

January 2024

**S. ALEXANDRA BURT (ALEX)**

Department of Psychology  
Michigan State University  
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**EDUCATION**

University of Minnesota, Minneapolis, MN - Doctor of Philosophy  
Clinical Psychology/ Behavioral Genetics, May 2004

Dissertation: *The nature of the association between parent-child conflict and child externalizing pathology*  
Advisors: Matt McGue, PhD, William G. Iacono, PhD  
Committee: Matt McGue, PhD, Robert F. Krueger, PhD, William G. Iacono, PhD, Canan Karatekin, PhD

University of Minnesota, Minneapolis, MN – Master of Arts  
Clinical Psychology/ Behavioral Genetics, January 2001

Thesis: *Sources of comorbidity among ADHD, CD, and ODD: The importance of shared environment*  
Advisors: Matt McGue, PhD, William G. Iacono, PhD  
Committee: Canan Karatekin, PhD, Matt McGue, PhD, Robert F. Krueger, PhD

Emory University, Atlanta, GA

Bachelor of Arts – *Magna cum laude* in Psychology; second major in History, May 1996

**CURRENT POSITIONS**

Diamond Distinguished Endowed Professor, Department of Psychology, Michigan State University  
Assistant Director, Research and Innovation Faculty Mentor in the Office of Research and Innovation at  
Michigan State University

**PRIOR POSITIONS**

Professor, Department of Psychology, Michigan State University, June 2015 to October 2022  
Associate Professor, Department of Psychology, Michigan State University, June 2010 to June 2015  
Assistant Professor, Department of Psychology, Michigan State University, August 2004 to June 2010  
Predoctoral Clinical Psychology Intern, Department of Psychology, Hennepin County Medical Center,  
August 2002 to August 2003

**ACADEMIC HONORS**

The inaugural Diamond Distinguished Endowed Professor, 2022  
Fellow, Association for Psychological Science (APS), 2021  
Erin Phelps Award, Society for the Study of Human Development, 2021  
Early Career Impact Award, Federation of Associations in Behavioral and Brain Sciences (FABBS)  
Foundation, 2013  
Early Career Award, Society for Research in Psychopathology, 2010  
Fuller and Scott Early Career Award, Behavioral Genetics Association, 2009

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National Institutes of Mental Health (NIMH)/ National Institutes on Drug Abuse (NIDA) Travel Award to the Society for Prevention Research conference, May 2007  
Doctoral Dissertation Fellowship, University of Minnesota, 2003-2004  
National Institutes of Mental Health Neurobehavioral Aspects of Personality and Psychopathology Training Grant, University of Minnesota, 2000-2002  
Honorable Mention, National Science Foundation  
Graduate School Block Grant Fellowship, University of Minnesota, 1998-1999  
Southeastern Regional Research Award, PSI CHI, 1996  
High Honors, Psychology, Emory University, 1996

## **GRANTS**

### **Submitted Grants**

- 1) The National Institute of Environmental Health Sciences (NIEHS): "Illuminating the neighborhood exposome and its effects on child mental health"; \$3,818,780 (total costs); 8/01/2022 – 7/31/2027.  
*Role: Principal Investigator (with Amber Pearson)*

### **Currently Funded Grants**

- 1) The National Institute on Aging (NIA), RF1-AG073189: "Quantifying the contributions of mitochondrial DNA to Alzheimer's Disease and related conditions of aging"; \$1,542,903 (total costs); 8/15/2021 – 7/31/2024.  
*Role: Principal Investigator*
- 2) The Eunice Kennedy Shriver National Institute for Child Health and Human Development (NICHD), R01-HD102066: "Examining the methylomic consequences of neighborhood disadvantage for youth risk-taking behavior"; \$2,898,245 (total costs); 7/20/2021 – 5/31/2026.  
*Role: Principal Investigator (with Shaunna Clark)*
- 3) National Institutes of Mental Health (NIMH), R01-MH128196: "Hormonal Mechanisms of Perimenopausal Risk for Psychosis in Women"; Klump, Thakkar, & Culbert (Principal Investigators); \$3,877,370 (total costs); 1/2/2022-1/1/2027  
*Role: co-Investigator*
- 4) The Eunice Kennedy Shriver National Institute for Child Health and Human Development (NICHD), R01-HD093334: "Neurobiological pathways underlying maladaptive behaviors in youth"; \$3,081,989 (total costs); 8/18/2017 – 5/31/2024.  
*Role: Principal Investigator (with Luke Hyde)*
- 5) The National Institute of Mental Health (NIMH), UG3/UH3-MH114249: "Mechanisms underlying resilience to neighborhood disadvantage"; \$3,492,751 (total costs); 9/01/2017 – 8/31/2023.  
*Role: Principal Investigator (with Luke Hyde)*
- 6) The National Institute of Mental Health (NIMH), UH3-MH114249-03S1, Administrative Supplement: "Mechanisms underlying resilience to neighborhood disadvantage"; \$312,270 (total costs); 9/01/2020 – 8/31/2022.  
*Role: Principal Investigator (with Luke Hyde)*
- 7) The National Institute of Mental Health (NIMH), UH3-MH114249-05S1, Administrative Supplement: "Mechanisms underlying resilience to neighborhood disadvantage"; \$344,473 (total costs); 7/28/2022 – 6/30/2023.  
*Role: Principal Investigator (with Luke Hyde)*

