ph.D.

- Integrated research questions across investigators and managed questionnaire development, recruitment and retention of the longitudinal panel sample across institutions, communication across all sites, and data management and documentation
- Monitored and evaluated progress made towards research goals (e.g., participant recruitment, development and distribution of surveys, organization and management of data, data analysis)
- Assisted with preparation of IRB protocol and protocol amendments, creation of monthly research updates, and annual reports for funding foundation

2013 - 2016

Lab Manager, Hoyle Lab, Duke University

Lab Director: Rick Hoyle, Ph.D.

- Organized weekly lab meetings and supervised undergraduate research assistants
- Recruited and collected data for nine studies (e.g., phone interviews, in-person data collection) focused on the development of self-control
- Created, organized, and maintained a working inventory of 154 self-regulation measures as a toolkit for future research

2013

Independent Study, Hoyle Lab, Duke University

Lab Director: Rick Hoyle, Ph.D.

Supervisor: Amy Dent, Ph.D.

- Coded data and managed the 5,000-study electronic literature search for a meta-analysis
- Investigated the developmental trajectory of the relationship between self-regulation and academic achievement, culminating in an independent study paper

2012

Research Practicum, Hoyle Lab, Duke University

Lab Director: Rick Hoyle, Ph.D.

Supervisor: Amy Dent, Ph.D.

- Managed masterlists and databases of results from four electronic literature searchers for meta-analyses culminating in manuscripts on self-regulated learning and the Big-Fish-Little-Pond effect
- Ran 35 subjects for a lab-based study on emotion regulation

ACKNOWLEDGEMENTS

Dent, A. L. (2013). The relation between self-regulation and academic achievement: A meta-analysis exploring variation in the way constructs are labeled, defined, and measured (Unpublished doctoral dissertation). Duke University, Durham, NC.

Powers, J. P., Moshontz, H., & Hoyle, R. H. (2020). Self-control and affect regulation styles predict anxiety longitudinally in university students. *Collabra: Psychology*, 6(1), 11. doi: 10.1525/Collabra.280

RESEARCH SKILLS

Statistical software: Mplus, R, SPSS, SAS

Observational behavioral coding: Noldus, Datavyu

Physiological data processing: Mindware BioLab & HRV

Other: hair and salivary cortisol data collection experience

Methodologies: structural equation modeling, multilevel coupled autoregressive models, latent profile/class analysis, multilevel modeling, dynamic systems analysis (State Space Grids), lag sequential analyses

PROFESSIONAL ACTIVITIES

Professional Affiliations

2019 – present Member, Society for Research in Child Development

2019 – present Member, National Council on Family Relations

2019 – present Member, Society for Prevention Research

2018 – present Member, International Congress on Infant Studies

Journal Reviewing

2019 Ad-hoc co-reviewer for *Child Development*

2018 Ad-hoc co-reviewer for the *Merrill Palmer Quarterly*

2017 Ad-hoc co-reviewer for the *Journal of Applied Developmental Psychology*

TEACHING EXPERIENCE

2017 **Guest lecturer, *Introduction to Developmental Psychology***

Gave a 90-minute lecture on social and emotional development during middle adulthood.

SPECIALIZED COURSEWORK AND WORKSHOPS

Workshops

2020 Introduction to structural equation modeling, Curran & Bauer Analytics

2018 R Studio and R, Department of Psychology, The Pennsylvania State University

Coursework in Statistics

2019 Multivariate change

2018 Longitudinal structural equation modeling

2018 Advanced topics in latent class analysis

2017 Strategies for data analysis in developmental research
2017 Structural equation modeling

SERVICE AND COMMUNITY OUTREACH AND ENGAGEMENT

2017 – present Affiliate, Parents and Children Together
2020 Member, Psychologists of Color Affinity Group, The Pennsylvania State University
2020 Judge, The Pennsylvania State University 2020 Undergraduate Exhibition
2018 – 2020 Developmental Area Liaison, The Pennsylvania State University
2019 Student Aide, Annual Conference of the National Council on Family Relations
2017 Graduate Admissions Recruitment Leader, The Pennsylvania State University

POPULAR PRESS

“Keeping kids on task in school may start at home” Penn State News, by Kristie Auman-Bauer, January 31, 2019.

REFERENCES

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