

## BEN HINNANT CURRICULUM VITAE

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### EDUCATION

Ph.D.	2008	Human Development and Family Studies	University of North Carolina at Greensboro
M.S.	2005	Human Development and Family Studies	University of North Carolina at Greensboro
B.S.	2002	Psychology	Clemson University

### PROFESSIONAL EXPERIENCE

2018 - Present	<b>Program Coordinator</b> , Graduate Certificate in Advanced Research Methods for Human Sciences
2015 – Present	<b>Associate Professor</b> , Department of Human Development and Family Science, Auburn University
2011 – 2015	<b>Assistant Professor</b> , Department of Psychology, Catholic University of America
2008 – 2011	<b>Post-Doctoral Research Fellow</b> , Department of Human Development and Family Science, Auburn University
2008 – 2011	<b>Guest Instructor</b> , Department of Human Development and Family Science, Auburn University
2007– 2008	<b>Pre-Doctoral Research Fellow</b> , University of North Carolina at Chapel Hill, Center for Developmental Science
2007– 2008	<b>Instructor</b> , University of North Carolina at Greensboro
2006 – 2007	<b>Teaching Assistant</b> , University of North Carolina at Greensboro
2003 – 2008	<b>Research Assistant</b> , University of North Carolina at Greensboro

**RESEARCH INTERESTS**

- Family and peer influences on child and adolescent development
- Health-risk behaviors in adolescence
- Bioregulatory processes

**TEACHING INTERESTS**

- Child and adolescent development
- Developmental biopsychology
- Research methods and statistics
- Longitudinal data analysis

**CURRENT RESEARCH PROJECTS**

Hinnant, J.B., Erath, S.A., & Gillis, B.T.

Role: Primary Investigator

Good Nights sleep intervention: Pilot of a randomized clinical trial to improve child and family sleep

Alabama Agricultural Experimental Station SEED Program Award

Project # ALA0 Hinnant

\$50,000

(October, 2023 – 2025)

El-Sheikh, M., Buckhalt, J.A., Erath, S.A., Hinnant, J.B., & Fuller-Rowell, T.E.

Role: Co-Investigator

Sleep as a mechanism and moderator in the development of health disparities

National Heart, Lung, and Blood Institute

Grant No. R01-HL136752-05

\$2,972,117

(February, 2023 – 2027)

**COMPLETED RESEARCH**

El-Sheikh, M., Erath, S.A., Hinnant, J.B., & Buckhalt, J.A.

Role: Co-Investigator

Predicting young adult health: Family aggression and bioregulatory pathways

Eunice Kennedy Shriver National Institute of Child Health and Human Development

Grant No. R01-HD046795-01

\$2,120,545

(February, 2019 – 2023)

El-Sheikh, M., Buckhalt, J.A., Erath, S.A., Hinnant, J.B., Keiley, M.K., & Fuller-Rowell, T.E.

Role: Co-Investigator

Child sleep as a mechanism and moderator in the development of health disparities

National Heart, Lung, and Blood Institute

Grant No. R01-HL136752-01

\$1,865,868

(September, 2017 – 2021)

Bardeen, J.R., Daniel, T.A., Weathers, F.W., & Hinnant, J.B.

Role: Co-Investigator

A longitudinal examination of a dual-process model of attentional bias in PTSD

National Institute of Mental Health

Grant No. R21-MH112929-01

\$361,797

(April, 2017 – 2019)

Hinnant, J.B., Erath, S.A., & Robinson, J.L.

Role: Primary Investigator

Context effects on adolescent decision making: Neuroimaging pilot studies

Alabama Agricultural Experimental Station SEED Program Award

Project # 16-034

\$50,000

(October, 2016 – 2018)

Hinnant, J.B., Erath, S.A., Pfeifer, J.H., & Adleman, N.A.

Role: Primary Investigator

Context effects on adolescent decision making: Neuroimaging pilot studies

Auburn University Intramural “Good-to-Great” Grant Award

Project # 160302

\$36,000

(May, 2016 – 2018)

El-Sheikh, M., Buckhalt, J.A., Erath, S.A., & Keiley, M.

Role: Consultant

Family aggression and trajectories of adolescent adaptation: Bioregulatory effects

Eunice Kennedy Shriver National Institute of Child Health and Human Development

Grant No. R01-HD046795-06

\$2,710,204

(August, 2012 – 2017)

El-Sheikh, M., Buckhalt, J.A., Erath, S.A., & Keiley, M.

Role: Consultant

Sleep and child developmental outcomes: Physiological and contextual influences

National Heart, Lung, and Blood Institute

Grant No. R01-HL093246

\$2,706,702

(January, 2009 – 2014)

Hinnant, J.B.

Role: Primary Investigator

Physiological function during decision making

Catholic University of America – Grant-in-Aid for summer graduate research assistant.