- 8) The National Institute of Mental Health, R01: “A Twin Study of Exogenous Hormone Exposure and Risk for Binge Eating”; Klump (Principal Investigator); \$2,544,588 (direct costs); 3/1/2017 – 3/31/2024.  
*Role: co-Investigator*
- 9) The National Institute of Mental Health, R01, MH117940, “A Twin Study of Androgen Effects on Binge Eating Risk during Puberty in Males”; Klump & Culbert (Principal Investigators); 2/15/19-12/31/2023.  
*Role: co-Investigator*

### **Mentored Grants**

- 1) NICHD, K99/R00 Pathway to Independence Award (K99/R00 HD110604) “The Development of Youth Resilience to Neighborhood Disadvantage”; Elizabeth Shewark (Mentee); \$209,953 (total costs for the K99 portion); 12/1/2022-11/30/2027.  
*Role: Primary Mentor for the K99*
- 2) NICHD, F31 Ruth L. Kirschstein Individual National Research Service Award Predoctoral Fellowship (F31 HD111273); “Illuminating the Developmental Etiology of Youth Resilience”; Alexandra Y. Vazquez (Mentee); \$77,912 (total costs); 1/2/2023-12/31/2024.  
*Role: Primary Mentor*
- 3) Global Foundation for Eating Disorders (GFED); “How Does Disadvantage ‘Get Under the Skin’ to Influence Eating Disorders? A Longitudinal Study of Epigenetic Mechanisms”; Mikhail (Trainee); Klump, Burt (Principal Investigators); \$5,875 (direct costs); 1/1/2022-12/30/2023.
- 4) NICHD, F32 Ruth L. Kirschstein Postdoctoral Individual National Research Service Award (F32 HD098780); “Neighborhood, genotype, and development”; Elizabeth Shewark (Mentee); \$183,690 (direct costs); 6/1/2019-5/31/2022.  
*Role: Primary Mentor*
- 5) National Science Foundation, Graduate Research Fellowship, “Identifying Epigenetic Biomarkers of Resilience”; Alexandra Y. Vazquez (Mentee); \$138,000 (direct costs); 9/1/2019-8/31/2022.  
*Role: Primary Mentor*
- 6) NICHD, F31 Ruth L. Kirschstein Individual National Research Service Award Predoctoral Fellowship (F31 HD098780); “The role of environmental disadvantage in the etiologic moderation of children’s antisocial behavior”; Sarah Carroll (Mentee); \$183,690 (total costs); 4/1/2020-3/30/2023.  
*Role: Primary Mentor*

### **Previously Funded Grants**

- 1) National Human Genome Research Institute, R21, HG10073, “Novel Methods for Longitudinal Study of Synergistic Gene-Environment Interactions in Complex Diseases”; Cui (Principal Investigator); 5/1/2019-4/30/2022.  
*Role: co-Investigator*
- 2) The National Institute of Mental Health, R01, MH110793, “In utero Assessment of the Human Neural Connectome and Later Child Behavior”; Thomason (Principal Investigator); \$521,528 (total costs); 7/15/2016 – 4/30/2021.  
*Role: co-Investigator*

