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Education:

Ph.D.	2006	Developmental Psychology Minor: Quantitative Methodology	University of Notre Dame
M.A.	2004	Developmental Psychology	University of Notre Dame
B.A.	2000	Psychology (magna cum laude)	University of Notre Dame

Professional Experience:

2008 - Present	Assistant Professor, Department of Psychology, College of Arts & Sciences, University of Kentucky.
2006 - 2008	Post-Doctoral Research Fellow, Department of Human Development and Family Studies, College of Human Sciences, Auburn University.
2007	Statistical Consultant, Department of Human Development and Family Studies, College of Human Sciences, Auburn University.
2000 - 2006	Research Assistant, Department of Psychology, College of Arts and Letters, University of Notre Dame.
2004 - 2005	Teaching Assistant, Department of Psychology, College of Arts & Letters, University of Notre Dame.
2002	Teaching Assistant, Department of Psychology, College of Arts & Letters, University of Notre Dame.

Honors and Awards:

Presentation Award, Pediatric Sleep Medicine Conference, 2008
Distinguished Scholar Award, University of Notre Dame, 2006
Gordon Conference Presentation Grant, University of Notre Dame, 2004 - 2006
Graduate Student Travel Grant, University of Notre Dame, 2002 - 2006
Dolores Zohrab Liebmann Fellowship Nominee, 2003
Presentation Award, Indiana Psychological Association, 2002
Senior Recognition Award in Psychology, University of Notre Dame, 2000

Research Support:

- 2009 Keller, P. S. (PI) & El-Sheikh, M. Parental Problem Drinking and Child Sleep: Family and Physiological Mechanisms of Risk (R21). \$410,628. Grant currently pending funding from NICHD and NHLBI. Score: 2.3; Percentile: 10.0.
- 2009-2014 El-Sheikh, M. (PI), Buchalt, J. A., Keller, P. S., Erath, S. A., & Keiley, M. *Sleep and Child Developmental Outcomes: Physiological and Contextual Influences (R01)*. \$3,648,455.
- 2009-2010 Keller, P. S. *Effects of Parental Problem Drinking on Child Hypothalamic-Pituitary-Adrenal Axis Activity*. NIH Loan Repayment Program.
- 2009-2010 Keller, P. S. (PI). *Marital Aggression and the Development of Problem Drinking: Psychological and Physiological Stress Response as Mechanisms of Risk*. \$14,945.44. Grant currently under review at the Center for Research on Violence Against Women. Project Mentor: Suzanne Segerstrom.

Departmental and University Service

- 2008-2009 Subject Use and Research Ethics Committee
- 2009 Judge, Oswald Research and Creativity Program
- 2009 Judge, 495 Department of Psychology Student Research Projects
- 2009 Statistical Consultation to Graduate Students and Faculty
- 2009 New Faculty Orientation Panel: What I Wish I Had Known
- 2009 Steering Committee, Children at Risk Research Cluster

Professional Affiliations:

Society for Research in Child Development
National Council on Family Relations
American Psychological Society

Additional Professional Activities:

Ad hoc Reviewer,

Child Development, 2007 – 2009
Developmental Psychology, 2007 – 2009
Development and Psychopathology, 2007
European Journal of Developmental Psychology, 2009
Journal of Early Adolescence, 2007
Journal of Family Psychology, 2006 – 2009
Sleep Medicine, 2008
Journal of Affective Disorders, 2009
Journal of Applied Developmental Psychology, 2009

Journal of Studies on Alcohol and Drugs, 2009

Reviewer,

Society for Research on Adolescence Panel 15 (Developmental Methodology), 2007
Society for Research on Child Development Panel 5 (Childhood: Emotional and Personality Processes), 2008

Additional Professional Training:

Research Statistics and Research Methodology

- 2007 Latent Growth Modeling, Department of Human Development and Family Studies, Auburn University.
- 2007 Survival Analysis, Department of Human Development and Family Studies, Auburn University.
- 2006 Minor in Quantitative Psychology, Department of Psychology, University of Notre Dame.
- 2006 Methods for Child & Adolescent Development and Family Processes, Department of Psychology, University of Notre Dame.
- 2006 New Methods for the Analysis of Family and Dyadic Processes, Center for Research on Families, University of Massachusetts, Amherst.

