

# FRANCES M. LOBO

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## EDUCATION

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- 2016 - present **The Pennsylvania State University**  
Fourth-year doctoral student in Developmental Psychology  
Advisors: Kristin Buss, Ph. D. & Erika Lunkenheimer, 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

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- 2017 - 2021 **Training Interdisciplinary Education Scientists (TIES) Fellowship**  
A competitive fellowship funded by the Institute of Education Sciences that prepares educational scientists with expertise in the development and evaluation of interventions focused on three areas: social and behavioral contexts for academic learning, early learning programs and policies, and effective teachers and teaching.
- 2017 **NSF Graduate Research Fellowship Program - Honorable Mention**  
A competitive fellowship that provides support for outstanding graduate students in science, technology, engineering, and mathematics disciplines.
- 2017 **Robert & Ruth Faris Child Psychology Graduate Scholar Award**  
A summer scholarship for child psychology research in the amount of \$3500.
- 2016 - 2017 **University Graduate Fellowship**  
A competitive fellowship from the Graduate School at The Pennsylvania State University for a select set of top applicants for graduate admissions. It offered funding for a graduate assistantship for five years.

## RESEARCH PUBLICATIONS & PRESENTATIONS

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### Publications in Press (in reverse chronological order):

**Lobo, F. M.**, & Lunkenheimer, E. S. (2019). *Understanding the parent-child coregulation patterns shaping child self-regulation*. Manuscript submitted for publication.

Lunkenheimer, E. S. , Hamby, C. M., **Lobo, F. M.**, Cole, P. M., & Olson, S. L. (in press). The role of dynamic, dyadic parent-child processes in parental socialization of emotion. *Developmental Psychology*.

Lunkenheimer, E. S. , 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*. Advance online publication. doi: 10.1007/s10802-019-00512-x

### Manuscripts in Preparation (in reverse chronological order):

**Lobo, F. M.** (2019). *Taking a developmental perspective on parent-child dyadic variability*. Manuscript in preparation.

**Lobo, F. M.**, & Lunkenheimer, E. S. (2019). *Positive and harsh parenting and parent-child parasymphathetic processes*. Manuscript in preparation.

Buss, K. A., Alton, B., Bierman, K., Harfield, D., Henry-Harris, C., **Lobo, F. M.**, ... Woodhouse, S. (2019). *Development of the BRAVE Transitions to Kindergarten Intervention: A community-based partnership mixed-method approach*. Manuscript in preparation.

**Lobo, F. M.**, Lunkenheimer, E. S., & Narun, R. I. (2018). *Maternal parenting profiles and their relations to dyadic flexibility*. Manuscript in preparation.

**Lobo, F. M.**, Lunkenheimer, E. S., Lucas-Thompson, R., & Seiter, N. (2017). *Parental emotion coaching and dismissing moderate the effects of family chaos on child coping*. Manuscript in preparation.

### Conference Presentations (in reverse chronological order):

**Lobo, F. M.**, & Lunkenheimer, E. S. (2019, November). *Maternal parenting profiles and their relations to dyadic flexibility*. Paper accepted to the 81<sup>st</sup> 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 79<sup>th</sup> annual conference of the National Council on Family Relations, Orlando, FL.

#### **Conference Posters (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 accepted to the 27<sup>th</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 21<sup>st</sup> 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 37<sup>th</sup> 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 35<sup>th</sup> annual meeting of the Society of Southeastern Social Psychologists, Augusta, GA.

## RESEARCH EXPERIENCE

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2017 - present **Graduate Research Assistant, The Emotion Development Lab, The Pennsylvania State University**  
*Lab Director: Kristin Buss, Ph. D.*

- Conducted mediation analyses on data collected for a pilot study examining the relation among neighborhood risk, parent risk, and child anxiety
- Prepared data reports communicating the results of preliminary analyses to faculty members, community partners, and other stakeholders
- Examined the moderating influences of maternal symptoms and parenting behaviors on the association between child temperament and child internalizing problems

2016 - present **Graduate Research Assistant, Parent-Child Dynamics Lab, The Pennsylvania State University**  
*Lab Director: Erika Lunkenheimer, Ph. D.*

- Studied observations of parent-child interactions in the lab and used Noldus Observer XT to qualitatively code parent and child affect and behaviors
- Processed ECG data for parents and children using Mindware software to calculate respiratory-sinus arrhythmia scores for each individual during their interactions in the laboratory
- Utilized regression, path analyses, structural equation modeling, and multilevel coupled autoregressive models to examine the influence of the family system on the development of preschooler's self-regulation

2013 - 2016

**Associate in Research, The Resilience Project, Duke University**

*Co-Principal Investigators at Duke University (in alphabetical order): Steven Asher, Ph. D.; Rick Hoyle, Ph. D.; Mark Leary, Ph. D.; Larry Moneta, Ed. D.; and Timothy Strauman, Ph. D.*

*Project Director: Molly Weeks, Ph. D.*

Description: Four-year, four-institution collaboration between researchers and practitioners supported by a \$3.4 million grant from The Duke Endowment to study resilience and improve student health and well-being through evidence-based interventions. Participating institutions include Davidson College, Duke University, Furman University, and Johnson C. Smith University.

- Served as primary research assistant to project director, Dr. Molly Weeks, and performed tasks in the following four areas: integration of research questions and questionnaire development, communication and organization, recruitment and retention of the longitudinal panel sample across institutions, and data management and documentation
- Maintained the project task list 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 development of draft questionnaires and 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.*

- Served as lab manager for Dr. Rick Hoyle's lab, which focuses primarily on the cognitive, affective, and social processes relevant to self-regulation, and the role of self-regulation in adaptive and maladaptive behavior
- Recruited and collected data for nine studies focused on the development of self-control
- Created, organized, and maintained a working inventory of 154 mental health and well-being, self-regulation, and goal pursuit measures as a toolkit for future research focused on the development of self-regulation in adolescents
- Conducted phone surveys with adolescents designed to investigate the features of goal pursuit; helped develop and apply a coding scheme for the qualitative responses; analyzed the data and presented results at the 37<sup>th</sup> annual meeting of the Southeastern Society for Social Psychologists
- Investigated the differential prediction of the three capacities for self-control (i.e., inhibition, initiation, and continuation) to everyday behaviors (e.g., engage in cardiovascular exercise, eat more than intended) by analyzing data collected from my colleagues' studies and presented findings at the 35<sup>th</sup> annual meeting of the Southeastern Society for Social Psychologists

2013

**Independent Study, Hoyle Lab, Duke University**

*Rick Hoyle, Ph. D., Lab Director*

*Amy Dent, Ph. D., Supervisor*

- Served as primary research assistant for a dissertation examining the relationship between self-regulation and academic achievement, and managed the 5,000-study electronic literature search for the meta-analysis (Dent, 2013)
- Investigated the developmental trajectory of the relationship between self-regulation and academic achievement in a moderator analysis, culminating in an independent study paper

2012

**Research Practicum, Hoyle Lab, Duke University**

*Rick Hoyle, Ph. D., Lab Director*

*Amy Dent, Ph. D., Supervisor*

- Managed masterlists of studies for three meta-analyses culminating in manuscripts examining the Big-Fish-Little-Pond effect and the relation between self-regulated learning and academic achievement
- Managed databases of results from four electronic literature searches and coded data for a 150-study meta-analysis
- Ran 35 subjects for a lab-based study on emotion regulation

## RESEARCH SKILLS

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**Statistical software:** MPlus, R, SPSS

**Heart Rate:** Mindware HRV

**Observational behavioral coding:** Noldus

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

## MENTORING EXPERIENCE

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2017 - present

**Co-leader of bi-weekly lab meetings, The Parent-Child Dynamics Lab**

- Co-organized bi-weekly lab meetings for lab research assistants focused on professional development, building statistical skills in R, and reading, writing, and discussing journal articles

- 2016 - present      **Supervisor of processing physiology data, The Parenting Young Children Project, The Parent-Child Dynamics Lab**
- Managed teams of 3 – 5 undergraduate students and post-bachelor's students each year in processing ECG data and correcting for any artifacts.

## TEACHING EXPERIENCE

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- 2018                      Co-guest lecturer, Introduction to Developmental Psychology

## PROFESSIONAL ACTIVITIES

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### Grant Writing Experience

- 2019                      PROSPER R01 grant

### Professional Affiliations

- 2019 – present      Member, Society for Research in Child Development  
2019 – present      Member, Society for Prevention Research  
2018 – present      Member, International Congress on Infant Studies

### Journal Reviewing

- 2018                      Ad-hoc co-reviewer for the *Merrill Palmer Quarterly*  
2017                      Ad-hoc co-reviewer for the *Journal of Applied Developmental Psychology*

## SPECIALIZED COURSEWORK AND WORKSHOPS

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### Workshops

- 2018                      R Studio and R

### Coursework in Statistics

- 2018                      Longitudinal structural equation modeling  
2018                      Advanced topics in latent class analysis  
2017                      Strategies for data analysis in developmental research  
2017                      Structural equation modeling

## COMMUNITY OUTREACH AND ENGAGEMENT

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2017 – present      Member, Parents and Children Together, The Pennsylvania State University

## POPULAR PRESS

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“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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Steven R. Asher, Ph.D., Professor, Department of Psychology & Neuroscience, Duke University, Box 90086, Durham, NC 27708, (919) 660-5773, asher@duke.edu

Rick H. Hoyle, Ph.D., Professor and Director of Undergraduate Studies, Department of Psychology & Neuroscience, Duke University, Box 90086, Durham, NC 27708, (919) 660-5791, rhoyle@duke.edu

Erika S. Lunkenheimer, Ph.D., Associate Professor of Developmental Psychology, The Pennsylvania State University, 444 Moore Building, University Park, PA, 16802, (814) 863-1991, ezl5238@psu.edu

Molly S. Weeks, Ph.D., Research Scientist, Department of Psychology & Neuroscience, Duke University, Box 90086, Durham, NC 27708, (919) 660-5756, molly.weeks@duke.edu