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- 3) Collaborative Research Proposal, Michigan State University, Department of Psychology, "The effects of early-life disadvantage on antisocial behavior"; \$15,000; 11/8/2019-4/30/2020.  
*Role: Principal Investigator (with Joseph Lonstein)*
- 4) The Templeton Foundation, Genetics and Human Agency Initiative: "Understanding "what could be": Heritability in a randomized twin design"; \$425,000 (direct costs); 2/15/2017 – 2/15/2020.  
*Role: Principal Investigator (with David Z. Hambrick)*
- 5) American Heart Association: "Epigenomics of Hypertension in Monozygotic Twins and Effect of Salt Intake"; Vidya (Principal Investigator); \$475,272; 4/01/2015-3/31/2019.  
*Role: co-Investigator*
- 6) The National Institute for Environmental Health Sciences, R21, ES026022: "Consequences of prenatal toxicant exposure on fetal brain function"; \$451,156 (total costs); 7/1/2015-6/30/2018.  
*Role: Principal Investigator (with Moriah Thomason)*
- 7) The Avielle Foundation, Conway Family Award for Excellence in Neuroscience: "Elucidating Neurodevelopmental Pathways to Violence and Antisocial Behavior"; \$80,000; 11/01/2015 – 10/31/2017.  
*Role: Principal Investigator (with Luke W. Hyde)*
- 8) The Eunice Kennedy Shriver National Institute for Child Health and Human Development, R01, HD066040: "Integrating contextual, proximal, and individual risks for child conduct problems"; \$3,563,605 (total costs); 7/25/10 – 5/31/16.  
*Role: Principal Investigator*
- 9) National Institute for Mental Health, R01, MH081813: "Gene-environment interactions in childhood conduct problems"; \$1,597,804 (total costs); 7/01/08 – 3/31/14.  
*Role: Principal Investigator*
- 10) The Eunice Kennedy Shriver National Institute for Child Health and Human Development, R01 Administrative Supplement, HD066040: "Integrating contextual, proximal, and individual risks for child conduct problems"; \$99,998 (total costs); 6/1/2013 – 5/31/2016.  
*Role: Principal Investigator*
- 11) National Institute of Mental Health, R01: "The effects of estradiol on genetic risk for disordered eating during puberty"; Klump (Principal Investigator); \$3,545,295 (total costs); 9/30/10 – 4/30/16.  
*Role: co-Investigator*
- 12) National Institute of Mental Health, R01; "A twin study of ovarian hormones and disordered eating"; Klump (Principal Investigator); \$2,795,126 (total costs); 7/01/08 – 6/30/14.  
*Role: co-Investigator*
- 13) The National Institute of Deafness and Other Communication Disorders, R21, "Imaging genetics study of twins who stutter"; Chang (Principal Investigator); \$275,000 (direct costs); 7/1/2016 – 6/30/2018.  
*Role: co-Investigator*
- 14) Strategic Partnership Grants, Michigan State University, #11-SPG-2408: "The Children of Twins Registry"; \$400,000 (direct costs); 7/01/2012 - 6/30/2016.  
*Role: Principal Investigator (with Kelly Klump)*

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- 15) National Institute for Mental Health, R01 Administrative Supplement, MH081813: “Gene-environment interactions in childhood conduct problems”; \$84,074 (total costs); 05/07/2013 – 11/05/13.  
*Role: Principal Investigator*
- 16) National Institute of Mental Health, R01 Administrative Supplement; “A Twin Study of Ovarian Hormones and Disordered Eating”; Klump (Principal Investigator); \$170,380 (total costs); 7/01/12 – 6/30/13.  
*Role: co-Investigator*
- 17) National Institute of Mental Health, R01 Administrative Supplement, American Reinvestment and Recovery Act; “A twin study of ovarian hormones and disordered eating”; Klump (Principal Investigator); \$267,733 (total costs); 10/01/09 – 9/30/11.  
*Role: co-Investigator*
- 18) The Michigan Bloodspot Environmental Epidemiology Project, University Research Corridor Pilot Project Program; “Confirming uterine influences on adverse health outcomes in childhood: A twin-sibling study”, \$25,000; 5/07/2013 – 5/06/2014.  
*Role: Principal Investigator*
- 19) The Michigan Bloodspot Environmental Epidemiology Project, University Research Corridor Pilot Project Program; “Gene-environment interplay and young children’s executive functioning”; Trentacosta (Principal Investigator); \$25,000; 5/07/2013 – 5/06/2014.  
*Role: co-Investigator*
- 20) College of Social Science Faculty Initiatives Fund, Michigan State University, “Family context, genes, and childhood psychopathology: A pilot study”; \$10,000 (direct costs); 05/01/09 – 4/30/10.  
*Role: Principal Investigator*
- 21) Intramural Grants Program, Michigan State University, #04-IRGP-232: “Gene-environment interactions in childhood antisocial behavior”; \$50,000 (direct costs); 5/15/05 – 12/14/06.  
*Role: Principal Investigator*
- 22) Competitive Discretionary Funds Program, Michigan State University: “Etiology of adolescent personality development”; PI: Christopher J. Hopwood, \$37,672 (direct costs); 6/01/10 – 5/31/12.  
*Role: co-Principal Investigator*

