

Camelia E. Hostinar, Ph.D.

CURRICULUM VITAE

Department of Psychology
University of California, Davis
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EMPLOYMENT HISTORY

Since 03/2016: Assistant Professor, Psychology Department
University of California, Davis

EDUCATION

- 2013 - 2016 Postdoctoral Scholar, Institute for Policy Research, Northwestern University
Advisor: Prof. Gregory E. Miller
- 2008 - 2013 Ph.D., University of Minnesota, Institute of Child Development
Developmental Psychology Major, Neuroscience Minor
Advisor: Prof. Megan R. Gunnar; Co-advisor: Prof. Dante Cicchetti
M.A., Child Psychology (2010)
- 2004 - 2008 B.S., Psychology, Summa cum Laude, Honors College, Towson University
2003 - 2004 "Alexandru Ioan Cuza" University, Iasi, Romania

HONORS AND AWARDS

- 2016 Elected Early Career Representative for APA Division 7 (Developmental)
- 2016 Newsworthy Abstract, American Psychosomatic Society Annual Meeting
- 2015 Association for Psychological Science Rising Star Award
- 2015 Society for Research in Child Development Outstanding Dissertation Award
- 2014 Best Dissertation in Social and Behavioral Sciences (Univ. of Minnesota)
- 2014 Newsworthy Abstract, American Psychosomatic Society Annual Meeting
- 2013 Society for Research in Child Development Travel Award
- 2013 Center for Neurobehavioral Developmental Travel Award (Univ. of Minnesota)
- 2012 Hauge Fellowship for Academic Achievement (Univ. of Minnesota)
- 2012 Center for Neurobehavioral Developmental Travel Award (Univ. of Minnesota)
- 2011 University of Minnesota Graduate School Fellowship
- 2011 National Academy of Sciences Sackler Colloquium Travel Award
- 2011 College of Education & Human Development Travel Award (Univ. of Minnesota)
- 2010 Eva O. Miller Graduate School Fellowship
- 2008-2010 University of Minnesota Graduate School Fellowship
- 2008 Valedictorian, Towson University Liberal Arts College
- 2008 Distinguished Psi Chi Graduate Award (Towson University)
- 2007 Psi Chi Honors Society Membership
- 2006 APA Summer Science Institute Trainee
- 2004-2008 Dean's List (Towson University)
- 2004-2008 International Student Debate Scholarship (Towson University)

RESEARCH GRANT FUNDING

- 2014 NIH F32 Award (Postdoctoral NRSA) –“Self-regulation as a health-protective factor in adverse socioeconomic conditions”; Agency: National Institute of Child Health and Human Development; Grant: 1F32HD078048-01A1 (Total: \$155,562)
- 2014 NSF Conference Grant –"The neurodevelopment of stress regulation, social buffering and fear learning: Integration and crosstalk" (Total: \$222,150; 3 years); Role: Consultant
- 2011 NIMH Early Experience and Stress Neurobiology Center Seed Grant –“The impact of childhood maltreatment on markers of inflammation and HPA axis function: A model of psycho-neuro-immune interactions”; Role: Co-PI, with K. Bernard, Stony Brook University (Total: \$15,704)
- 2010 Early Experience and Stress Neurobiology Center Seed Grant –“Social support and affect regulation as modulators of the stress response in children and adolescents”; Role: Co-PI; with A.E. Johnson, University of Minnesota (Total: \$4000)
- 2009 Institute of Child Development Small Research Grant (Total: \$700)
- 2008 Towson University Undergraduate Research Grant (Total: \$500)
- 2007 Towson University Undergraduate Research Stipend (Total: \$1000)

PUBLICATIONS

30. **Hostinar, C. E.**, Ross, K. M., Chen, E., & Miller, G. E. (in press). Early-life socioeconomic disadvantage and metabolic health disparities. *Psychosomatic Medicine*.
29. **Hostinar, C. E.**, Ross, K. M., Chan, M., Chen, E., & Miller, G. E. (accepted). Threat vigilance and socioeconomic disparities in metabolic health. *Development and Psychopathology*.
28. **Hostinar, C. E.**, Nusslock, R., & Miller, G. E. (in press). Future directions in the study of early-life stress, physical and emotional health: Implications of the neuroimmune network hypothesis. *Journal of Clinical Child and Adolescent Psychology*. [Epub: <http://dx.doi.org/10.1080/15374416.2016.1266647>]
27. **Hostinar, C. E.**, Davidson, R. J., Graham, E. K., Mroczek, D. K., Lachman, M. E., Seeman, T. E., & Miller, G. E. (in press). Frontal brain asymmetry, childhood maltreatment, and low-grade inflammation at midlife. *Psychoneuroendocrinology*. [Epub: <http://dx.doi.org/10.1016/j.psyneuen.2016.10.026>]
26. Deer, L. K., Bernard, K., & **Hostinar, C. E.** (in press). The influence of maternal stress and child maltreatment on offspring. In L. Welling & T. Shackelford, *Oxford Handbook on Evolutionary Psychology and Behavioral Endocrinology*.
25. Burkholder, A. R., Koss, K. J., **Hostinar, C. E.**, Johnson, A. E., & Gunnar, M. R. (2016). Early life stress: Effects on the regulation of anxiety expression in children and adolescents. *Social Development, 25*(4), 777-793.
24. **Hostinar, C. E.**, Lachman, M. E., Mroczek, D., Seeman, T. E., & Miller, G. E. (2015).

- Additive roles of childhood adversity and recent stressors in explaining inflammation at midlife: Findings from the MIDUS study. *Developmental Psychology*, *51*(11), 1630-1644.
23. **Hostinar, C. E.**, Johnson, A. E., & Gunnar, M. R. (2015). Early social deprivation and the social buffering of cortisol stress responses in late childhood: An experimental study. *Developmental Psychology*, *51*(11), 1597-1608.
 22. **Hostinar, C. E.** (2015). Recent developments in the study of social relationships, stress responses, and physical health. *Current Opinion in Psychology*, *5*, 90-95.
 21. Gunnar, M. R., **Hostinar, C. E.**, Sanchez, M. M., Tottenham, N., & Sullivan, M. R. (2015). Parental buffering of fear and stress neurobiology: Reviewing parallels across rodent, monkey, and human models. *Social Neuroscience*, *10*(5), 474-478.
 20. Gunnar, M. R., & **Hostinar, C. E.** (2015). The social buffering of the hypothalamic-pituitary-adrenocortical axis in humans: Developmental and experiential determinants. *Social Neuroscience*, *10*(5), 479-488.
 19. Doom, J. R., **Hostinar, C. E.**, VanZomeren-Dohm, A., & Gunnar, M. R. (2015). The roles of puberty and age in explaining the diminished effectiveness of parental buffering of HPA reactivity and recovery in adolescence. *Psychoneuroendocrinology*, *59*, 102-111.
 18. **Hostinar, C. E.**, Ross, K. M., Chen, E., & Miller, G. E. (2015). Modeling the association between lifecourse socioeconomic disadvantage and systemic inflammation in healthy adults: The role of self-control. *Health Psychology*, *34*(6), 580-90.
 17. **Hostinar, C. E.** & Gunnar, M. R. (2015). Social support can buffer against stress and shape brain activity. *American Journal of Bioethics –Neuroscience*, *6*(3), 34-42.
 16. Bernard, K., **Hostinar, C. E.**, & Dozier, M. (2015). Intervention effects on diurnal cortisol rhythms of CPS-referred infants persist into early childhood: Preschool follow-up results of a randomized clinical trial. *JAMA Pediatrics*, *169*(2), 112-9.
 15. **Hostinar, C. E.**, Johnson, A. E., & Gunnar, M. R. (2015). Parent support is less effective in buffering cortisol stress responses for adolescents compared to children. *Developmental Science*, *18*(2), 281-297.
 14. **Hostinar, C. E.**, McQuillan, M. T., Mirous, H. J., Grant, K. E., & Adam, E. K. (2014). Cortisol responses to a Group Public Speaking Task for Adolescents: Variations by age, gender, and race. *Psychoneuroendocrinology*, *50*, 155-66.
 13. Koss, K., **Hostinar, C. E.**, Donzella, B., & Gunnar, M. R. (2014). Social deprivation and the HPA axis in early development. *Psychoneuroendocrinology*, *50*, 1-13.
 12. **Hostinar, C. E.**, Cicchetti, D., & Rogosch, F. A. (2014). Oxytocin receptor gene polymorphism, perceived social support, and psychological symptoms in maltreated adolescents. *Development and Psychopathology*, *26*(2), 465-77.

11. Carlson, E. A., **Hostinar, C. E.**, & Gunnar, M. R. (2014). The emergence of attachment following early social deprivation. *Development and Psychopathology*, 26(2), 479-89.
10. Lawler, J. M., **Hostinar, C. E.**, & Gunnar, M. R. (2014). Disinhibited social approach in post-institutionalized children: Differentiating normal from atypical behavior. *Development and Psychopathology*, 26(2), 451-64.
9. **Hostinar, C. E.**, Sullivan, R. M., & Gunnar, M. R. (2014). Psychobiological mechanisms underlying the social buffering of the HPA axis: A review of animal models and human studies across development. *Psychological Bulletin*, 140(1), 256-282.
8. Lucas-Thompson, R. G., & **Hostinar, C. E.** (2013). Family income and appraisals of parental conflict as predictors of psychological adjustment and diurnal cortisol in emerging adulthood. *Journal of Family Psychology*, 27(5), 784-94.
7. **Hostinar, C. E.**, & Gunnar, M. R. (2013). The developmental effects of early life stress: A review of current theoretical frameworks. *Current Directions in Psychological Science*, 22(5), 400-406.
6. **Hostinar, C. E.**, & Gunnar, M. R. (2013). Future directions in the study of social relationships as regulators of the HPA axis across development. *Journal of Clinical Child & Adolescent Psychology*, 42(4), 564-75.
5. **Hostinar, C. E.** & Gunnar, M. R. (2013). The developmental psychobiology of stress and emotion in childhood. In I. B. Weiner, D. K. Freedheim, & R. M. Lerner (Eds.), *Handbook of Psychology* (2nd edition, pp. 121-141). Hoboken, NJ: Wiley.
4. **Hostinar, C. E.**, Stellern, S. A., Schaefer, C., Carlson, S. M., & Gunnar, M. R. (2012). Associations between early life adversity and executive function in children adopted internationally from orphanages. *Proceedings of the National Academy of Sciences USA*, 109(2), 17208-12.
3. Güler, E. O., **Hostinar C. E.**, Frenn, K. A., Nelson, C. A., Gunnar, M. R., & Thomas, K. M. (2012). Electrophysiological evidence of altered memory processing in children experiencing early deprivation. *Developmental Science*, 15(3), 345-58.
2. Osterholm, E. A., **Hostinar, C. E.**, & Gunnar, M. R. (2012). Alterations in stress responses of the hypothalamic-pituitary-adrenal axis in small-for-gestational-age infants. *Psychoneuroendocrinology*, 37(10), 1719-25.
1. Gunnar, M. R., Herrera, A., & **Hostinar, C. E.** (2009). Stress and early brain development. In R. E. Tremblay, R. G. Barr, R. D. Peters, & M. Boivin (Eds.), *Encyclopedia on Early Childhood Development* (pp. 1-8). Montreal, Quebec: Centre of Excellence for Early Childhood Development.

MANUSCRIPTS UNDER REVIEW

Boggero, I. A., **Hostinar, C. E.**, Haak, E., Murphy, M., Miller, G. E., Segerstrom, S. C. (under

review). Psychological predictors of the cortisol awakening response: Meta-analysis, *p*-curve analysis, and evaluation of the evidential value in existing studies. *Biological Psychology*.

CONFERENCE PRESENTATIONS

28. Tavernier, R., **Hostinar, C. E.**, Heissel, J., Grant, K., & Adam, E. K. (2016, April). *Objective sleep hours and quality predict diurnal cortisol patterns and reactivity to a group social stress task*. Paper presented at the Society for Research on Adolescence meeting in Baltimore, MD.
27. **Hostinar, C. E.**, Ross, K. M., Chen, E., & Miller, G. E. (2016, March). *Metabolic Syndrome symptoms are associated with childhood disadvantage*. Paper presented at the American Psychosomatic Society Annual Meeting in Denver, CO. "Newsworthy Abstract" released to the press by organizers.
26. **Hostinar, C. E.**, Davidson, R. J., Seeman, T. E., Mroczek, D. K., Lachman, M. E., & Miller, G. E. (2015, October). *Frontal EEG asymmetry and childhood maltreatment history predict systemic inflammation in middle-aged adults*. Poster presented at the Society for Neuroscience conference in Chicago, IL.
25. **Hostinar, C. E.**, & Miller, G. E. (2015, May). *Does spousal solidarity moderate the effects of adverse childhood experiences on inflammation at midlife?* Paper presented at the Association for Psychological Science Convention in New York City, NY.
24. **Hostinar, C. E.**, & Miller, G. E. (2015, March). *Additive roles of childhood adversity and recent stressors in predicting inflammation at midlife: Findings from the MIDUS study*. Paper presented at the SRCD Biennial Meeting in Philadelphia, PA.
23. **Hostinar, C. E.**, & Gunnar, M. R. (2015, March). *Developmental changes in the social buffering of the HPA axis by caregivers in humans*. Paper presented at the SRCD Biennial Meeting in Philadelphia, PA.
22. Koss, K. J., **Hostinar, C. E.**, Donzella, B., & Gunnar, M. R. (2015, March). *Cortisol reactivity in post-institutionalized children following adoption*. Paper presented at the SRCD Biennial Meeting in Philadelphia, PA.
21. Doom, J. R., VanZomeren-Dohm, A., **Hostinar, C. E.** & Gunnar, M. R. (2015, March). *Puberty, age, and depressive symptoms contribute to stress reactivity and sensitivity to parental support in adolescence*. Paper presented at the SRCD Biennial Meeting in Philadelphia, PA.
20. Burkholder, A., **Hostinar, C. E.**, Johnson, A. E., Koss, K. J., & Gunnar, M. R. (2015, March). *Early life stress: Effects on emotion expression regulation in children and adolescents*. Poster presented at the SRCD Biennial Meeting in Philadelphia, PA.
19. Boggero, I. A., **Hostinar, C. E.**, Miller, G. E., & Segerstrom, S. C (2015, March). Lower

cortisol awakening response is associated with worse psychosocial functioning: Results from a p-curve study. Poster presented at the American Psychosomatic Society Annual Meeting in Savannah, GA.

18. Gunnar, M. R., & **Hostinar, C. E.** (2014, November). *The social buffering of the HPA axis in humans: Developmental and experiential determinants*. Paper accepted for presentation at the Society for Social Neuroscience meeting in Washington, DC.
17. McQuillan, M., **Hostinar, C. E.**, Mirous, H., Grant, K. & Adam, E. K. (2014, August). *Validation of the Trier Social Stress Test for Groups in a diverse sample of adolescents: Variations by age, gender, and race*. Poster presented at the biennial meeting for the International Society of Psychoneuroendocrinology, Montreal, Canada.
16. **Hostinar, C. E.**, Ross, K. M., Chen, E., & Miller, G. E. (2014, March). *Childhood family environment, self-control, and abdominal adiposity as explanatory factors for the association between socioeconomic adversity and systemic inflammation*. Paper presented at the American Psychosomatic Society Annual Meeting in San Francisco, CA. "Newsworthy Abstract" released to the press by organizers.
15. Johnson, A. E., & **Hostinar, C. E.** (2014, March). *Emotion regulation and early adversity: Associations with cortisol stress reactivity before and after the pubertal transition*. Poster presented at the Society for Research on Adolescence Meeting in Austin, TX.
14. **Hostinar, C. E.**, Johnson, A. E., & Gunnar, M. R. (2013, April). *Parent support dampens cortisol stress reactivity in children but not adolescents*. Paper presented at the SRCD Biennial Meeting in Seattle, WA.
13. Gunnar, M. R., & **Hostinar, C. E.** (2013, April). *An overview of current theoretical frameworks on stress and disease*. Paper presented at the SRCD Biennial Meeting in Seattle, WA.
12. Johnson, A. E., **Hostinar, C. E.**, & Gunnar, M. R. (2013, April). *Early life stress and psychosocial stress reactivity before and after the pubertal transition*. Paper presented at the SRCD Biennial Meeting in Seattle, WA.
11. Pintar, A. I., **Hostinar, C. E.**, Frenn, K. A., Donzella, B., & Gunnar, M. R. (2013, April). *EEG power and behavioral measures of self-regulation in post-institutionalized children*. Poster accepted for presentation at the SRCD Biennial Meeting in Seattle, WA.
10. **Hostinar, C. E.**, Osterholm, E. A., & Gunnar, M. R. (2012, June). *Alterations in cortisol stress responses in small for gestational age neonates*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
9. **Hostinar, C. E.**, Doom, J. R., Mliner, S. B., & Gunnar, M. R. (2012, June). *The effects of early life stress and parenting characteristics on stress physiology in early childhood*. Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
8. Lawler, J. M., **Hostinar, C. E.**, & Gunnar, M. R. (2012, June). *Parenting quality among*

international adoption families. Paper presented at the International Conference on Infant Studies, Minneapolis, MN.

7. **Hostinar, C. E.**, Mliner, S. B., & Gunnar, M. R. (2011, November). *Parenting dimensions impacting HPA axis function during recovery from early life stress*. Paper presented at the International Society for Developmental Psychobiology, Washington, DC.
6. Lawler, J. M., **Hostinar, C. E.**, & Gunnar, M. R. (2011, November). *HPA functioning soon after adoption predicts continuing indiscriminate friendliness behavior in internationally adopted children*. Paper presented at the International Society for Developmental Psychobiology, Washington, DC.
5. Gunnar, M. R., & **Hostinar, C. E.** (2011, December). *The developmental effects of early life stress: Adaptations or impairments?* Paper presented at the Sackler Colloquium of the National Academy of Sciences, Irvine, CA.
4. **Hostinar, C. E.**, Frenn, K. A., McQuillan, M. T., Schaefer, C., Carlson, S. M., & Gunnar, M. R. (2011, March). *Executive function deficits in post-institutionalized children one year after adoption*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Canada.
3. **Hostinar, C. E.**, Mliner, S. B., & Gunnar, M. R. (2010, March). *The emergence of secure attachment and indiscriminate friendliness in post-institutionalized adopted children*. Poster presented at the International Conference on Infant Studies, Baltimore, MD.
2. **Hostinar, C. E.**, & Johnson, C. T. (2010, March). *The relationship between depression, personality, and the cortisol response to psychological stress*. Poster presented at the Eastern Psychological Association Annual Conference, New York, NY.
1. **Hostinar, C. E.**, & Brand, B. L. (2007, April). *Trauma prevalence among college students*. Poster presented at the Johns Hopkins Bloomberg School of Public Health Conference for the Dissemination of Research on Addiction, Infectious Disease and Public Health, Baltimore, MD.

INVITED TALKS AND COLLOQUIA

- 2017 “Social Buffering of Stress: Implications for Development and Health” (UCLA Psychology Department)
- 2016 “Social Buffering of Stress as a Mechanism of Resilience” (UC Consortium on Health, UCLA Arrowhead Conference Center)
- 2016 “The social buffering of stress responses: Developmental and experiential determinants” (University of California –Merced, Department of Psychology)
- 2014 “Early-life stress effects on factors affecting decision-making in children and adolescents” (University of Edinburgh, United Kingdom; with Megan R. Gunnar)
- 2013 “Social relationships as stress regulators across development” (University of California, Riverside)
- 2013 “The impacts of social support and early life stress on stress reactivity in children and adolescents (University of Minnesota, Institute of Child Development, Public Dissertation Defense)

2009 “The impact of institutional deprivation on continuous recognition memory: An electrophysiological investigation” (University of Minnesota, Institute of Child Development Departmental Colloquium)

UNDERGRADUATE THESIS MENTORING

Amanda Burkholder, “Early life stress: Effects on emotion self-regulation in children and adolescents” (August 12, 2013)
Alyssa Pintar, “Relations between early deprivation, EEG power, and disinhibited social approach in post-institutionalized children” (April 30, 2012)
Cassandra Eveans, “Investigating sensory integration problems in post-institutionalized children. Implications for adoption” (April 26, 2010)

TEACHING

University of California –Davis, Assistant Professor (*Health Psychology*), March –June, 2016
University of Minnesota, Instructor (*Research Methods*), September-December 2011
University of Minnesota, Instructor (*Introduction to Child Psychology*), January-May 2011
University of Minnesota, Teaching Assistant (*Research Methods*), May-Aug., Sept.-Dec. 2010
University of Minnesota, Teaching Assistant (*Language Development*), January-May 2009
Towson University, Teaching Assistant (*Abnormal Psychology*), September-December 2006
Towson University, Teaching Assistant (*Cognitive Psychology*), September-December 2006

SPECIALIZED TRAINING

Phlebotomy Training (Foundations of Health Research Center, Northwestern, Sept.-Dec. 2013)
NIMH Early Experience, Stress & Neurobehavioral Development Trainee: 2009-2014
NIH and NSF Grant Writing Seminar (Megan R. Gunnar): January-May, 2011 & 2012
Cortisol Immunoassay Training (Kathleen Storey): October 6-7, 2011
Processing EEG/ERP Data (Nathan Fox & Connie Lamm): June 23-24, 2010; April 28-29, 2011
Strange Situation Attachment Behavior Coding (Alan Sroufe & Elizabeth Carlson): July, 2009
Attachment Behavior Q-sort Training (German Posada, Purdue University): February-May, 2009

JOURNAL PEER REVIEWS

Biological Psychology
Brain, Behavior, and Immunity
Child Development
Child Development Perspectives
Development and Psychopathology
Developmental Psychobiology
Developmental Psychology
Developmental Science
International Journal of Behavioral Development
Journal of Abnormal Child Psychology
Journal of Child Psychology and Psychiatry
Journal of Developmental and Behavioral Pediatrics
Journal of Nervous and Mental Disease
Journal of Research on Adolescence

Neuropsychopharmacology
Physiology and Behavior
PLOS One
Proceedings of the National Academy of Sciences –USA
Psychoneuroendocrinology
Stress

DEPARTMENTAL AND UNIVERSITY SERVICE

2008-2013 Visiting Scholars and Colloquium Committee (University of Minnesota)
2009, 2012 Prospective Student Visit –Graduate Student Panel (University of Minnesota)
2007-2008 Student Representative, College of Liberal Arts Council (Towson University)
2006-2007 Speech and Debate Team Vice-President (Towson University)
2006-2007 President, Local Chapter of National Forensic Honor Society (Towson University)

PROFESSIONAL SOCIETIES

Society for Research in Child Development
American Psychological Association, Division 7 (Developmental Psychology)
American Psychosomatic Society
International Society for Developmental Psychobiology