\$6,000

(June, 2012 – 2014)

Hinnant, J.B.  
 Role: Primary Investigator  
 Child and parental contributions to moral reasoning  
 University of North Carolina at Chapel Hill, Center for Developmental Science  
 \$20,000  
 (August, 2007 – 2008)

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**PEER REVIEWED PUBLICATIONS (54) \* Denotes Student Author**

- Thompson, M.J., Gillis, B.T., Hinnant, J.B., Erath, S.A., Buckhalt, J.A., & El-Sheikh, M. (2024). Trajectories of actigraphy-derived sleep duration, quality, and variability from childhood to adolescence: Downstream effects on mental health. *Sleep*. <https://doi.org/10.1093/sleep/zsae112>
- Thompson, M.J., Hinnant, B., Erath, S.A., & El-Sheikh, M. (2024). The legacy of harsh parenting: Enduring and sleeper effects on trajectories of externalizing and internalizing symptoms. *Developmental Psychology*. <https://doi.org/10.1037/dev0001754>
- Hinnant, B., Jager, J., Rauer, A.J., & Thompson, M.J. (2024). Developmental sensitivity, stasis, and disturbance: Linking concepts to analytic methods using impulsivity and alcohol use. *Journal of Research on Adolescence*. <https://doi.org/10.1111/jora.12963>
- Kaepler, A. K.,\* Erath, S. A., El-Sheikh, M., & Hinnant, J.B. (2024). Coping with family stress as a moderator of the longitudinal association between childhood anxiety and adolescent depressive symptoms. *Research on Child and Adolescent Psychopathology*, 52, 429-441. <https://doi.org/10.1007/s10802-023-01135-z>
- Martin-Pinon, O.,\* McWood, L., Erath, S.A., Hinnant, B., & El-Sheikh, M. (2024). Maternal psychological control and adolescent adjustment: Sleep as a moderator. *Journal of Sleep Research*, 33(1), e13986. <https://doi.org/10.1111/jsr.13986>
- Gillis, B.T., McWood, L.M., Brigham, E.F.,\* Hinnant, B., & El-Sheikh, M. (2023). Family income as a moderator of relations between sleep and physical health during adolescence. *Sleep Health: Journal of the National Sleep Foundation*, 9(6), 868-875. <https://doi.org/10.1016/j.sleh.2023.09.009>
- Zeringue, M.M., Saini E.K., Fuller-Rowell, T.E., Hinnant, J.B., & El-Sheikh, M. (2023). Neighborhood environment and adolescent sleep: The role of family socioeconomic status. *Sleep*, 109, 40-49. <https://doi.org/10.1016/j.sleep.2023.06.014>
- Hinnant, B., Buckhalt, J.A., Brigham, E.F.,\* Gillis, B.T.,\* & El-Sheikh, M. (2023). Socioeconomic disparities, nighttime bedroom temperature, and children's sleep. *Journal of Applied Developmental Psychology*, 86, 101530. <https://doi.org/10.1016/j.appdev.2023.101530>
- Furlong, C.,\* & Hinnant, B. (2023). Experiences of sexual assault and financial hardship: Sense of control as a potential mechanism. *Violence Against Women*. <https://doi.org/10.1177/10778012231166403>

- Gillis, B.T.,\* Hinnant, B., Erath, S.A., & El-Sheikh, M. (2023). Relationship between family income and trajectories of adjustment in adolescence: Sleep and physical activity as moderators. *Journal of Adolescence*, 95, 494-508. <https://doi.org/10.1002/jad.12131>
- Goolsby, J.,\* Rich, B. A., Hinnant, B., Habayeb, S.,\* Berghorst, L., Reyes, A. D. L., & Alvord, M. K. (2022). Parent–child informant discrepancy is associated with poorer treatment outcome. In *Key Topics in Parenting and Behavior* (pp. 71-84). Cham: Springer Nature Switzerland.
- Hinnant, J.B., Gillis, B.T.,\* Erath, S.A., & El-Sheik, M. (2022). Onset of substance use: Deviant peer, sex, and sympathetic nervous system predictors. *Development and Psychopathology*, 34, 1506-1515. <https://doi.org/10.1017/S0954579421000158>
- Philbrook, L.E., Shimizu, M., Erath, S.A., Hinnant, J.B., & El-Sheikh, M. (2021). Longitudinal associations between adolescents' sleep and adjustment: Respiratory sinus arrhythmia as a moderator. *Developmental Psychobiology*, 63, 1-10. <https://doi.org/10.1002/dev.22220>
- Hinnant, J.B., Schulenberg, J.E., & Jager, J. (2021). Multifinality, equifinality, and fanning: Developmental concepts and statistical implications. *International Journal of Behavioral Development*, 45, 429-439. <https://doi.org/10.1177%2F01650254211020402>
- Shimizu, M., Zeringue, M.M., Erath, S.A., Hinnant, J.B., & El-Sheikh, M. (2021). Trajectories of sleep problems in childhood: Associations with mental health in adolescence. *Sleep*, 44, 1-10. [doi:10.1093/sleep/zsaa190](https://doi.org/10.1093/sleep/zsaa190)
- Hinnant, J.B., & Stavrinos, D. (2020). Rewards decrease risky decision making for adolescent drivers: Implications for crash prevention. *Transportation Research Part F: Traffic Psychology and Behaviour*, 74, 272-279. <https://doi.org/10.1016/j.trf.2020.08.028>
- Bardeen, J. R., Daniel, T. A., Gordon, R. D., Hinnant, J. B., & Weathers, F. W. (2020). Individual differences in attentional control explain the differential expression of threat-related attentional bias among those with posttraumatic stress symptomatology and predict symptom maintenance up to one year later. *Behaviour Research and Therapy*, 133. <https://doi.org/10.1016/j.brat.2020.103709>
- Curtis, D.S.,\* Fuller-Rowell, T.E., Hinnant, J.B., Kaepler, A.K.,\* & Doan, S.N. (2020). Resting high-frequency heart rate variability moderates the association between early life adversity and body adiposity. *Journal of Health Psychology*, 25, 953-963. <https://doi.org/10.1177/1359105317739964>
- Hinnant, J.B., Erath, S.A., Shimizu, M., & El-Sheikh, M. (2019). Parenting, deviant peer affiliation, and externalizing behavior during adolescence: Processes conditional on sympathetic nervous system reactivity. *Journal of Child Psychology and Psychiatry*, 60, 793-802. <https://doi.org/10.1111/jcpp.13046>
- El-Sheikh, M., Shimizu, M., Erath, S.A., Philbrook, L.E., & Hinnant, J.B. (2019). Dynamic patterns of marital conflict: Relations to trajectories of adolescent adjustment. *Developmental Psychology*, 55, 1720-1732. <https://doi.org/10.1037/dev0000746>