#### **PEER-REVIEWED PUBLICATIONS (N = 237; \* student paper, ^ joint first author)**

**Burt, S.A.**, Shewark, E.A., Shero, J., Pearson, A.M., Anaya, C., Neiderhiser, J.M., Klump, K.L., & Lonstein, J.S. (2023). Child effects on positive parenting vary with neighborhood opportunity. *Developmental Psychology*.

\*Mikhail, M. E., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (In press). Changes in affect longitudinally mediate associations between emotion regulation strategy use and disordered eating. *International Journal of Eating Disorders*.

\*Mikhail, M. E., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (In press). Comorbidity between internalizing symptoms and disordered eating is primarily driven by genetic influences on emotion regulation in adult female twins. *Clinical Psychological Science*.

Russman Block, S., Klump, K.L., Winters, A., Beltz, A., **Burt, S.A.**, & Moser, J.S. (in press). Ovarian hormones reduce the negative association between worry and cognitive control: A combined neural and behavioral investigation. *Psychoneuroendocrinology*.

- \*Suarez, G.L., **Burt, S.A.**, Gard, A.M., Klump, K.L., & Hyde, L.W. (in press). Exposure to community violence as a mechanism linking neighborhood disadvantage to amygdala reactivity and the protective role of parental nurturance. *Developmental Psychology*.
- \*Westerman, H.B., **Burt, S.A.**, Richmond-Rickerd, L.S., Suarez, G.L., Nusslock, R., Klump, K.L., & Hyde, L.W. (in press). Exposure to community violence as a mechanism linking neighborhood socioeconomic disadvantage and neural response to reward. *Social Cognitive and Affective Neuroscience*.
- \*Suarez, G.L., Boone, M., **Burt, S.A.**, Shewark, E.A., Mitchell, C., Guzman, P., Lopez-Duran, N.L., Klump, K.L., Monk, C.S., & Hyde, L.W. (in press). Parent mental health before and during the COVID-19 pandemic. *Child Psychiatry & Human Development*.
- Shewark, L.A., Vazquez, A.Y., Pearson, A.M., Klump, K.L., & **Burt, S.A.** (in press). Neighborhood features moderate genetic and environmental influences on children's social information processing. *Developmental Psychology*.
- Burnette, C.B., **Burt, S.A.**, & Klump, K.L. (in press). The ignored role of disadvantage in eating disorders. *Trends in Molecular Medicine*.
- \*Quiñones, I.C., Selkie, E., Mammel, K.A., Haedt-Matt, A., Klump, K.L., **Burt, S.A.**, Van Huysse, J.L. (in press). Disordered eating in transgender and gender non-conforming youth: A comparison to community-based and clinical samples. *European Eating Disorders Review*.
- \*Bezak, J.L., Tillum, S., Suarez, G.L., **Burt, S.A.**, Vazquez, A.Y., Michael, C., Sripada, C., Klump, K.L., & Hyde, L.W. (in press). Functional brain network organization and multi-domain resilience to neighborhood disadvantage in youth. *American Psychologist*.
- \*Pascoe, L.A., Mikhail, M.E., **Burt, S.A.**, Culbert, K.M., & Klump, K.L. (in press). Shared genetic influences between eating disorders and gastrointestinal disease in a large, population-based sample of adult women and men. *Psychological Medicine*.
- \*Vazquez, A.Y., Shewark, E.A., Hyde, L.W., Klump, K.L., & **Burt, S.A.** (2024). Parental nurturance moderates the heritability of youth resilience. *Behavioral Genetics*, 54, 137-149.
- \*Carroll, S.C., Shewark, E.A., Mikhail, M.E., Thaler, D.J., Pearson, A.M., Klump, K.L. & **Burt, S.A.** (in press). Identifying the 'active ingredients' of socioeconomic disadvantage for youth outcomes in middle childhood. *Development & Psychopathology*.
- \*Mikhail, M.E., Ackerman, L.S., Anaya, C., Culbert, K.M., **Burt, S.A.**, & Klump, K.L. (2023). Associations between household income and disordered eating differ across sex and racial identity in a population-based sample of adults. *International Journal of Eating Disorders*, 56, 1391-1405.
- Rolan, E. P., Mikhail, M. E., Culbert, K. M., **Burt, S.A.**, Klump, K. L. (2023). Estrogen moderation of genetic influences on eating disorder symptoms during gonadarche in girls: Specific effects on binge eating. *Psychoneuroendocrinology*, 158, 106384.
- \*Michael, C., Tillem, S., Sripada, C. S., **Burt, S. A.**, Klump, K. L., & Hyde, L. W. (2023). Neighborhood poverty during childhood prospectively predicts adolescent functional brain network architecture. *Developmental Cognitive Neuroscience*, 64, 101316.

