

LillyBelle K. Deer  
Ph.D. Candidate

**CURRICULUM VITAE**

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Department of Psychology  
Center for Mind and Brain  
University of California, Davis

E-mail: lkdeer@ucdavis.edu  
Phone: 808-292-6801  
Address: 2325 3<sup>rd</sup> Avenue,  
Sacramento, CA 95818

**CAREER HISTORY**

Sep 2016 - Present: Social Environment and Stress Lab – Davis, CA – Graduate Researcher

Jan 2015 - Jun 2017: The Berger Institute for Work, Family, & Children – Claremont, CA –  
Research Assistant

Jan 2014 - Jul 2015: The Claremont Autism Center – Claremont, CA – Research Assistant and  
Student Therapist

Sep 2013 - May 2015: The Center for Applied Psychological Research at Claremont McKenna  
College – Claremont, CA – Research Assistant

**EDUCATION**

2016 - Present: Ph.D. Developmental Psychology, University of California, Davis  
(expected graduation: Spring 2021)  
Advisor: Dr. Camelia Hostinar  
M.A., Developmental Psychology (2018)

2011 - 2015: B.A., Psychology, Claremont McKenna College, Honors in Psychology

**HONORS AND AWARDS**

2019	Summer Research Fellowship (UC Davis)
2019	Society for Research in Child Development Graduate Student Travel Award
2017	Spring Dukes Travel Award (UC Davis)
2016	First-Year Fellowship for Academic Excellence (UC Davis)
2015	The John and Bonnie Snortum Award for Distinctive Character (Claremont McKenna College)
2015	Bill Dickinson Award (Claremont McKenna College)
2015	Critchell Leadership Award (Claremont McKenna College)
2014-2015	College Swimming Coaches Association of America Scholar All American

## PUBLICATIONS

10. **Deer, L. K.**, Shields, G. S., Alen, N. V., & Hostinar, C. E. (2021). Curvilinear associations between family income in early childhood and the cortisol awakening response in adolescence. *Psychoneuroendocrinology*, 129, 105237.  
<https://doi.org/10.1016/j.psyneuen.2021.105237>
  
9. Alen, N. V., **Deer, L. K.**, Karimi, M., Feyzieva, E., Hastings, P. D., & Hostinar, C. E. (2021, in press). Children's altruism following acute stress: The role of autonomic nervous system activity and social support. *Developmental Science*.  
<https://doi.org/10.1111/desc.13099>
  
8. Shields, G. S., **Deer, L. K.**, Hastings, P. D., & Hostinar, C. E. (2021, in press). Adiposity, inflammation, and working memory: Longitudinal evidence for a vicious cycle. *Brain, Behavior, and Immunity – Health*, 13, 100202.  
<https://doi.org/10.1016/j.bbih.2021.100202>
  
7. Parenteau, A. M., Alen, N. V., **Deer, L. K.**, Nissen, A. T., Luck, A. T., & Hostinar, C. E. (2021). Parenting matters: Parents can reduce or amplify children's anxiety and cortisol responses to acute stress. *Development and Psychopathology*, 32, 1799-1809. doi:  
<https://doi.org/10.1017/S0954579200001285>
  
6. **Deer, L. K.**, Hastings, P. D., & Hostinar, C. E. (2020). The role of childhood executive function in explaining income disparities in long-term academic achievement. *Child Development*, 91(5), e1046-e1063. <https://doi.org/10.1111/cdev.13383>
  
5. Alen, N. V., **Deer, L. K.**, & Hostinar, C. E. (2020). Autonomic nervous system activity predicts increasing serum inflammatory cytokines in children. *Psychoneuroendocrinology*, 119, 104745.  
<https://doi.org/10.1016/j.psyneuen.2020.104745>
  
4. **Deer, L. K.**, Bernard, K., & Hostinar, C. E. (2019). The influence of maternal stress and child maltreatment on the developing HPA axis. In L. L. M. Welling & T. K. Shackelford (Eds.), *Oxford Handbook on Evolutionary Psychology and Behavioral Endocrinology* (pp. 161-177). New York: Oxford University Press.  
<https://doi.org/10.1093/oxfordhb/9780190649739.013.9>
  
3. **Deer, L. K.**, Shields, G. S., Ivory, S. L., Hostinar, C. E., & Telzer, E. H. (2018). Racial/ethnic disparities in cortisol diurnal patterns in affect in adolescence. *Development and Psychopathology*, 30(5), 1977-1993. <https://doi.org/10.1017/S0954579418001098>
  
2. **Deer, L. K.**, Kanaya, T., & Gohn, K. (2018). Anxiety and self-efficacy as sequential mediators in U.S. college students' career preparation. *Education + Training*, 60(2), 185-197. <https://doi.org/10.1108/ET-07-2017-0096>
  
1. Scurich, N., Krauss, D., Reiser, L., Garcia, N., & **Deer, L. K.** (2015). Venire jurors' perception of adversarial allegiance. *Psychology, Public Policy, and Law*, 21, 161-168.  
<https://doi.org/10.1037/law0000042>

### *Under review*

Alen, N. V., **Deer, L. K.**, & Hostinar, C. E. (review invited, submitted). Respiratory sinus arrhythmia as a resilience marker in children's health. *Psychosomatic Medicine*.

### *In prep*

**Deer, L. K.**, Alen, N. V., Umana Linares, J., Parenteau, A. M., Nissen, A. T., & Hostinar, C. E. (in prep). The effects of acute stress and parent support on executive function performance in children: An experimental study.

Parenteau, A. M., Alen, N. V., **Deer, L. K.**, La, J., Luck, A. T., & Hostinar, C. E. (in prep). Air pollution and serum Interleukin-6 in children.

Shields, G. S., **Deer, L. K.**, Bitler, M., & Hostinar, C. E. (in prep). Leveraging education requirement policy change in England to test the impact of parental education on long-term child educational and mental health outcomes.

### CONFERENCE PRESENTATIONS

19. Patwardhan, B. P., Parenteau, A. M., **Deer, L. K.**, Alen, N. V., Nissen, A. T., & Hostinar, C. E. (2021). Relation between parent perception of child emotion regulation and parent behavior. Poster presented at the Western Psychological Association Annual Conference, Online Format, April 28-30.
18. Parenteau, A. M., Alen, N. V., **Deer, L. K.**, Nissen, A. T., La, J., Luck, A., & Hostinar, C. E. (2021). Air pollution and serum Interleukin-6 in children. Poster presented at the Society for Research in Child Development Virtual Biennial Conference, Online Format, April 7-9.
17. Mashash, M., Hostinar, C. E., **Deer, L. K.**, & Hastings, P. D. (2021). Concurrent and transactional associations between obesity, inflammation, and depressive symptoms across adolescence: Moderation by sex. Poster presented at the Society for Research in Child Development Virtual Biennial Conference, Online Format, April 7-9.
16. Alen, N.V., **Deer, L. K.**, Parenteau, A. M., & Hostinar, C. E. (2021). High respiratory sinus arrhythmia: A physiological marker of resilience against health problems associated with low socioeconomic status. Section of a symposium presented at the Society for Research in Child Development Virtual Biennial Conference, Online Format, April 7-9.
15. Shields, G. S., **Deer, L. K.**, Hastings, P. D., & Hostinar, C. E. (2020, conference cancelled due to COVID-19). Curvilinear associations between childhood income and the cortisol awakening response in adolescence. Society for Research on Adolescence Biennial Meeting, San Diego, March 19-21.
14. Alen, N. N., **Deer, L. K.**, Karimi, M., & Hostinar, C. E. (2020, conference cancelled due to COVID-19). Cardiac Autonomic Balance and inflammatory response to stress in

- children. Annual Meeting of the American Psychosomatic Society, Long Beach, CA, March 11-14.
13. Parenteau, A. M., La., J., Luck, A., **Deer, L. K.**, Alen, N. V., & Hostinar, C. E. (2020, conference cancelled due to COVID-19). Air pollution and serum Interleukin-6 in children. Annual Meeting of the American Psychosomatic Society, Long Beach, CA, March 11-14.
  12. Shields, G. S., **Deer, L. K.**, Hastings, P. D., & Hostinar, C. E. (2020, conference cancelled due to COVID-19). Curvilinear associations between childhood income and the cortisol awakening response in adolescence. Annual Meeting of the American Psychosomatic Society, Long Beach, CA, March 11-14.
  11. Hostinar, C. E., Alen, N. V., & **Deer, L. K.** (2019). Tend-and-befriend tendencies in children following acute stress: The role of respiratory sinus arrhythmia in altruism. Paper presented at the International Society for Developmental Psychobiology meeting, Chicago, Illinois, October 16-18.
  10. **Deer, L. K.**, Shields, G. S., Ivory, S. L., Hostinar, C. E., & Telzer, E. H. (2019). Does affect explain racial/ethnic differences in diurnal cortisol? A Daily Diary study. Section of a symposium presented at the Society for Research in Child Development Biennial Conference, Baltimore, Maryland, March 20-23.
  9. Mashash, M., Hostinar, C. E., **Deer, L. K.**, Hastings, P. D. (2019). Differential effects of type and timing of childhood adversity on inflammatory processes in adolescence. Poster presented at the Society for Research in Child Development Biennial Conference, Baltimore, Maryland, March 20-23.
  8. **Deer, L. K.**, Hastings, P. D., & Hostinar, C. E. (2018). Early-life socioeconomic status, self-regulation, and long-term academic outcomes. Section of a symposium presented at the Association for Psychological Science Annual Conference, San Francisco, May 24-27.
  7. **Deer, L. K.**, Shields, G. S., Ivory, S. L., Hostinar, C. E., & Telzer, E. H. (2018). Racial/ethnic disparities in cortisol diurnal patterns in affect in adolescence. A poster presented at the Association for Psychological Science Annual Conference, San Francisco, May 24-27.
  6. **Deer, L. K.**, Gohn, K., & Kanaya, T. (2017). The relationship between loan debt and institution type on college students' career preparation behaviors. A poster presented at the Western Psychological Association Annual Conference, Sacramento, April 26-29.
  5. Gohn, K., **Deer, L. K.**, Somlo, D., & Kanaya, T. (2017). Anxiety and self-efficacy as a sequential mediational process in college students' career preparation. A poster presented at the Western Psychological Association Annual Conference, Sacramento, April 26-29.
  4. **Deer, L. K.**, Gunnar, M., & Hostinar, C. E. (2017). The social buffering of the HPA axis in children and adolescents: The role of perceived support from close friends. Section of a symposium presented at the American Psychosomatic Society Annual Conference, Seville, Spain, March 15-18.

3. **Deer, L. K.**, Johnson, A., West, T., & Livingston, L. (2016). College students' anxiety regarding work-life balance. A poster presented at the Western Psychological Association Annual Conference, Long Beach, April 28-May 1.
2. West, T., Johnson, A., & **Deer, L. K.** (2016). Work-life priorities of college students within specific fields of study. A poster presented at the Western Psychological Association Annual Conference, Long Beach, April 28-May 1.
1. Reiser, L. Garcia, N., **Deer, L. K.**, Scurich, N., & Krauss, D. (2015). Adversarial allegiance, court-appointed experts, and jury decision-making in a SVP case. A paper presented at the American Psychology and Law Society Annual Conference, San Diego, March 19-21.

### **JOURNAL PEER REVIEWS**

Journal of Youth Studies, Journal of American College Health, Current Directions in Psychological Science (supervised by Camelia Hostinar), Psychoneuroendocrinology (supervised by Camelia Hostinar), Development and Psychopathology (supervised by Camelia Hostinar), Journal of Research on Adolescence (supervised by Camelia Hostinar), Attachment and Human Development (supervised by Ross Thompson).

### **TEACHING ASSISTANT APPOINTMENTS**

Health Psychology (Summer 2017, Fall 2018, Fall 2019)  
 Developmental Psychology (Summer 2018)  
 Cognitive Development (Fall 2017, Spring 2018)  
 Social/Emotional/Personality Development (Winter 2018, Spring 2019, Spring 2020)  
 Developmental Disorders (Winter 2020)  
 Infant Development (Fall 2020)

### **TEACHING**

Health Psychology (co-taught Fall 2019, solo taught Summer 2020).

### **INVITED ACADEMIC TALKS**

Dec 2020      “Developmentally aligned strategies to enhance executive function skills for children 4-8 years of age” (Twin Cities Public Television, Minnesota)

### **SERVICE**

Next-Gen Psych Scholars Program (Academic Year 2020-2021)

UC Davis Psychology Department Graduate Student Peer Mentor (Academic Year 2020-2021)

UC Davis Student Health Insurance Plan Committee (Academic Years 2019-2020 and 2020-2021)

Psychology Graduate Student Association President (Academic Year 2019-2020)

Graduate Student Association Representative (Academic Year 2018-2019)

Undergraduate Research Center Research Training and Mentorship Mentor (Academic Years 2017-2018, 2018-2019, 2019-2020, and 2020-2021)

First-Gen Grads Initiative Peer Mentorship Program Mentor (Academic Year 2019-2020)

High School Summer Research Program Mentor (Summers 2018, 2019, and 2020)

### **CONFERENCE ORGANIZATION**

UC Davis Psychology Department Research Conference (Online due to COVID-19) – May 1<sup>st</sup>, 2020

UC Adolescence Consortium Conference (Los Angeles, CA) – August 14<sup>th</sup>-16<sup>th</sup> 2019