- Hinnant, J.B., McConnell, L.M.,\* Yanes, J.A.,\* McCormick, M.J., Murphy, J.E.,\* Erath, S.A., & Robinson, J.L. (2019). Rewarding safe choices in peer contexts: Adolescent brain activity during decision making. *Biological Psychology*, 142, 45-53. <https://doi.org/10.1016/j.biopsycho.2019.01.008>
- El-Sheikh, M., Philbrook, L.E., Kelly, R.J., Hinnant, J.B., & Buckhalt, J.A. (2019). What does a good night's sleep mean? Nonlinear relations between sleep and children's cognitive functioning and mental health. *Sleep*, 42, 1-12. <https://doi.org/10.1093/sleep/zsz195>
- Hinnant, J.B., & Forman-Alberti, A.B. (2019). Deviant peer behavior and adolescent delinquency: Protective effects of inhibitory control, planning, or decision making? *Journal of Research on Adolescence*, 29, 682-695. <https://doi.org/10.1111/jora.12405>
- Aiken, C.S.,\* Wagner, B.M., & Hinnant, J.B. (2019). Observed interactions in families of adolescent suicide attempters. *Suicide and Life-Threatening Behavior*, 49, 104-119. <https://doi.org/10.1111/sltb.12423>
- Philbrook, L.E., Erath, S.A., Hinnant, J.B., & El-Sheikh, M. (2018). Marital conflict and trajectories of adolescent adjustment: The role of autonomic nervous system coordination [Special issue]. *Developmental Psychology*, 54, 1687-1696. <https://doi.org/10.1037/dev0000501>
- Hinnant, J.B., Philbrook, L.E., Erath, S.A., & El-Sheikh, M. (2018). Approaches to modeling the development of physiological stress responsivity. *Psychophysiology*, 55, e13027. <https://doi.org/10.1111/psyp.13027>
- Samek, D.R., Hicks, B.M., Durbin, E., Hinnant, J.B., Iacono, W.G., & McGue, M. (2018). Co-development between key personality traits and alcohol use disorder from adolescence through young adulthood. *Journal of Personality*, 2, 261-282. <https://doi.org/10.1111/jopy.12311>
- Goolsby, J.,\* Rich, B. A., Habayeb, S.,\* Hinnant, J. B., Berghorst, L., De Los Reyes, A., & Alvord, M. K. (2018). Parent-child informant discrepancy is associated with poorer treatment outcome. *Journal of Child and Family Studies*, 27, 1228-1241. <https://doi.org/10.1007/s10826-017-0946-7>
- Gray, W. N., Kavookjian, J., Shapiro, S. K., Wagoner, S. T., Schaefer, M. R., Resmini Rawlinson, A., & Hinnant, J.B. (2018). Transition to college and adherence to prescribed attention deficit hyperactivity disorder medication. *Journal of Developmental and Behavioral Pediatrics*, 1, 1-9. [doi:10.1097/DBP.0000000000000511](https://doi.org/10.1097/DBP.0000000000000511)
- El-Sheikh, M., Hinnant, J.B., & Philbrook, L.E. (2017). Trajectories of sleep and cardiac-sympathetic activity indexed by pre-ejection period in childhood. *Journal of Sleep Research*, 26, 578-586. [doi:10.1111/jsr.12491](https://doi.org/10.1111/jsr.12491)
- Bardeen, J.R., Daniel, T.A., Hinnant, J.B., & Orcutt, H.K. (2017). Emotion dysregulation and threat-related attention bias variability. *Motivation and Emotion*, 41, 402-409. [doi:10.1007/s11031-017-9604-z](https://doi.org/10.1007/s11031-017-9604-z)