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- Hendrix, C., Ji, L., Majbri, A., Werchan, D., Trentacosta, C., **Burt, S.A.**<sup>†</sup>, & Thomason, M.<sup>†</sup> (2023). Fetal frontolimbic connectivity prospectively associates with aggression in toddlers. *Biological Psychiatry: Global Open Science*, 3, 969-978. († Indicates equal contribution)
- \*Kim, M., Ellithorpe, M., & **Burt, S.A.** (2023). Anonymity and its role in digital aggression: A systematic review. *Aggression and Violent Behavior*, 72, 101856.
- Thakkar, K.N., McCleery, A., Minor, K.S., Lee, J., Humpston, C.S., Chopik, W.J., **Burt, S.A.**, Pearson, A.L., Ungar, M., & Park, S. (2023). Moving from risk to resilience in psychosis research. *Nature Reviews Psychology*, 2, 537-555.
- \*Carroll, S.L., Klump, K.L. & **Burt, S.A.** (2023). Understanding the effects of neighborhood disadvantage on youth psychopathology. *Psychological Medicine*, 53 (7), 3036-3046.
- Lonstein, J.S., Vitale, E.M., Olekanma, D., McLocklin, A., Pence, N., Bredewold, R., Veenema, A.H., Johnson, A.W., & **Burt, S.A.** (2023). Anxiety, aggression, reward sensitivity, and forebrain dopamine receptor expression in a laboratory rat model of early-life disadvantage. *Developmental Psychobiology*, e22421.
- Burt, S.A.** & Johnson W. (2023). Joint consideration of means and variances might change our understanding of etiology. *Perspectives in Psychological Science*, 18(2), 416-427.
- Fowler, N., Mikhail, M. E., Neale, M., Keel, P. K., Katzman, D. K., Sisk, C. L., **Burt, S. A.**, & Klump, K. L. (2023). Between- and within-person effects of stress on emotional eating in women: A longitudinal study over 49 days. *Psychological Medicine*, 53 (11), 5167-5176.
- \*Carroll, S.C., Mikhail, M.E., & **Burt, S.A.** (2023). The development of youth antisocial behavior across time and context: A systematic review and integration of person-centered and variable-centered research. *Clinical Psychology Review*, 102253.
- \*Dotterer, H. L.<sup>^</sup>, Vazquez, A.Y.<sup>^</sup>, Hyde, L.W., Neumann, C.S., Santtila, P., Pezzoli, P., Johansson, A., & **Burt, S. A.** (2023). Elucidating the role of negative parenting in the genetic versus environmental influences on adult psychopathic traits. *Psychological Medicine*, 53, 897-907.
- \*Mikhail, M. E., Carroll, S.C., Clark, D.A., O'Connor, S.M., Culburt, K.M., **Burt, S. A.**, & Klump, K. L. (2023). Disadvantage and disordered eating in boys: Examining phenotypic and genotype x environment associations across development. *Journal of Psychopathology and Clinical Science*, 132, 51-62.
- Burt, S.A.**, Thaler, D., Shewark, E.A., Pearson, A.M., Anaya, C., Tomlinson, R.C., Neiderhiser, J.M., Klump, K.L., & Lonstein, J.S. (2023). Illuminating associations between parenting and deleterious neighborhood characteristics via an exhaustive modeling approach. *Journal of Marriage and Family*, 85, 153-172.
- \*Mikhail, M. E., Ackerman, L.S., Culbert, K.M., **Burt, S. A.**, Neale, M.C., Keel, P.K., Katzman, D.K. & Klump, K. L. (2023). A cotwin control study of associations between financial hardship and binge eating phenotypes during COVID-19. *International Journal of Eating Disorders*, 56, 132-142.
- \*Tomlinson, R. C., Hyde, L. W., Weigard, A., Klump, K. L., & **Burt, S. A.** (2022). The role of parenting in the intergenerational transmission of executive functioning: A genetically informed approach. *Development & Psychopathology*, 34(5), 1731-1743.
- O'Connor, S. M., Mikhail, M. E., Anaya, C., Haller, L. L., **Burt, S. A.**, McGue, M., Iacono, W. G., & Klump, K. L. (2022). Exploring the possibility of parents' broad internalizing phenotype acting through

passive gene-environment correlations on daughters' disordered eating. *Development & Psychopathology*, 34(5), 1744-1755.