Teaching Philosophy and Instructional Methodology

- 2006 - 2007 Guest Lecturer, Department of Human Development and Family Studies, Auburn University.
- 2004 - 2006 Guest Lecturer, Department of Psychology, University of Notre Dame.
- 2005 Certification in the Practice and Philosophy of Teaching Psychology, Department of Psychology & John A. Kaneb Center for Teaching and Learning, University of Notre Dame.
- 2004 Wakonse Conference on College Teaching, Wakonse Foundation & University of Missouri Career Center, Miniwanca, MI.

Peer-Reviewed Publications:

- Keiley, M., Keller, P.S., & El-Sheikh, M. (in press). Effects of Physical and Verbal Aggression, Depression, and Anxiety on Drinking Behavior of Married Partners: A Prospective and Retrospective Longitudinal Examination. *Aggressive Behavior*.
- Keller, P. S., & El-Sheikh, M. (in press). Salivary alpha-amylase as a longitudinal predictor of children's externalizing symptoms: Respiratory sinus arrhythmia as a moderator of effects. *Psychoneuroendocrinology*.
- Keller, P. S., El-Sheikh, M., Keiley, M., & Liao, P. (in press). Longitudinal relations between marital aggression and alcohol problems. *Psychology of Addictive Behaviors*.
- Keller, P. S., El-Sheikh, M., & Buckhalt, J. A. (in press). Children's attachment to parents and their academic functioning: Sleep disruptions as moderators of effects. *Developmental and Behavioral Pediatrics*.
- El-Sheikh, M., Kouros, C. D., Erath, S. A., Keller, P. S., Cummings, E. M., & Staton, L. (in press). Marital conflict and children's externalizing behavior: Interactions between parasympathetic and sympathetic nervous system activity. *Monographs of the Society for Research in Child Development*.
- Klaczynski, P. A., Daniel, D. B., & Keller, P. S. (2009). Appearance idealization, body esteem, causal attributions, and ethnic variations in the development of obesity stereotypes. *Journal of Applied Developmental Psychology, 30, 537-551*.
- Buckhalt, J. A., El-Sheikh, M., Keller, P. S., & Kelly, R. J. (2009). Concurrent and longitudinal relationships between children's sleep and cognitive functioning: The moderating role of parent education. *Child Development, 80, 875-892*.
- Keller, P. S., Cummings, E. M., Peterson, K. M., & Davies, P. T. (2009). Marital conflict in the context of parental depressive symptoms: Implications for the development of children's adjustment problems. *Social Development, 18, 536 - 555*.
- Cummings, E. M., Schermerhorn, A. C., Keller, P. S., & Davies, P. T. (2008). Parental depressive symptoms, children's representations of family relationships, and child adjustment. *Social Development, 17, 278-305*.
- Keller, P. S., Cummings, E. M., Davies, P. T., & Mitchell, P. M. (2008). Longitudinal relations between parental drinking problems, family functioning, and child adjustment. *Development and Psychopathology, 20, 195-212*.

Peer-Reviewed Publications (continued):

- El-Sheikh, M., Buckhalt, J. A., Keller, P. S., & Granger, D. A. (2008). Children's objective and subjective sleep disruptions: Links with afternoon cortisol levels. *Health Psychology, 27*, 26-33.
- Keller, P. S., Cummings, E. M., Davies, P. T., & Lubke, G. (2007). Children's behavioral reactions to marital conflict as a function of exposure to parents' conflict behaviors and alcohol problems. *The European Journal of Developmental Psychology, 4*, 157-177.
- Cummings, E. M., El-Sheikh, M., Kouros, C. D., & Keller, P. S. (2007). Children's sympathetic nervous system arousal as a mechanism of risk in the context of parental depressive symptoms. *Journal of Child Psychology and Psychiatry, 48*, 436-445.
- El-Sheikh, M., Buckhalt, J. A., Keller, P. S., Cummings, E. M., & Acebo, C. (2007). Child emotional insecurity and academic achievement: The role of sleep disruptions. *Journal of Family Psychology, 21*, 29-38.
- El-Sheikh, M., Erath, S. A., & Keller, P. S. (2007). Children's sleep and adjustment: The moderating role of vagal regulation. *Journal of Sleep Research, 16*, 396-405.
- El-Sheikh, M., Keller, P. S., & Erath, S. A. (2007). Marital conflict and risk for child maladjustment over time: Skin conductance level reactivity as a vulnerability factor. *Journal of Abnormal Child Psychology, 35*, 715-727.
- Buckhalt, J. A., El-Sheikh, M., & Keller, P. S. (2007). Children's sleep and cognitive functioning: Race and socioeconomic status as moderators of effects. *Child Development, 78*, 213-231.
- El-Sheikh, M., Buckhalt, J. A., Cummings, E. M., & Keller, P. S. (2007). Sleep disruptions and emotional insecurity are pathways of risk for children. *Journal of Child Psychology and Psychiatry, 48*, 88-96
- Cummings, E. M., Keller, P. S., & Davies, P. T. (2005). Towards a family process model of maternal and paternal depressive symptoms: Exploring multiple relations with child and family functioning. *Journal of Child Psychology and Psychiatry, 46*, 479-489.
- Keller, P. S., Cummings, E. M., & Davies, P. T. (2005). The role of marital discord and parenting in relations between parental problem drinking and child adjustment. *Journal of Child Psychology and Psychiatry, 46*, 943-951.

Book Chapters:

- Keller, P. S., Cummings, E. M., & El-Sheikh, M. (in press). Hostility and aggression in the marital relationship: Links to children's cardiovascular reactivity and sensitization. In B. Swati & S. Saini (Eds.), *Anger, hostility, and aggression syndrome: Relationship with cardiac diseases and prevention by life style intervention*. New Delhi, India: I.K. International Publishers.
- Keller, P. S., Buckhalt, J. A., El-Sheikh, M. (2008). Links between family functioning and children's sleep. In A. Ivanenko (Ed.), *Sleep and Psychiatric Disorders in Children and Adolescents* (pp. 49-59). New York, NY: Informa Healthcare.
- Cummings, E. M., & Keller, P. S. (2007). How interparental conflict affects children. In S. M. Powell (Ed.), *Directions in Mental Health Counseling* (pp. 85 – 96). New York: Hatherleigh Press.
- Cummings, E. M., & Keller, P. S. (2006). Marital discord and children's emotional self-regulation. In D. K. Snyder, J. A. Simpson, & J. N. Hughes (Eds.), *Emotion regulation in couples and families: Pathways to dysfunction and health* (pp. 163 – 182). Washington, DC: American Psychological Association.
- Mitchell, P., Faircloth, W. B., & Keller, P. S. (2006). Marital conflict and the aftermath of divorce: Prevention programs for children. In J. Borkowski & C. Weaver (Eds.), *Prevention: The science and art of promoting healthy child and adolescent development* (pp. 241 – 268). Baltimore, MD: Brookes Publishing.

Manuscripts Submitted for Publication:

- Keller, P. S., El-Sheikh, M., Vaughn, B., & Granger, D. A. (2009). Children's Salivary Interleukin-6 and Secretory Immunoglobulin-A: Associations with Physical and Mental Health. Manuscript submitted for publication.
- Keller, P. S., & El-Sheikh, M. (2009). Children's emotional security and sleep: Longitudinal relations and directions of effects. Manuscript submitted for publication.
- Keller, P. S. (2009). Sleep and attachment. Manuscript submitted for publication.
- El-Sheikh, M., Erath, S. A., & Keller, P. S. (2009). Family conflict, autonomic nervous system functioning, and child adaptation: State of the science and future directions. Manuscript submitted for publication.

Professional Presentations:

- Buckhalt, J. A., El-Sheikh, M., & Keller, P. S. (2009, October). Sleep and cognitive functioning across two years: A moderating role for parent education. Poster presentation at the 5th Annual Pediatric Sleep Medicine Meeting, Denver, CO.
- Kouros, C. D., & Keller, P. S. (2009, April). *Dynamic associations between parents' and children's Psychopathology*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Kouros, C. D., Keller, P. S., & Cummings, E. M. (2009, April). Parental depressive symptoms and children's internalizing problems: A dynamic factor modeling approach. In C. D. Kouros & P. S. Keller (Chairs), *Dynamic associations between parents' and children's Psychopathology*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- El-Sheikh, M. & Keller, P. S. (2009, April). *Children's sleep: Familial and socio-cultural influences*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Keller, P. S., & El-Sheikh, M. (2009, April). Bidirectional relations between children's sleep and emotional security about family relationships. In M. El-Sheikh & P.S. Keller (Chairs), *Children's sleep: Familial and socio-cultural influences*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- El-Sheikh, M., Kouros, C. D., Erath, S. & Keller, P. S. (2009, April). Marital aggression and children's adjustment: Interactions between parasympathetic and sympathetic nervous system activity. In M.L. Sturge-Apple & P.T. Davies (Chairs), *Children's psychobiological functioning in the context of interpartner violence*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Keller, P. S., & El-Sheikh, M. (2009, April). Child reactions to inter-adult anger: Relations with couple alcohol consumption, parental problem drinking, and marital conflict. In W. K. K. Lam & W. Fals-Stewart (Chairs), *Children's responses to parental substance abuse and treatment approaches to benefit children in these homes*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Denver, CO.
- Golding, J. M., Hodell, E. C., Dunlap, E. E., Wasarhaley, N. E., & Keller, P. S. (2009). *Perceiving elder financial abuse in a mock jury context*. Presented at the American Psychology and Law Society Convention, San Antonio, TX.
- Keller, P. S., & Bradley, R. H. (2008, March). *Children's sleep problems and weight from ages 3 to 12: Attachment security as a moderator of associations*. Paper presented at the annual Pediatric Sleep Medicine Conference, Amelia Island, FL.

Professional Presentations (continued):

- Kelly, R. J., Keller, P. S., Staton, L. & El-Sheikh, M. (2008, March). *Children's sleep problems as a predictor of marital conflict*. Poster session presented at the annual Pediatric Sleep Medicine Conference, Amelia Island, FL.
- Keller, P. S., Kouros, C. D., George, M. R. W., Cummings, E. M., & Davies, P. T. (2007, March). *Parental depressive symptoms and children's emotional security*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- El-Sheikh, M., Buckhalt, J. A., & Keller, P. S. (2007, March). Children's emotional insecurity and their adjustment in multiple domains: The role of sleep disruptions. In M. El-Sheikh (Chair), *Carpe noctem: Family functioning and the sleep of infants, children, and adolescents*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- El-Sheikh, M., Keller, P. S., Buckhalt, J. A., & Cummings, E. M. (2007, March). Marital conflict, children's sleep, and adjustment problems: The role of vagal regulation. In M. El-Sheikh, & S. D. Calkins (Chairs), *Family functioning and the adjustment of infants and children: The role of physiological regulation*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- George, M. R. W., Keller, P. S., Koss, K. J., Rycyna, C. C., Davies, P. T., & Cummings, E. M. (2007, March). *Links between mother and child emotional reactions to marital conflict*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Kouros, C. D., & Keller, P. S. (2007, March). *The role of family processes in links between parental psychopathology and child outcomes*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Kouros, C. D., Keller, P. S., Mitchell, P. M., Davies, P. T., & Cummings, E. M. (2007, March). Parental problem drinking and children's emotional security. In C. D. Kouros & P. S. Keller (Chairs), *The role of family processes in links between parental psychopathology and child outcomes*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Staton, L. D., Keller, P. S., Wingo, B., Dumke, L. M., Buder, E. D., Minor, A., & El-Sheikh, M. (2007, March). *Marital conflict and post-traumatic stress: The mediating role of emotional insecurity*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Professional Presentations (continued):

- Buckhalt, J. A., El-Sheikh, M., & Keller, P. S. (2006, March). *Children's sleep and cognitive functioning: Race and socioeconomic status as moderators of effects*. Paper presented at the meeting of Pediatric Sleep Medicine 2006: Next Steps in Research, Patient Care, Policy, and Education, Amelia Island, FL.
- Keller, P. S., Kouros, C. D., Papp, L. M., & Cummings, E. M. (2006, March). *Multi-level modeling as an alternative analysis for observational data: The case of adolescent responding to marital conflict*. Poster session presented at the biennial meeting of the Society for Research on Adolescence, San Francisco, CA.
- Keller, P. S., McCoy, K. P., Peterson, K., Ortiz, V., Cummings, E. M., & Davies, P. T. (2005, April). *Children's exposure to parental dysphoria: Implications for emotional security in the interparental subsystem*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Peterson, K., Keller, P. S., McCoy, K. P., Willems, A., Cummings, E. M., & Davies, P. T. (2005, April). *Marital conflict and child adjustment in families with dysphoric parents: A longitudinal study*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.
- Peterson, K., & Keller, P. S. (2004, April). *The role of marital conflict in families with depressed parents*. Poster session presented at the biennial meeting of the Society for the Study of Human Development, Washington D.C.
- Cummings, E. M., & Keller, P. S. (2004, February). *Marital discord and children's emotional self-regulation*. Paper presented at the Conference on Emotion Regulation in Families, College Station, TX.
- Keller, P. S., Quill, S., & DeSapio, S. (2003, April). *Marital conflict as a possible link between parental problem drinking and child adjustment*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Keller, P. S., Mercy, K., & Harty, K. (2003, April). *Parental emotions during marital conflict: Links to children's emotional reactions to conflict and adjustment*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Keller, P. S., Mitchell, P., DeCarlo, C., Jacob, M., & Dunn, M. (2002, November). *Emotions during marital interactions: Links to depression and marital conflict*. Poster session presented at the biennial meeting of the Indiana Psychological Association, Indianapolis, IN.

Professional Presentations (continued):

De Arth Pendley, G., Faircloth, W. B., Lindstedt, K. L., & Keller, P. S. (2002, April). *The relationship between domestic violence and children's emotional security*. Poster session presented at the biennial meeting of the Society for Research on Adolescence, New Orleans, LA.

Keller, P. S., Lindstedt, K. L., Iverson, K., & Wilberg, B. C. (2001, October). *Emotional reactions to marital conflict and marital satisfaction, editing behaviors, and marital attachment*. Poster session presented at the biennial meeting of the Society for the Study of Human Development, Ann Arbor, MI.

Shamir, H., Keller, P. S., Keller, A. M., Moses, A., Iverson, K., & Schermerhorn, A. (2001, April). *Assessing the reliability and validity of the FAST-R: A measure of children's representations of family systems*. Poster session presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.

Keller, A. M., Keller, P. S., & Faircloth, W. B. (2001, April). *Significance as a predictor of parents' and children's emotional and behavioral responding to marital conflict*. Poster session presented at the biennial meeting of the Society for the Study of Human Development, Minneapolis, MN.

Teaching Interests:

Affective Development
Abnormal Child Development
Family Psychology
Basic or Advanced Statistics

Courses Taught:

PSY 216 Applications of Statistics in Psychology
PSY 611 Psychological Research (Statistics II)
PSY 780 Structural Equation Modeling

Research Interests:

Alcohol Problems
Family Relationships
Affective Child Development
Self-Regulation
Psychophysiology

References:

Available upon request.