- Philbrook, L.E., Hinnant, J.B., Elmore-Staton, L., Buckhalt, J.A., & El-Sheikh, M. (2017). Sleep and cognitive functioning in childhood: Ethnicity, socioeconomic status, and sex as moderators. *Developmental Psychology*, 53, 1276-1285. [doi:10.1037/dev0000319](https://doi.org/10.1037/dev0000319)
- Hinnant, J.B., Forman-Alberti, A.B.,\* Aquino, A.K.,\* Szollos, S.,\* & Degnan, K.A. (2017). Approach behavior, stress, and substance use in young adults. *Stress and Health*, 33, 164-168. [doi:10.1002/smi.2684](https://doi.org/10.1002/smi.2684)
- Forman-Alberti, A.B.,\* & Hinnant, J.B. (2016). Links between autonomic activity and implicit learning. *International Journal of Psychophysiology*, 110, 75-80. [doi:10.1016/j.ijpsycho.2016.10.014](https://doi.org/10.1016/j.ijpsycho.2016.10.014)
- Hinnant, J.B., Erath, S.A., Tu, K.M., & El-Sheikh, M. (2016). Permissive parenting, deviant peer affiliations, and delinquent behavior in adolescence: The moderating role of sympathetic nervous system reactivity. *Journal of Abnormal Child Psychology*, 44, 1071-1081. [doi:10.1007/s10802-015-0114-8](https://doi.org/10.1007/s10802-015-0114-8)
- Hinnant, J.B., Forman-Alberti, A.B.,\* Freedman, A.,\* Byrnes, L.,\* & Degnan, K.A. (2016). Approach behavior and sympathetic nervous system reactivity predict substance use in young adults. *International Journal of Psychophysiology*, 105, 35-38. [doi:10.1016/j.ijpsycho.2016.04.013](https://doi.org/10.1016/j.ijpsycho.2016.04.013)
- El-Sheikh, M., Hinnant, J. B., & Erath, S. A. (2015). Marital conflict, vagal regulation, and children's sleep: A longitudinal investigation. *Monographs of the Society for Research in Child Development*, 80, 89-106. [doi:10.1111/mono.12146](https://doi.org/10.1111/mono.12146)
- Hinnant, J.B., Erath, S.A., & El-Sheikh, M. (2015). Harsh parenting, parasympathetic activity, and development of delinquency and substance use. *Journal of Abnormal Psychology*, 124, 137-151. [dx.doi.org/10.1037/abn0000026](https://dx.doi.org/10.1037/abn0000026)
- Staton, L., Hinnant, J. B., Buckhalt, J., & El-Sheikh, M. (2014). Sleep and cognitive performance: The role of income and respiratory sinus arrhythmia reactivity. *Developmental Psychobiology*, 56, 1528-1540. [doi:10.1002/dev.21247](https://doi.org/10.1002/dev.21247)
- Hinnant, J.B., Nelson, J.A., O'Brien, M., Keane, S.P., & Calkins, S.D. (2013). The interactive roles of parenting, emotion regulation and executive functioning in moral reasoning during middle childhood. *Cognition & Emotion*, 27, 1460-1468. [doi:10.1080/02699931.2013.789792](https://doi.org/10.1080/02699931.2013.789792)
- Hinnant, J.B., El-Sheikh, M., Keiley, M., & Buckhalt, J. (2013). Marital conflict, allostatic load, and the development of children's fluid cognitive performance. *Child Development*, 84, 2003-2014. [doi:10.1111/cdev.12103](https://doi.org/10.1111/cdev.12103)
- Hinnant, J.B., & El-Sheikh, M. (2013). Codevelopment of externalizing and internalizing symptoms in middle to late childhood: Sex, baseline RSA, and RSA reactivity as predictors. *Development and Psychopathology*, 25, 419-436. [doi:10.1017/S0954579412001150](https://doi.org/10.1017/S0954579412001150)
- Lento, R. M.,\* Ellis, T. E., Hinnant, J.B., & Jobes, D. A. (2013). Using the suicide index score to predict treatment outcomes among psychiatric inpatients. *Suicide and Life-Threatening Behavior*, 43, 547-561. [doi:10.1111/sltb.12038](https://doi.org/10.1111/sltb.12038)

- Del Giudice, M., Hinnant, J.B., Ellis, B.J., & El-Sheikh, M. (2012). Adaptive patterns of stress responsivity: A preliminary investigation [Special issue]. *Developmental Psychology*, *48*, 775-790. [doi:10.1037/a0026519](https://doi.org/10.1037/a0026519)
- El-Sheikh, M., & Hinnant, J.B. (2011). Marital conflict, respiratory sinus arrhythmia, and allostatic load: Interrelations and associations with the development of children's externalizing behavior [Special issue]. *Development and Psychopathology*, *23*, 815-829. [doi:10.1017/S0954579411000320](https://doi.org/10.1017/S0954579411000320)
- Erath, S.A., El-Sheikh, M., Hinnant, J.B., & Cummings, E.M. (2011). Skin conductance level reactivity moderates the association between harsh parenting and growth in child externalizing behavior. *Developmental Psychology*, *43*, 693-706. [doi:10.1037/a0021909](https://doi.org/10.1037/a0021909)
- El-Sheikh, M., Arsiwalla, D.D., Hinnant, J.B., & Erath, S. (2011). Interactions between cortisol and respiratory sinus arrhythmia predict children's internalizing symptoms. *Physiology & Behavior*, *103*, 225-232. [doi:10.1016/j.physbeh.2011.02.004](https://doi.org/10.1016/j.physbeh.2011.02.004)
- El-Sheikh, M., Hinnant, J.B., & Erath, S.A. (2011). Developmental trajectories of delinquency symptoms in childhood: The role of marital conflict and autonomic nervous system activity. *Journal of Abnormal Psychology*, *120*, 16-32. [doi:10.1037/a0020626](https://doi.org/10.1037/a0020626)
- Hinnant, J.B., Elmore-Staton, L., & El-Sheikh, M. (2011). Developmental trajectories of respiratory sinus arrhythmia and pre-ejection period in middle childhood. *Developmental Psychobiology*, *53*, 59-68. [doi:10.1002/dev.20487](https://doi.org/10.1002/dev.20487)
- El-Sheikh, M., Kelly, R.J., Buckhalt, J.A., & Hinnant, J.B. (2010). Children's sleep and adjustment over time: The role of socioeconomic context. *Child Development*, *81*, 870-883. [doi:0009-3920/2010/8103-0015](https://doi.org/0009-3920/2010/8103-0015)
- El-Sheikh, M., Keiley, M., & Hinnant, J.B. (2010). Developmental trajectories of skin conductance level in middle childhood: Sex, race, and externalizing behavior problems as predictors of growth. *Biological Psychology*, *83*, 116-124. [doi:10.1016/j.biopsycho.2009.11.009](https://doi.org/10.1016/j.biopsycho.2009.11.009)
- El-Sheikh, M., Hinnant, J.B., Kelly, R.J., & Erath, S. (2010). Maternal psychological control and child internalizing symptoms: Vulnerability and protective factors across bioregulatory and ecological domains. *Journal of Child Psychology and Psychiatry*, *51*, 188-198. [doi:10.1111/j.1469-7610.2009.02140.x](https://doi.org/10.1111/j.1469-7610.2009.02140.x)
- Hinnant, J.B., & El-Sheikh, M. (2009). Children's externalizing and internalizing symptoms over time: The role of individual differences in patterns of RSA responding. *Journal of Abnormal Child Psychology*, *37*, 1049-1061. [doi:10.1007/s10802-009-9341-1](https://doi.org/10.1007/s10802-009-9341-1)
- Hinnant, J.B., O'Brien, M., & Ghazarian, S.R. (2009). The longitudinal relations of teacher expectations to achievement in the early school years. *Journal of Educational Psychology*, *101*, 662-670. [doi:10.1037/a0014306](https://doi.org/10.1037/a0014306)
- Hinnant, J.B., & O'Brien, M. (2007). Cognitive and emotional control and perspective taking and their relations to empathy in 5-year-old children [Special issue]. *Journal of Genetic Psychology*, *168*, 301-322. [doi:10.3200/GNTP.168.3.301-322](https://doi.org/10.3200/GNTP.168.3.301-322)