**Burt, S.A.**, Clark, D.A., & Neiderhiser, J.M. (2022). Illuminating the origins of the intergenerational transmission of psychopathology with a novel genetically informed design. *Development & Psychopathology*, 34 (5), 1756-1766.

Tielbeek, J., Uffelmann, E., Williams, B., Colodro-Conde, L., Gagnon, E., ... **Burt, S.A.** ...Posthuma, D. (2022). Uncovering the genetic architecture of broad antisocial behavior through a genome-wide association study meta-analysis. *Molecular Psychiatry*, 27, 4453-4463.

\*Blanchett, R., Chen, Y., Aguante, F., Xia, K., Cornea, E., **Burt, S.A.**, de los Campos, G., Gao, W., Gilmore, J., & Knickmeyer, R.C. (2022). Genetic and environmental factors influencing neonatal resting-state functional connectivity. *Cerebral Cortex*, bhac383.

Silventoinen, K., Li, W., Jelenkovic, A., Sund, R., Yokoyama, Y., ... **Burt, S.A.**, ... & Kaprio, J. (2022). Changing genetic architecture of body mass index from infancy to early adulthood: A individual based pooled analysis of 25 twin cohorts. *International Journal of Obesity*, 46, 1901-1909.

Culbert, K.M., Milá Roa, A., Stevens, K., Sisk, C.L., **Burt, S.A.**, & Klump, K.L. (2022). Pubertal emergence of testosterone effects on depressive symptoms in boys. *Journal of Child Psychology and Psychiatry – Advances*, 2(3), e12088.

Pearson, A.M., Shewark, E.A., & **Burt, S.A.** (2022). Associations between neighborhood built, social, or toxicant conditions and child externalizing behaviors in the Detroit Metro area: A cross-sectional study of the neighborhood 'exposome'. *BMC Public Health*, 22(1), 1064.

Klump, K.L., Mikhail, M., Anaya, C., Fowler, N., Neale, M.C., Keel, P.K., Gearhardt, A.N., Katzman, D.K., Sisk, C.L., & **Burt, S.A.** (2022). The effects of the COVID-19 pandemic on disordered eating symptoms in women: A 49-day, daily study before and during the outbreak in the USA. *Journal of Psychopathology and Clinical Science*, 131, 769-779.

Jami, E.S., Hammerschlag, A.R., Ip, H.F., Allegrini, A.G.... **Burt, S.A.**, ... Middeldorp, C.M. (2022). Genome-wide association meta-analysis of childhood and adolescent internalizing symptoms. *Journal of the American Academy of Child and Adolescent Psychiatry*, 61, 934-945.

\*Mikhail, M. E., Fowler, N., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (2022). A daily diary study of emotion regulation as a moderator of negative affect-binge eating associations. *International Journal of Eating Disorders*, 55, 1305-1315.

\*Anaya, C., **Burt, S.A.**, & Klump, K.L. (2022). An investigation of associations between parenting and binge eating across pubertal development in pre-adolescent and adolescent female participants. *International Journal of Eating Disorders*, 55, 1811-1823.

Shewark, E.A., Matern, M., Klump, K.L., Levendosky, A.A., & **Burt, S.A.** (2022). Interpersonal complementarity as a predictor of parent-child relationship quality. *Journal of Family Psychology*, 36, 885-895.

\*Tomlinson, R. C., Hyde, L. W., Dotterer, H. L., Klump, K. L., & **Burt, S. A.** (2022). Parenting moderates the etiology of callous-unemotional traits in middle childhood. *Journal of Child Psychology & Psychiatry*, 63, 912-920.



- Wang, H., Zhang, J., Klump K.L., **Burt, S.A.**, & Cui, Y. (2022). Multivariate partial linear varying with coefficients model for gene-environment interactions with multiple longitudinal traits. *Statistics in Medicine*, *41*, 3643-3660.
- Burt, S.A.** (2022). The genetic, environmental, and cultural forces influencing youth antisocial behavior are tightly intertwined. *Annual Review of Clinical Psychology*, *18*, 155-178.
- