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Curriculum Vitae

Koraly Pérez-Edgar

Cognition, Affect, & Temperament Lab
Department of Psychology
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Affective Neuroscience
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Education:

- 2001 PhD Psychology, Harvard University
Dissertation: *Attentional Control in Emotional Contexts: The Potential Role of Temperament.*
Dissertation Advisor: Jerome Kagan, PhD
Dissertation Committee: Nathan A. Fox, PhD, Sheldon H. White, PhD, Michelle Leichtman, PhD, and Richard J. McNally, PhD
- 1998 MA Psychology, Harvard University
- 1995 AB Psychology, Dartmouth College
Phi Beta Kappa, Summa Cum Laude
Senior Thesis: *Temporal and Orthographic Variation in Repetition Blindness.*
Senior Thesis Advisor: Alfonso Caramazza, PhD
Prize for best Senior Thesis in the Department of Psychology.

Academic Positions:

- 2006-present *Assistant Professor*
Department of Psychology, George Mason University
- 2004-2006 *Research Assistant Professor*
Department of Human Development, University of Maryland
- 2001-2004 *Faculty Research Associate*
Department of Human Development, University of Maryland
Research Supervisor: Nathan A. Fox, PhD

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Grant Support:

Current Grants:

- 2009-2011 The effects of early temperament on social behavior in adolescence
U01 MH074454-04A1; ARRA Cooperative Agreement
Role: Principal Investigator on Subcontract
Principal Investigator: Nathan A. Fox, PhD, University of Maryland
Total GMU Costs: \$297,658
Total Grant Costs: \$979,012
- 2009-2010 Individual differences in deference: Links across cognitive and socioemotional domains
Jacobs Family Foundation
Role: Co-Principal Investigator
Co-Principal Investigator: Vikram Jaswal, PhD, University of Virginia
Total Costs: \$45,000
- 2006-2010 Threat and attention in adolescent anxiety.
K01 MH073569-01A1
Role: Principal Investigator
Total Costs: \$555,568

Completed Grants:

- 2007-2008 Early behavioral and psychophysiological correlates of social processing
GMU Faculty Research and Development Award
Role: Principal Investigator
Total Costs: \$4,722
- 2006-2008 Assessing the molecular genetic links between early temperament and psychopathology in adolescence: The potential role of dopamine (DRD4), serotonin (5HTT), and corticotropin releasing hormone (CRH)
NARSAD, Young Investigator Award
Role: Principal Investigator
Total Costs: \$59,000
- 2005-2008 The effects of early temperament on social behavior in adolescence.
R01 HD044651
Role: Co-Investigator
Principal Investigator: Nathan A. Fox, PhD, University of Maryland
Total Costs: \$984,662

Consultations:

- 2009-- Anxiety Disorders Association of America
Task Force on Children and Anxiety Disorders, Member

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- 2008-- Anxiety Disorders Association of America
Strategic Planning Group, Member
- 2007-- NIH Toolbox for Assessment of Neurological and Behavioral Function
Cognitive Domain: Pediatric Assessments
Cultural Working Group
PI: Richard Gershon, PhD
- 2007-- Institutional Review Board Member
ICF International

Fellowships, Honors, & Travel Awards:

Fellowships:

- 2000-2001 Ford Foundation Dissertation Fellowship
2000-2001 Graduate Society Dissertation Completion Fellowship, Harvard University
1998-2000 Graduate Prize Fellowship, Harvard University
1995-1998 National Science Foundation Graduate Fellowship
1993 National Science Foundation Summer Research Internship for Minority Students

Honors:

- 2008 Jacobs Foundation Conference Young Scholar, Zurich, Switzerland
2006 NARSAD Young Investigator Award
Selected for dedicated funding by the Blowitz-Ridgeway Foundation
2006 Anxiety Disorders Association of America Career Development Award
2004 John Merck Fund Summer Institute on the Biology of Developmental
Disabilities at Princeton University
2003 APA Advanced Training Institute in Longitudinal Methods, Modeling, and
Measurement
2001 Knox Research Stipend, Harvard University, Psychology Department
1998 Harvard University Certificate of Distinction in Teaching
1997 Harvard University Certificate of Distinction in Teaching
1996 Elsie Hopestill Stimson Fund, Harvard University, Psychology Department
1996 McMaster Fund Research Grant, Harvard University, Psychology Department
1995 The Benjamin G. Benner 1969 Awards, Dartmouth College

Travel Awards:

- 2009 Cognitive Development Society Travel Award
2007 American College of Neuropsychopharmacology/NIMH Travel Award
2006 American College of Neuropsychopharmacology/ADAA Travel Award
2001 Wisconsin Symposium on Emotion Travel Award
2001 McMaster Fund Travel Grant, Harvard University, Psychology Department
2000 Society for Psychophysiological Research Student Travel Award

Publications, Presentations, and Posters:

Chapters:

1. **Pérez-Edgar, K.**, & Bar-Haim, Y. (in press) Application of cognitive-neuroscience techniques to the study of anxiety-related processing biases in children. In J. Hadwin & A. Field (Eds.), *Information processing biases in child and adolescent anxiety*.
2. Fox, N. A., Henderson, H. A., **Pérez-Edgar, K.**, & White, L. (2008). The biology of temperament: An integrative approach. In C.A. Nelson and M. Luciana (Eds.), *The Handbook of Developmental Cognitive Neuroscience*, (pp. 839-854), MIT Press, Cambridge, MA.
3. Fox, N. A., Hane, A. A., & **Pérez-Edgar, K.** (2006). Psychophysiological methods for the study of developmental psychopathology. In D. Cicchetti & D. Cohen (Eds.), *Developmental Psychopathology, Vol. II, 2nd ed* (pp. 381-426). New York: Wiley

Journal Articles:

1. **Pérez-Edgar, K.**, Bar-Haim, Y., Martin McDermott, J., Chronis-Tuscano, A., Pine, D. S., & Fox, N. A. (in press). Attention biases to threat and behavioral inhibition in early childhood shape adolescent social withdrawal. *Emotion*.
2. **Pérez-Edgar, K.**, Bar-Haim, Y., McDermott, J. M., Gorodetsky, E., Hodgkinson, C. A., Goldman, D., Ernst, M., Pine, D. S., & Fox, N. A. (in press). Variations in the serotonin transporter gene are linked to attention bias patterns to positive and negative emotion faces. *Biological Psychology*.
3. McDermott, J. M., **Pérez-Edgar, K.**, Henderson, H. A., Chronis-Tuscano, A., Pine, D. S., & Fox, N. A. (2009). A history of childhood behavioral inhibition and enhanced response monitoring in adolescence are linked to clinical anxiety. *Biological Psychiatry*, *65*, 445-448.
4. Schmidt, L. A., Fox, N. A., **Pérez-Edgar, K.**, & Hamer, D. H. (2009). Linking gene, brain, and behavior: DRD4, frontal asymmetry, and temperament. *Psychological Science*, *20*, 831-837.
5. Williams, L. R., Degnan, K. A., **Pérez-Edgar, K.**, Henderson, H. A., Rubin, K. H., Pine, D. S., Steinberg, L., & Fox, N. A. (2009). Impact of behavioral inhibition and parenting style on internalizing and externalizing problems from early childhood through adolescence. *Journal of Abnormal Child Psychology*, *37*, 1063-1075.
6. Bar-Haim, Y., Fox, N. A., Benson, B., Guyer, A. E., Williams, A., Nelson, E. E., **Pérez-Edgar, K.**, Pine, D. S., & Ernst, M. (2009). Neural correlates of reward processing in adolescents with a history of inhibited temperament. *Psychological Science*, *20*, 1009-1018.
7. Chronis-Tuscano, A., Degnan, K. A., Pine, D. S., **Pérez-Edgar, K.**, Henderson, H. A., Diaz, Y., Raggi, V. L., Fox, N. A. (2009). Stable, early behavioral inhibition predicts the development of social anxiety disorders in adolescence. *Journal of the American Academy of Child and Adolescent Psychiatry*, *48*, 928-935.

8. Reeb-Sutherland, B. C., Vanderwert, R. E., Degnan, K. A., Marshall, P. J., **Pérez-Edgar, K.**, Chronis-Tuscano, A., Pine, D. S., & Fox, N. A. (2009). Attention to novelty in behaviorally inhibited adolescents moderates risk for anxiety. *Journal of Child Psychology and Psychiatry*, *50*, 1365-1372.
9. Reeb-Sutherland, B. C., Helfinstein, S. M., Degnan, K. A., **Pérez-Edgar, K.**, Henderson, H. A., Lissek, S., Chronis-Tuscano, A., Grillon, C., Pine, D. S., & Fox, N. A. (2009). Startle modulation in behaviorally inhibited adolescents with a lifetime occurrence of anxiety disorders. *Journal of the American Academy of Child and Adolescent Psychiatry*, *48*, 610-617.
10. **Pérez-Edgar, K.**, Schmidt, L. A., Henderson, H. A., Schulkin, J., & Fox, N. A. (2008). Salivary cortisol levels and infant temperament shape developmental trajectories in boys at risk for behavioral maladjustment. *Psychoneuroendocrinology*, *33*, 916-925.
11. **Pérez-Edgar, K.**, & Fox, N. A. (2007). Temperamental contributions to children's performance in an emotion-word processing task: A behavioral and electrophysiological study. *Brain & Cognition*, *65*, 22-35.
12. **Pérez-Edgar, K.**, Roberson-Nay, R., Hardin, M. G., Poeth, K., Guyer, A. E., Nelson, E. E., McClure, E. B., Henderson, H. A., Fox, N. A., Pine, D. S., & Ernst, M. (2007). Attention alters neural responses to evocative faces in behaviorally inhibited adolescents. *NeuroImage*, *35*, 1538-1546.
13. McDermott, J. M., **Pérez-Edgar, K.**, & Fox, N. A. (2007). Development of flanker tasks for young children. *Behavior Research Methods*, *39*, 62-70.
14. Rich, B. A., Schmajuk, M., **Pérez-Edgar, K.**, Fox, N. A., Pine, D. S., & Leibenluft, E. (2007). Response to contingencies and frustration in pediatric bipolar disorder and severe mood dysregulation. *American Journal of Psychiatry*, *164*, 309-317.
15. **Pérez-Edgar, K.**, Fox, N. A., Cohn, J. F., & Kovacs, M. (2006). Behavioral and electrophysiological markers of selective attention in children of parents with a history of depression. *Biological Psychiatry*, *60*, 1131-1138.
16. Guyer, A. E., Nelson, E. E., **Pérez-Edgar, K.**, Hardin, M. G., Roberson-Nay, R., Monk, C. S., Bjork, J. M., Henderson, H. A., Pine, D. S., Fox, N. A., & Ernst, M. (2006). Striatal functional alteration in adolescents characterized by early childhood behavioral inhibition. *Journal of Neuroscience*, *26*, 6399-6405.
17. Hardin, M. G., **Pérez-Edgar, K.**, Pine, D. S., Fox, N. A., & Ernst, M. (2006). Reward and threat sensitivity in shy and exuberant adults: A relationship between social and motivated behavior. *Personality & Individual Differences*, *40*, 699-711.
18. **Pérez-Edgar, K.**, & Fox, N. A. (2005). Temperament and Anxiety Disorders. *Child & Adolescent Psychiatric Clinics of North America*, *14*, 681-706.

19. **Pérez-Edgar, K.**, & Fox, N. A. (2005). A behavioral and electrophysiological study of children's selective attention under neutral and affective conditions. *Journal of Cognition & Development*, 6, 89-116.
20. Rich, B. A., Schmajuk, M., **Pérez-Edgar, K.**, Pine, D. S., Fox, N. A., & Leibenluft, E. (2005). The impact of reward, punishment, and frustration on attention in pediatric bipolar disorder. *Biological Psychiatry*, 58, 532-539.
21. **Pérez-Edgar, K.**, & Fox, N. A. (2003). Individual differences in children during an emotional Stroop task: A behavioral and electrophysiological study. *Brain & Cognition*, 52, 33-51.
22. Bar-Haim, Y., **Pérez-Edgar, K.**, Fox, N. A., Beck, J., West, G. M., Bhangoo, R., Myers F., & Leibenluft, E. (2002). The emergence of childhood bipolar disorder: A prospective study from 4 months to 7 years of age. *Journal of Applied Developmental Psychology*, 23, 431-450.
23. Schmidt, L. A., Fox, N. A., **Pérez-Edgar, K.**, Hu, S., & Hamer, D. H. (2001). Association of DRD4 with attention problems in normal childhood development. *Psychiatric Genetics*, 11, 25-29.

Under Review:

1. **Pérez-Edgar, K.**, Schmidt, L. A., Fox, N. A., & Hamer, D. H. (under review). Behavioral and electrophysiological associations of DRD4 with attention orienting in normal childhood development.
2. **Pérez-Edgar, K.**, Kujawa, A.,* Nelson, S. K.,* Cole, C.,* & Zapp, D. J. (under review). The relation between electroencephalogram asymmetry and attention biases to threat across frontal and parietal regions at baseline and under stress.

In Preparation:

1. **Pérez-Edgar, K.**, McDermott, J. M., Pine, D. S., & Fox, N. A. (in prep.) A link between early patterns of selective attention in infancy and socioemotional and psychophysiological outcomes in early childhood.
2. **Pérez-Edgar, K.**, Guyer, A. E., Benson, B., Nelson, E. E., Bar-Haim, Y., Gorodetsky, E., Goldman, D., Shiffrin, N., Fox, N. A., Pine, D. S. & Ernst, M. (in prep.). MAO-A polymorphism moderates the relation between behavioral inhibition and the neural correlates of reward processing.
3. **Pérez-Edgar, K.**, Nelson, S. K.,* Kujawa, A.,* Zapp, D. J.,* & Cole, C.* (in prep). Young children's sensitivity to social rejection and acceptance based on their own social judgments: A pilot study of a new experimental paradigm.

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4. Nelson, S. K., * **Pérez-Edgar, K.**, Cole, C., * & Zapp, D. J. * (in prep.). Shyness and sociability moderates patterns of attention bias to affective faces.
5. Gupta, D., * & **Pérez-Edgar, K.** (in prep). A multidimensional temperament profile predicting somatization in young women.
6. Reeb-Sutherland, B. C., Williams, L. R., **Pérez-Edgar, K.**, Henderson, H. A., Pine, D. S., & Fox, N. A. (in prep.). Categorical representations for facial expressions of emotion among behaviorally inhibited adolescents.
7. Degnan, K.A., Chronis-Tuscano, A., Pine, D., **Pérez-Edgar, K.**, Diaz, Y., Raggi, V. L., Fox, N. A. (in prep.). Behavioral inhibition predicts the development of anxiety disorders in adolescence: A sequential analysis.
8. Williams, L. R., Fox, N. A., Lejuez, C., Reynolds, E., Henderson, H. A., **Pérez-Edgar, K.**, Steinberg, L., & Pine, D. S. (in prep.) Early temperament, propensity for risk-taking and adolescent substance use problems: A prospective multi-methodological approach

Presentations:

Peer-reviewed Conference Presentations:

1. **Pérez-Edgar, K.**, Fox, N. A., Martin McDermott, J., & Bar-Haim, Y. (2010, March). *Selective Attention to Emotion as a Mechanism in the Emergence of Anxiety*. Paper to be presented at Anxiety Disorders Association of America Annual Conference, Baltimore, Maryland. Chair of symposium titled *Multi-method Approaches to Understanding the Cognitive Neuroscience of Anxiety across the Lifespan*.
2. **Pérez-Edgar, K.**, Guyer, A. E., Nelson, E. E., Pine, D. S., & Ernst, M. (2009, April). *Using Imaging Genetics to Study Linkages among Early Temperament, Adolescent Reward Processing, and Monoamine Oxidase A*. Paper presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado.
3. **Pérez-Edgar, K.**, Martin McDermott, J., & Fox, N. A. (2009, April). *Selective Attention as a Mechanism for Socioemotional Development: Behavioral, Genetic, and Neural Markers*. Paper presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado. Chair of symposium titled *Developmental Neuroscience Approaches to Studying the Relation between Cognition and Emotion*.
4. Fox, N. A., **Pérez-Edgar, K.**, Bar-Haim, Y., Guyer, A. E., Ernst, M., & Pine, D. S. (2009, April). *Behaviorally Inhibited Adolescents Modulate Affective Responses to Reward with Hyperactivation of Reward Circuitry*. Paper presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado.

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5. Reeb-Sutherland, B. C., Helfinstein, S. M., Vanderwert, R. E., **Pérez-Edgar, K.**, Henderson, H. A., Lissek, S., Grillon, C., Pine, D. S., & Fox, N. A. (2009, April). *Neural Correlates of Attention among Behaviorally Inhibited Adolescents Moderate Risk for Anxiety*. Paper presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado.
6. Reeb, B.C., Vanderwert, R.E., **Pérez-Edgar, K.**, Henderson, H.A., Pine, D.S. & Fox, N. A. (2008, November). *Physiological Response to Auditory Novelty differentiates between Behaviorally Inhibited Adolescents with and without a Lifetime Occurrence of Anxiety Disorders*. Paper presented at the 41st Annual Meeting of the International Society for Developmental Psychobiology, Washington, D.C.
7. Fox, N. A., Helfinstein, S. M., White, L. K., **Pérez-Edgar, K.**, & Bar-Haim, Y. (2008, October). *Mechanisms of Attention Modulate Response to Threat in Temperamentally Fearful and Anxious Individuals*. Paper presented at the 48th Annual Meeting of the Society for Psychophysiological Research, Austin, Texas. Abstract published in *Psychophysiology*, 45, S16.
8. **Pérez-Edgar, K.**, Guyer, A. E., Fox, N. A., Pine, D. S., & Ernst, M. (2008, March). *Enduring Neural Markers of Early Temperament into Adolescence: The Role of Affective and Motivational Context*. Paper presented at the Society for Research in Adolescence Biennial Meeting, Chicago, Illinois.
9. **Pérez-Edgar, K.**, & Fox, N. A. (2007, October). *Neural Links between Behavioral Inhibition in Adolescence and Anxiety*. Paper presented at the American Academy of Child & Adolescent Psychiatry 54th Annual Meeting, Boston, Massachusetts.
10. Leibenluft, E., Rich, B., Brotman, M., Dickstein, D., Towbin, K., Fox, N. A., **Pérez-Edgar, K.**, & Pine, D. S. (2007, October). *Severe Mood Dysregulation: Nosology and Pathophysiology*. Paper presented at the American Academy of Child & Adolescent Psychiatry 54th Annual Meeting, Boston, Massachusetts.
11. **Pérez-Edgar, K.**, Guyer, A. E., Pine, D. S., & Ernst, M. (2007, June). *Functional Imaging of Adolescents Identified as Behaviorally Inhibited in Childhood*. Paper presented at the International Society for Research in Child and Adolescent Psychopathology Annual Meeting, London, England.
12. **Pérez-Edgar, K.**, & Fox, N. A. (2007, March). *Behavioral Inhibition in Early Childhood and Attentional Biases to Affective Faces in Adolescence: Links to Adolescent Anxiety*. Paper presented at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
13. **Pérez-Edgar, K.**, & Fox, N. A. (2006, October). *Temperament as a Risk and Protective Factor for Disruptive Behavior Problems*. Paper presented at the American Academy of Child & Adolescent Psychiatry 53rd Annual Meeting, San Diego, California.

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14. Fox, N. A., & **Pérez-Edgar, K.** (2004, October). *Temperamental Origins of Irritability and Social Withdrawal*. Paper presented at the American Academy of Child & Adolescent Psychiatry 51st Annual Meeting, Washington, D.C.

15. **Pérez-Edgar, K.**, & Fox, N. A. (2004, May). *Electrophysiological and Temperamental Correlates of Cognitive Development in Infancy*. Paper presented at the International Conference on Infant Studies, Chicago, Illinois. Chair of symposium titled *Temperamental and Self-Regulatory Processes in Cognitive Performance and Social Behavior*.

16. **Pérez-Edgar, K.** (2004, April). *Temperamental and Gender Differences in the Relations between Cortisol and Socioemotional Adjustment*. Paper presented at the 18th Biennial Conference on Human Development, Washington, D.C.