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**RESEARCH SUMMARIES FEATURED IN PUBLICATIONS FOR GENERAL AUDIENCES**


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*Smithsonian Magazine; Science Trends; Nature World News; Science Daily; Live Science; PsychCentral; The British Psychological Society; Irish Examiner; Auburn Research*

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**SELECTED PROFESSIONAL PRESENTATIONS**

**\* Denotes Student Author**

McWood, L. M., Erath, S. A., Hinnant, J. B., & El-Sheikh, M. (2024, April). *Deviant Peer Affiliation, Maternal Management of Peer Relationships, and Weekend to Weekday Sleep in Adolescence*. Poster Blitz presented at Society for Research in Adolescence Annual Meeting, Chicago, IL.

Hinnant, J.B. (2022, April). *Adolescent risk-taking from a psychobiological developmental perspective*. Invited research colloquium at University of Alabama at Birmingham, Department of Psychological Sciences.

Pyle, R.,\* Norton, J.,\* Lindsay, T.,\* & Hinnant, J.B. (2019, November). Multi-family group interventions in residential treatment. In K.R. Thompson (Chair), *Multidisciplinary group interventions for adolescents in residential treatment*. Symposium presentation at the ATSA Annual Meeting, Atlanta, Georgia.

Hinnant, J.B., Robinson, J.L., & Erath, S.A. (2018, December). *Rewarding safe decision making in the context of peer observation: A neuroimaging pilot study of adolescence*. Invited poster presentation at the AAES Faculty Summit, Auburn, Alabama.

Norton, J.,\* Duke, A. M., & Hinnant, J.B. (2018, May). *Adolescent pre-existing perceptions and attitudes influence on universal bullying prevention: The interacting roles of perceived parenting and bullying attitudes on change in bullying behaviors*. Poster presented at the Society for Prevention Research Annual Meeting, Washington, DC.

Hinnant, J.B., McConnell, L.,\* Kaeppler, A.,\* Lauricella, D.,\* & Homandberg, L.\* (2017, October). *Rewards, peers, and adolescent brain activity during decision making*. Human Development and Family Science Research Brown Bag Series, Auburn, Alabama.

Hinnant, J.B., Robinson, J.L., Erath, S.A., McConnell, L.,\* Kaeppler, A.,\* & Kirby, L.\* (2017, April). *Rewarding safe decision making in the context of peer observation: A neuroimaging pilot study of adolescence*. Poster presentation at the SRCD Biennial Meeting, Austin, Texas.

Hinnant, J.B., Philbrook, L.E., Erath, S.A., & El-Sheikh, M. (2017, April). Evaluating sensitive periods in development of physiological responsivity to stress: Methodological recommendations. In S.A. Erath & M. El-Sheikh (Chairs), *Autonomic nervous system psychophysiology from a developmental perspective*. Symposium presentation at the SRCD Biennial Meeting, Austin, Texas.

Gritters, A.,\* Hinten, B.,\* McConnell, L.,\* Kaeppler, A.,\* & Hinnant, J.B. (2016, October). *Inside the teenage brain: Research methodology in adolescent decision making*. Human Development and Family Science Methodology Brown Bag Series, Auburn, Alabama.

- Hinnant, J.B., McCormick, M., Erath, S.A., Robinson, J.L., McConnell, L.,\* Kaeppler, A.,\* Hinten, B.,\* & Gritters, A.\* (2016, September). *Context effects on adolescent risky decision making*. Poster presentation at the Auburn University intramural "This is Research" day, Auburn, Alabama.
- Philbrook, L.E., Saini, E.K.,\* Hinnant, J.B., & El-Sheikh, M. (2016, September). *Trajectories of sleep and cardiac-sympathetic activity in childhood: An examination of reciprocal relations*. Poster presentation at the Society for Psychophysiological Research Annual Meeting, Minneapolis, MN.
- Forman-Alberti, A.B.,\* Aquino, A.,\* & Hinnant, J.B. (2015, April). *Links between autonomic activity, implicit learning, and risky decision making*. Poster presentation at the SRCD Biennial Meeting, Philadelphia, Pennsylvania.
- Hinnant, J.B. (Chair) (2015, April). *Central and autonomic nervous system activity: Adjustment at the transition to adolescence*. Paper symposium conducted at the SRCD Biennial Meeting, Philadelphia, Pennsylvania.
- Hinnant, J.B. Erath, S.A., & El-Sheikh, M. (2015, April). Harsh parenting, parasympathetic activity, and development of delinquency and substance use. In J.B. Hinnant (Chair), *Central and autonomic nervous system activity: Adjustment at the transition to adolescence*. Symposium presentation at the SRCD Biennial Meeting, Philadelphia, Pennsylvania.
- Twohy, E.,\* Barrueco, S., & Hinnant, J.B. (2015, April). Social emotional and language development trajectories of migrant and seasonal Head Start children: Profiles and predictors. In J. Heinze (Chair), *Early child socio-emotional functioning in disadvantaged environments: The role of context as a protective factor*. Symposium presentation at the SRCD Biennial Meeting, Philadelphia, Pennsylvania.
- Forman-Alberti, A.B.,\* & Hinnant, J.B. (2014, November). *Autonomic arousal during associative learning predicts risky decision making*. Poster presentation at the Annual Meeting of the Society for Neuroscience, Washington, D.C.
- Forman-Alberti, A.B.,\* Fernandez, J.M.,\* Reese, E.M.,\* Matera, J.J.,\* Delpapa, S.E.,\* & Hinnant, J.B. (2013, May). *Taking advantage: Aggression, competition and cooperation in a hawk-dove task*. Poster presentation at the Association for Psychological Science Conference, Washington, D.C.
- Reese, E.M.,\* Madden, E.,\* Forman-Alberti, A.,\* Ehresman, C.,\* Aquino, A.,\* & Hinnant, J.B. (2013, May). *Parental attachment and sympathetic nervous system response during behavioral tasks*. Poster presentation at the Association for Psychological Science Conference, Washington, D.C.
- Reese, E.M.,\* Madden, E.,\* Forman-Alberti, A.,\* Wilbur, C.,\* Szollos, S.,\* & Hinnant, J.B. (2013, May). *Anxiety predicts cooperative and competitive behaviors during a 'Hawk-Dove' task*. Poster presentation at the Association for Psychological Science Conference, Washington, D.C.
- Hinnant, J.B. (Chair) (2013, April). *Biological stress response systems and child social competence and psychopathology symptoms: Psychological and environmental*

*moderators*. Paper symposium conducted at the SRCD Biennial Meeting, Seattle, Washington.

- Hinnant, J.B. & El-Sheikh, M. (2013, April). Codevelopment of externalizing and internalizing symptoms in middle to late childhood: Sex, baseline RSA, and RSA reactivity as predictors. In J.B. Hinnant (Chair), *Biological stress response systems and child social competence and psychopathology symptoms: Psychological and environmental moderators*. Symposium presentation at the SRCD Biennial Meeting, Seattle, Washington.
- Hinnant, J.B., Erath, S.A., & El-Sheikh, M. (2013, April). Marital conflict, vagal regulation and children's sleep: A longitudinal investigation. In M. El-Sheikh (Chair), *Emerging longitudinal research linking family processes and children's sleep*. Symposium presentation at the SRCD Biennial Meeting, Seattle, Washington.
- Forman-Alberti, A.B.,\* Reese, E.M.,\* Fernandez, J.M.,\* Fiore, A.,\* & Hinnant, J.B. (2013, April). *Angry birds? Relations between aggression and sympathetic nervous system activity in a novel hawk-dove task*. Poster presentation at the SRCD Biennial Meeting, Seattle, Washington.
- Lento, R. M.,\* Ellis, T. E., Hinnant, J.B., & Jobes, D. A. (2012, April). *Using suicidal typologies to predict treatment outcomes among psychiatric inpatients*. Symposium presentation at the 45th Annual Conference of the American Association of Suicidology, Baltimore, Maryland.
- Del Giudice, M., Ellis, B.J., Hinnant, J.B., & El-Sheikh, M. (2012, March). *Adaptive patterns of stress responsivity: Preliminary empirical results*. Symposium presentation at the Biennial Meeting of the Society for Research on Adolescence. Vancouver, Canada.
- Hinnant, J.B. (2011, April). *Environmental stress and allostasis: Alterations in physiological regulation and change in externalizing behaviors in childhood*. Research colloquium at Auburn University.
- Hinnant, J.B., & El-Sheikh, M. (2011, April). Marital conflict, respiratory sinus arrhythmia, and allostatic load: Relations to the development of children's externalizing behavior. In I.S. Yim & J.A. Quas (Chairs), *Developmental changes in biobehavioral stress reactivity in high and low risk environments*. Symposium presentation at the SRCD Biennial Meeting, Montreal, Quebec, Canada.
- Hinnant, J.B., & El-Sheikh, M. (2011, April). *Codevelopment of boys' and girls' externalizing and internalizing symptoms: The role of respiratory sinus arrhythmia*. Poster presentation at the SRCD Biennial Meeting, Montreal, Quebec, Canada.
- Erath, S., El-Sheikh, M., Hinnant, J.B., & Cummings, M. (2011, April). Skin conductance level reactivity moderates the longitudinal association between harsh parenting and child externalizing behavior. In E.M. Cummings & M.C. Goeke-Morey (Chairs), *Longitudinal, process-oriented research on children exposed to multiple social contexts of violence*. Symposium presentation at the SRCD Biennial Meeting, Montreal, Quebec, Canada.

Hinnant, J.B., Elmore-Staton, L., & El-Sheikh, M. (2010, October). *Developmental trajectories of respiratory sinus arrhythmia and pre-ejection period in middle childhood*. Poster presentation at the SPR Annual Meeting, Portland, OR.

Kelly, R.J., Hinnant, J.B., & El-Sheikh, M. (2009, April). *Parenting, children's sleep, and cognitive functioning: A mediated relationship*. Poster presentation at the SRCD Biennial Meeting, Denver, CO.