17. Rich, B. A., Schmajuk, M., **Pérez-Edgar, K.**, Pine, D. S., Fox, N. A., & Leibenluft, E. (2004, April). *Heightened Responsivity to Reward, Punishment, and Frustration in Pediatric Bipolar Disorder*. Paper presented at the Pediatric Bipolar Disorder Conference, Boston, Massachusetts.

18. **Pérez-Edgar, K.**, & Fox, N. A. (2003, June). *The Influence of Temperament on Automatic and Controlled Processes Involved in the Regulation of Emotion*. Paper presented at the Annual Meeting of the Society for Theoretical and Experimental Neuropsychology, Montreal, Quebec, Canada.

19. **Pérez-Edgar, K.**, & VanMeenen, K. (2001, April). *Temperamental Differences in the Impact of Social Threat on Attentional Control*. Paper presented at the Society for Research in Child Development Biennial Meeting, Minneapolis, Minnesota

Non-reviewed Conference & Colloquia Presentations:

1. **Pérez-Edgar, K.** (2010, February). *Attention Mechanisms of Socioemotional Development: Behavioral, Neural, and Genetic Markers*. Paper to be presented at the Department of Human Development, Center for Children, Relationships, and Culture Colloquia Series, University of Maryland, College Park, Maryland.

2. **Pérez-Edgar, K.** (2009, December). *Attention and Affect in Early Temperament: Mechanisms for Socioemotional Development*. Paper to be presented at the Psychiatry and Behavioral Sciences Research Seminar, Johns Hopkins University Medical School, Baltimore, Maryland.

3. Parra, L. A., * **Pérez-Edgar, K.**, Nelson, K., * Cole, C. E., * & Zapp, D. J. * (2009, October). *The relationship between inhibitory control and sadness in young boys' and girls' ability to detect threat: Touch the Snake!* Paper presented at the annual NIMH Career Opportunities in Research (COR) Colloquium, Albuquerque, New Mexico.

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4. **Pérez-Edgar, K.** (2009, September). *Developmental Trajectories of Temperament: Attentional, Neural, and Genetic Moderators*. Paper presented at the Department of Psychology, Human Factors and Applied Cognition Colloquia Series, George Mason University, Fairfax Virginia.
5. **Pérez-Edgar, K.** (2009, September). *The Role of Attention in Developmental Psychopathology: An Electrophysiological Approach*. Paper presented at the NIMH Workshop “Using Electrophysiology to Understand the Neural Basis and Treatment Effects of Mental Disorders in Children and Adolescents,” Bethesda, Maryland.
6. **Pérez-Edgar, K.** (2009, June). *Attention Mechanisms of Socioemotional Development: Behavioral, Neural, and Genetic Markers*. Paper presented at the Department of Psychology Colloquia Series, Tel Aviv University, Israel.
7. **Pérez-Edgar, K.** (2009, February). *Brain Development in Early Childhood: Just What is Going On in There?* Paper presented at the George Mason University Professional Development Day for Early Childhood Educators, Fairfax, Virginia.
8. **Pérez-Edgar, K.** (2008, March). *Temperament and Early Social Development: The Special Case of Shyness*. Paper presented at the George Mason University Professional Development Day for Early Childhood Educators, Fairfax, Virginia.
9. **Pérez-Edgar, K.** (2007, October). *Attentional Mechanisms of Socioemotional Development*. Paper presented at the Developmental Psychology Colloquia Series, University of Virginia, Charlottesville, Virginia.
10. **Pérez-Edgar, K.** (2006, September). *Carving Out Developmental Trajectories: The Body, the Brain, and the Mind*. Paper presented at the Applied Developmental and Biopsychology Colloquia Series, George Mason University, Fairfax, Virginia.
11. **Pérez-Edgar, K.** (2006, February). *Attention-Affect Relations in Behavioral Inhibition*. Paper presented at the Section on Development and Affective Neuroscience Branch (SDAN), National Institute of Mental Health (NIMH), Bethesda, Maryland.
12. **Pérez-Edgar, K.** (2003, October). *TOTS: Temperament Over Time Study*. Invited paper presented to the Psychology Honor Society at the University of Maryland, University College, College Park, Maryland.
13. **Pérez-Edgar, K.** (2000, December). *Visual Spatial Attention under Neutral Conditions and Conditions of Social Threat*. Paper presented to the Pediatric and Developmental Neuropsychiatry Branch, NIMH, Bethesda, Maryland.
14. **Pérez-Edgar, K.** (2000, October). *A Developmental Perspective on the Links between Attentional Control and Emotion Regulation*. Paper presented at the Conference of Ford Foundation Fellows, Irvine, California.

15. **Pérez-Edgar, K.** (1997, May). *Eye-gaze Cueing in Infants, Children, and Adults: Factors in the Structure and Function of the Visual Attention System*. Paper presented at the Symposium of Second-Year Graduate Students, Department of Psychology, Harvard University, Cambridge, Massachusetts.

16. **Pérez, K.**, & Pugh, K. (1994, June). *Repetition and Associative Priming in Spanish-English Bilinguals*. Paper presented at the NSF student research symposium, The Pennsylvania State University, State College, Pennsylvania.

Posters:

1. **Pérez-Edgar, K.**, Nelson, S. K.,* Cole, C. E.,* & Zapp, D.* (2009, October). *Links between Attention Orienting and Attention Biases in 'Hot' and 'Cold' contexts*. Poster presented at the Cognitive Development Society VI Biennial Meeting, San Antonio, Texas.

2. Nelson, S. K.,* Cole, C. E.,* **Pérez-Edgar, K.**, Zapp, D.,* & LoBue, V. (2009, October). *Detection of Angry Faces Predicts Attentional Bias towards Affective Faces*. Poster presented at the Cognitive Development Society VI Biennial Meeting, San Antonio, Texas.

3. Helfinstein, S. M., Benson, B., Bar-Haim, Y., **Pérez-Edgar, K.**, Detloff, A., Pine, D. S., Fox, N. A., & Ernst, M. (2009, October). *Striatal Activation to Negative Feedback Differs between Behaviorally Inhibited and Non-inhibited Adolescents*. Poster presented at the 49th Annual Meeting of the Society for Psychophysiological Research, Berlin, Germany.

4. Gupta, D.,* & **Pérez-Edgar, K.** (2009, October). *Role of Temperament on Somatization in Young Adults*. Poster to be presented at the 6th Biennial Conference of the Society for the Study of Human Development, Ann Arbor, Michigan.

5. Levin, L. B., Henderson, H. A., **Pérez-Edgar, K.**, & Fox, N. A. (2009, April). *Associations Between Processing Biases and Self-presentation Speech Anxiety*. Poster presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado.

6. Reeb-Sutherland, B. C., Williams, L. R., **Pérez-Edgar, K.**, Henderson, H. A., Pine, D. S., & Fox, N. A. (2009, April). *Categorical Representations for Facial Expressions of Emotion Among Behaviorally Inhibited Adolescents*. Poster presented at the Society for Research in Child Development Biennial Meeting, Denver, Colorado.

7. **Pérez-Edgar, K.** (2009, March). *Gene-by-Attention Interaction in the Emergence of Childhood Anxiety*. Poster presented at the Anxiety Disorders Association of America Annual Conference, Pueblo Santa Ana, New Mexico.

* Student Co-Author

8. **Pérez-Edgar, K.**, Nelson, E. E., Guyer, A. E., Fox, N. A., Pine, D. S., & Ernst, M. (2008, December). *An imaging genetics study of the link between early temperament and adolescent risk-taking: Behavioral inhibition, MAO-A, and reward processing*. Poster presented at the American College of Neuropsychopharmacology 47th Annual Meeting, Scottsdale, Arizona.
9. Cole, C. E.,* Zapp, D.,* **Pérez-Edgar, K.**, Gupta, D.,* & Brown, A. J.* (2008, November). *Attentional biases to threatening faces in relation to self-reported behavioral inhibition and frontal asymmetry*. Poster presented at the Society for Neuroscience Annual Meeting, Washington, D.C.
10. **Pérez-Edgar, K.**, Brown, A. J.,* Zapp, D.,* & Cole, C. E.* (2008, May). *Attentional Biases to Affective Faces in Relation to Depression*. Poster presented at the 20th Annual Association for Psychological Science Meeting, Chicago, Illinois.
11. Cole, C. E.,* Zapp, D.,* Brown, A. J.,* & **Pérez-Edgar, K.** (2008, May). *Attentional Biases to Affective Faces in Relation to Adult Aggression*. Poster presented at the 20th Annual Association for Psychological Science Meeting, Chicago, Illinois.
12. **Pérez-Edgar, K.**, Schmidt, L., & Fox, N. A. (2008, April). *Behavioral and Electrophysiological Links between DRD4 and Attention Orienting in Children*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California.
13. **Pérez-Edgar, K.** (2008, April). *Behavioral Inhibition in Early Childhood and Attentional Biases to Affective Faces in Adolescence: Links to Adolescent Anxiety*. Poster presented at the Jacobs Foundation Conference on Early Childhood Development and Later Achievement, Marbach Castle, Öhningen, Germany.
14. **Pérez-Edgar, K.**, McDermott, J. M., Pine, D. S., & Fox, N. A. (2007, December). *Selective Attention as an Endophenotypic Marker of Genetic Vulnerability to Socioemotional Maladjustment*. Poster presented at the American College of Neuropsychopharmacology 46th Annual Meeting, Boca Raton, Florida.
15. Anderson, C. R.,* **Pérez-Edgar, K.**, & Fox, N. A. (2007, March). *Protective and Risk Factors Selectively Moderate the relations between Infant Reactivity and Childhood Socioemotional Outcomes*. Poster presented at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
16. Rankin, L. A., **Pérez-Edgar, K.**, Henderson, H. A., Appel, M., & Fox, N. A. (2007, March). *Infant Temperament and Emotion Regulation: Modeling Externalizing Behaviors from Early Childhood through Adolescence*. Poster presented at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.

* Student Co-author

17. Rankin, L. A., **Pérez-Edgar, K.**, Pine, D. S., & Fox, N. A. (2007, March). *Protective Factors in Infancy and Childhood against serious Adolescent Substance Use*. Poster presented at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
18. **Pérez-Edgar, K.**, Fox, N. A., Pine, D. S., & Ernst, M. (2006, December). *Genetic and Temperamental Moderators of the Relation between Stress-Reactivity and Adolescent Anxiety*. Poster presented at the American College of Neuropsychopharmacology 45th Annual Meeting, Hollywood, Florida. Abstract published in *Neuropsychopharmacology*, 31, S146.
19. Guyer, A. E., Nelson, E. E., **Pérez-Edgar, K.**, Hardin, M. G., Roberson-Nay, R., Monk, C. S., Bjork, J. M., Henderson, H. A., Pine, D. S., Fox, N. A., & Ernst, M. (2006, September). *Striatal Functional Alteration in Adolescents Characterized by Early Childhood Behavioral Inhibition*. Poster presented at the NIMH Intramural Retreat, Bethesda, Maryland.
20. **Pérez-Edgar, K.**, Roberson-Nay, R., Hardin, M., Guyer, A., Nelson, E., Pine, S., Fox, N.A., & Ernst, M. (2006, April). *Early Behavioral Inhibition and Adolescent Neural Sensitivity to Face Emotion Processing*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California.
21. Martin McDermott, J.N., **Pérez-Edgar, K.**, Van Eck, K., & Fox, N.A. (2006, April). *Behavioral and Neural Correlates of Self-Monitoring in Adolescence: The Role of Individual Differences*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California.
22. Van Eck, K., Martin, J.N., **Pérez-Edgar, K.**, & Fox, N.A. (2006, April). *Relations between Individual Differences in Error Monitoring Strategies and Personality in Adolescents*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California.
23. Eldreth, D., Vanderwert, R. E., **Pérez-Edgar, K.**, Hardin, M., Van Eck, K., & Fox, N.A. (2006, March). *The Role of Temperament on Response Inhibition*. Poster presented at the Eastern Psychological Association Annual Meeting, Baltimore, Maryland.
24. Vanderwert, R. E., Eldreth, D., Fox, N.A. & **Pérez-Edgar, K.** (2006, March). *Temperament x Internalizing Behaviors Mediates Inhibitory Task Performance*. Poster presented at the Eastern Psychological Association Annual Meeting, Baltimore, Maryland.
25. Rich, B., Schmajuk, M., **Pérez-Edgar, K.**, Pine, D., Fox, N. A., & Leibenluft, E. (2004, July). *Heightened Responsivity to Reward, Punishment, and Frustration in Bipolar Children*. Poster presented at the American Psychological Association Annual Convention, Honolulu, Hawaii.
26. Martin, J. N., **Pérez-Edgar, K.**, & Fox, N. A. (2004, May). *Stability of Temperament Classification across Contexts: Maternal Report versus Laboratory Observation*. Poster presented at the International Conference on Infant Studies, Chicago, Illinois.

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27. Nichols, K., **Pérez-Edgar, K.**, Fox, N. A., & Mundy, P. (2004, May). *Initiating Joint Attention and Self-Recognition in Infants*. Poster presented at the International Conference on Infant Studies, Chicago, Illinois.
28. Rich, B. A., Schmajuk, M., **Pérez-Edgar, K.**, Pine, D. S., Fox, N. A., & Leibenluft, E. (2004, May). *Heightened Responsivity to Reward, Punishment, and Frustration in Pediatric Bipolar Disorder*. Poster presented at The Society of Biological Psychiatry, 59th Annual Scientific Convention, New York, New York. Abstract published in *Biological Psychiatry*, 55, 230S.
29. **Pérez-Edgar, K.**, & Schulkin, J. (2003, April). *The Relations between Cortisol and Behavioral Maladjustment at ages Four and Seven*. Poster presented at the Society for Research in Child Development Biennial Meeting, Tampa, Florida.
30. Himmelfarb, D., & **Pérez-Edgar, K.** (2001, April). *From Physiology to Social Behavior: The Moderating Role of Self-Concept*. Poster presented at the Society for Research in Child Development Biennial Meeting, Minneapolis, Minnesota.
31. **Pérez-Edgar, K.**, Bhuiya, F., Marshall, P. J., & Fox, N. A. (2000, October). *The Relationship between Behavioral responses and ERP's in an auditory Emotional Stroop task*. Poster presented at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, California. Abstract published in *Psychophysiology*, 37, S78.
32. **Pérez-Edgar, K.**, & Fox, N. A. (2000, October). *EEG Asymmetry affects Behavioral and ERP responses in Children during the Emotional Stroop*. Poster presented at the 40th annual meeting of the Society for Psychophysiological Research, San Diego, California. Abstract published in *Psychophysiology*, 37, S78.
33. **Pérez-Edgar, K.**, & Fox, N. A. (2000, July). *The Impact of Frontal Asymmetry and Attentional Control on Social Retention*. Poster presented at the International Conference on Infant Studies, Brighton, England.
34. **Pérez-Edgar, K.**, Fox, N. A., & Kagan, J. (1999, October). *Incentive Motivation Modulates Covert Attention Shifting in Young Children: An ERP Study*. Poster presented at the 39th annual meeting of the Society for Psychophysiological Research, Granada, Spain. Abstract published in *Psychophysiology*, 36, S90.
35. Drummey, A. B., Newcombe, N., Fox, N. A., & **Pérez-Edgar, K.** (1999, April). *Using Source Memory as a Tool: Equating Post-Retrieval Processing of Source for True and False Recognition Memory*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, Washington, D.C.
36. **Pérez-Edgar, K.**, & Hood, B. (1998, May). *Exogenous Properties of Eye-Gaze Cueing*. Poster presented at the 10th Annual American Psychological Society Convention, Washington, D.C.

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37. Pérez, K., & Caramazza, A. (1996, June). *On Repetition Blindness and Similarity Inhibition*. Poster presented at the 8th Annual American Psychological Society Convention, San Francisco, California.

Review Experience:

Editorial Board, Member:

International Journal of Behavioral Development

Ad-Hoc Journal Reviews:

Child Development

Journal of the American Academy of Child and Adolescent Psychiatry

Journal of Child Psychology and Psychiatry

Journal of Abnormal Child Psychology

British Journal of Developmental Psychology

European Child and Adolescent Psychiatry

Journal of Applied Developmental Psychology

Journal of Experimental Child Psychology

Parenting: Science and Practice

Early Childhood Research Quarterly

Biological Psychiatry

Biological Psychology

Psychological Medicine

Psychoneuroendocrinology

Neuropsychologia

International Journal of Psychophysiology

Human Brain Mapping

BMC Neuroscience

Emotion

Journal of Personality

Israel Journal of Psychiatry

Conference Submissions:

Anxiety Disorders Association of America Annual Conference

--2009, Santa Ana Pueblo, New Mexico

--2010, Baltimore, Maryland

Society for Research in Child Development Biennial Meeting, 2009, Denver, Colorado

18th Biennial Conference on Human Development, 2004, Washington, DC

Grant Reviews:

Canada Foundation for Innovation (CFI), Leaders Opportunity Fund (LOF), September 2009

NICHD Special Emphasis Panel, June 2009

NICHD Special Emphasis Panel, July 2008

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Books:

The Development of Children by Cole, M. & Cole, S.
Introduction to Cognitive Psychology for Oxford University Press
Cognitive Psychology for John Wiley & Sons

Teaching Experience:

2009 Spring Instructor, *Developmental Psychopathology*, George Mason University

2009 Spring Guest Lecturer, *Child Psychology*, George Mason University

2009 Spring Guest Lecturer, *Psychology Honors I*, George Mason University

2008 Spring Instructor, *Socioemotional Development*, George Mason University

2007 Fall Guest Lecturer, *History and Systems in Psychology*, George Mason University

2007 Spring Instructor, *Child Psychology*, George Mason University

2007 Spring Guest Lecturer, *Psychology Honors I*, George Mason University

2005 Fall Instructor, *Child Growth and Development*, University of Maryland

2004 Spring,
2003 Fall Guest Lecturer, *Human Development Through the Life Span*,
University of Maryland

2004 Spring,
2003 Fall,
2003 Spring Guest Lecturer, *The Study of Human Behavior*, University of Maryland

2003 Fall,
2002 Fall Guest Lecturer, *Child Growth and Development*, University of Maryland

2003 Summer,
2003 Spring,
2002 Fall Instructor, *Adolescent Development*, University of Maryland

2002 Spring Instructor, *The Study of Human Behavior*, University of Maryland

1999-2000 Supervisor, *Eleanor Roosevelt High School Internship*, University of Maryland

1998 Spring Teaching Assistant, *Human Behavior and the Developing Brain*,
Harvard University
Profs. Jerome Kagan, Francine Benes, and Kurt Fischer
Harvard University Certificate of Distinction in Teaching, Derek Bok Center.

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- 1997 Fall Teaching Assistant, *Human Development*, Harvard University
Prof. Michelle Leichtman
Harvard University Certificate of Distinction in Teaching, Derek Bok Center.
- 1994 Spring Teaching Assistant, *Educational Issues in Contemporary Society*,
Dartmouth College
Prof. Faith Dunne
- 1993-1995 Drill Instructor, *Spanish 1* and *Spanish 2*, Dartmouth College
Prof. Rodolfo Franconi, Alexander Levin, Sylvia Pitta, and Irma Vélez.

Students Supervised:

Doctoral Degree

- Ongoing Vanessa Olson—Committee Member
Todd Wyatt—Committee Member
Yana Segal—Committee Member
- 2008 Dhvani Patel—Committee Member

Masters Degree

- Ongoing Katherine Zinsser—Committee Member
- 2009 Deepti Gupta—Chair
- 2008 Yoon Kim—Committee Member
Lindsey Hutchinson—Committee Member
- 2007 Charlotte R. Anderson—Chair
Erin Richard—Committee Member

Undergraduate Honors Thesis

- Ongoing David Revilla—Committee Member
- 2009 Samantha Rumley—Committee Member
Carolina Loyola—Committee Member
- 2008 Kamal Ganjalikhani—Chair
Kimberly Day—Committee Member

APA Summer Fellow

- 2009 Luis A. Parra, California State University, Northridge