Hinnant, J.B., & O'Brien, M. (2008, April). *Parental cognitive and emotional support and child emotion regulation and executive functioning: Testing mediational pathways to moral reasoning*. Poster presentation at the Conference on Human Development, Indianapolis, IN.

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## ACADEMIC COURSES

Research Methods for Developmental and Family Science HDFS 2020 (undergraduate), Auburn University

Longitudinal Data Analysis HDFS 7970 (graduate), Auburn University

Structural Equation Modeling HDFS 8050 (graduate), Auburn University

Multilevel Modeling HDFS 8060 (graduate), Auburn University

Mediation and Moderation Analysis HDFS 8070 (graduate), Auburn University

Cognitive Development PSY 310 (undergraduate), CUA

Lifespan Development PSY 379 (undergraduate), CUA

Cognitive Development PSY 622 (graduate), CUA

Human Development PSY 640 (graduate), CUA

Research Methods PSY 811 (graduate), CUA

Child Development HDF 302 (undergraduate), UNC Greensboro

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## EXPERTISE IN STATISTICAL ANALYSIS AND METHODS

Multivariate Analysis (e.g., multiple regression, ANOVA)

Path Analysis

Mediation / Indirect Effects Analysis

Moderation Analysis

Structural Equation Modeling (SEM)

Hierarchical Linear / Multilevel Modeling

Latent Growth Modeling

Mixture Modeling

### Primary Instructor in 1-day workshops:

Alternatives to Autoregressive Analysis (2023), Auburn University

That's a Lot of Zeros: Analysis Options for Zero-Inflated Data (2021), Auburn University

ANOVA and Introduction to Mixed Models (2020), Auburn University

Introduction to Latent Growth Models (2019), Auburn University

Stop and Smell the Data: Steps Before Analysis (2018), Auburn University

Dyadic Data Analysis (2017), Auburn University

Introduction to Structural Equation and Latent Growth Modeling (2013 – 2015), CUA

### SPECIALIZED TRAINING IN NEUROPHYSIOLOGICAL ASSESSMENT

Training and experience in use of Biolab and Mindware hardware and software; data collection and editing for physiological indexes of autonomic functions including heart rate, respiration, respiratory sinus arrhythmia, pre-ejection period, skin conductance response, and skin conductance level

Training for Level 2 MRI safety procedures

### PROFESSIONAL AFFILIATIONS

American Psychological Association, Division 7 (Developmental)  
 Society for Psychophysiological Research  
 Society for Research in Child Development  
 Society for Research on Adolescence  
 Society for the Teaching of Psychology

### STUDENT ADVISING

Name	Dept.	Type	Role	Completed
Darcy Corbitt Hall	HDFS	Doctorate	Member	In progress
Kendall McGoey	Psychology	Doctorate	Reader	2024
Emily Scott	HDFS	Master's	Member	In progress
Karl Christensen	HDFS	Doctorate	Member	In progress
Jenna Lawlor	HDFS	Doctorate	Member	In progress
Anna Kate Edgemon	Psychology	Doctorate	Member	2024
Madison Winter	HDFS	Doctorate	Chair	In progress
Sofia Sanchez	Nutrition	Doctorate	Reader	2024
Sharon Kramper	Psychology	Doctorate	Reader	2023
Bruno Akua	HDFS	Doctorate	Member	In progress
Margaret Young	Psychology	Doctorate	Reader	2022
Haley Sherman	HDFS	Doctorate	Member	2024
Peter Cook	Psychology	Doctorate	Member	In progress
Olivia Martin-Pinon	HDFS	Master's	Member	2022
Teng Zhao	Psychology	Doctorate	Member	2023
Travis Rogers	Psychology	Doctorate	Reader	2021
Lindsey Robinson	HDFS	Master's	Member	2021
Austin Cunningham	Psychology	Master's	Member	2021
Courtney Furlong	HDFS	Doctorate	Chair	In progress
Courtney Furlong	HDFS	Master's	Chair	2021
Ekjyot Saini	HDFS	Doctorate	Member	2022
Dajuandra Eugene	HDFS	Doctorate	Member	2021
Benjamin Burke	HDFS	Doctorate	Member	2021
Benjamin Burke	HDFS	Master's	Member	2020
Darcy Corbitt Hall	HDFS	Master's	Member	2020
Takoma Lindsay	HDFS	Master's	Chair	2021

Mary Dawson	HDFS	Master's	Member	2020
Brian Gillis	HDFS	Master's	Member	2020
Brian Gillis	HDFS	Doctorate	Member	2023
Raven Livingston	HDFS	Doctorate	Chair	2023
Jessica Norton	HDFS	Doctorate	Member	2021
Joelle Smith	HDFS	Master's	Co-Chair	2019
Paige Hartman	Psychology	Doctorate	Reader	2018
Lucy Riley	HDFS	Master's	Member	2018
Anna Lorys	Psychology	Doctorate	Member	2019
Raina Hafftko	SERC	Doctorate	Member	2019
Hairong Li	Psychology	Doctorate	Member	2018
Elizabeth Ritterbush	Psychology	Doctorate	Member	2018
Melissa Stuhlman	Psychology	Doctorate	Member	2019
Kathleen Hlavaty	HDFS	Doctorate	Member	2018
Ayanda Chakawa	Psychology	Doctorate	Reader	2017
Carlynn VanDenBerg	HDFS	Doctorate	Member	2021
Ana Cikara	SERC	Doctorate	Member	2019
Leanna McConnell	HDFS	Doctorate	Member	2020
Leanna McConnell	HDFS	Master's	Member	2017
Olivia Hartwick	HDFS	Master's	Member	2016
Alex Kaeppler	HDFS	Doctorate	Member	2024
Alex Kaeppler	HDFS	Master's	Member	2016
Kelly Gill	Psychology (CUA)	Master's	Member	2016
Alissa Forman-Alberti	Psychology (CUA)	Doctorate	Chair	2016
Alissa Forman-Alberti	Psychology (CUA)	Master's	Chair	2014
Emily Madden	Psychology (CUA)	Master's	Chair	2015
Ashley Hunt	Psychology (CUA)	Master's	Chair	2015
Juan Fernandez	Psychology (CUA)	Master's	Chair	2013
Eileen Twohy	Psychology (CUA)	Doctorate	Member	2013
Blake Zakarin	Psychology (CUA)	Doctorate	Member	2013
Corinne Bell	Psychology (CUA)	Doctorate	Member	2012

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#### **EDITORIAL EXPERIENCE AND SERVICE (EDITORIAL, BOARDS, AND AD HOC REVIEWING)**

Journal of Applied Developmental Psychology (Associate Editor, 2022 – Current)

Journal of Applied Developmental Psychology (Editorial Board, 2021 – 2022)

Developmental Psychobiology (Editorial Board, 2022 – Current)

Accident Analysis and Prevention

Aggressive Behavior

American Journal on Addictions

Anxiety, Stress, and Coping

Applied Developmental Psychology

Biological Psychology

British Journal of Educational Psychology

Child Development

Child Maltreatment

Childhood Obesity

Cognition & Emotion

Cognitive, Affective, and Behavioral Neuroscience

Developmental Psychobiology  
 Developmental Psychology  
 Development and Psychopathology  
 Educational Psychology  
 Frontiers in Psychology  
 International Journal of Developmental Neuroscience  
 International Journal of Psychophysiology  
 Journal of Abnormal Child Psychology  
 Journal of Adolescence  
 Journal of Applied Developmental Psychology  
 Journal of Child Psychology and Psychiatry  
 Journal of Clinical Child and Adolescent Psychology  
 Journal of Consulting and Clinical Psychology  
 Journal of Experimental Child Psychology  
 Journal of Family Psychology  
 Journal of Fluency Disorders  
 Journal of Psychophysiology  
 Journal of Research on Adolescence  
 Journal of Sleep Research  
 Pediatrics  
 Personality and Individual Differences  
 Psychophysiology  
 Physiology & Behavior  
 Sleep Medicine  
 Social Development  
 Stress and Health  
 Transportation Research Part F: Traffic Psychology and Behaviour

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## SERVICE

- Scholars Committed to Opportunities in Psychological Education (SCOPE mentor, 2024)
- *Journal of Applied Developmental Psychology* (Associate Editor, 2022 – Current)
- *Developmental Psychobiology* (Editorial Board, 2022 – Current)
- Society for Research on Adolescence Conference Panel 6 Co-Chair (2022, 2023),  
Developmental Methodology
- Invited Speaker, University of Alabama at Birmingham (2022), *Adolescent Risk-taking from a Psychobiological Developmental Perspective*
- Society for Research on Adolescence Biennial Conference Invited Reviewer (2021), *Family Processes*
- Department of Human Development and Family Science Health Disparities Search Committee Member, Auburn University (2021)
- Auburn University Human Subjects Internal Review Board electronic consent subcommittee member, Auburn University (2019 – 2022)
- Department of Human Development and Family Science Research Methods Certificate Program Oversight, Auburn University (2018 – present)
- Human Subjects Internal Review Board member, Auburn University (2018 – 2022)
- Internal Grant Program (IGP) review panel member, Auburn University (2018 – present)
- Department of Human Development and Family Science Marriage and Family Therapy Search Committee Chair, Auburn University (2018 – 2019)



- Graduation Committee member, Auburn University (2017 – 2018)
- Women's Center Board member, Sexual Assault Awareness Committee, Auburn University (2016 – 2017)
- Department of Human Development and Family Science Social Development Search Committee, Auburn University (2016 – 2017)
- Department of Human Development and Family Science Research Methods Certificate Development Committee, Auburn University (2016 – 2017)
- Department of Human Development and Family Science Graduate Admissions Committee, Auburn University (2015 – present)
- Department of Human Development and Family Science Graduate Curriculum Committee, Auburn University (2015 – present)
- Department of Human Development and Family Science Mission Statement Committee, Auburn University (2016)
- Faculty judge for Auburn's student "This is Research" intra-university conference (2016 – 2019)
- Faculty reviewer for Distinguished Master's Thesis award nominations in the College of Human Environmental Sciences (2016)
- Society for Research in Child Development Panel 2 Invited Reviewer (2017), *Biology and Neuroscience*
- Society for Research in Child Development Panel 2 Paired Mentor-Student Reviewer (2015), *Biological Processes*
- Society for Research on Adolescence Panel 9 Chair (2014), *Biological Processes and Evolutionary Perspectives*
- National Institute of Justice Grant Reviewer (2014); *Comprehensive School Safety Initiatives*
- National Institute of Justice Grant Reviewer (2013, 2014); *Research on Offender Decision Making*
- Invited Speaker, George Mason University (2013), *Allostatic Load and Psychopathology*
- Society for Research in Child Development Panel 13 Invited Reviewer (2013), *Health and Neurophysiology*
- Psychology Department Developmental Curriculum Committee, Catholic University of America
- Psychology Department Teaching Assistantship Committee, Catholic University of America
- Psychology Departmental Meeting Secretary, Catholic University of America
- Psychophysiological Data Collection and Analysis Training, Auburn University
- Graduate Student Colloquium Co-chair, UNC Greensboro
- Quint State Committee Co-chair, UNC Greensboro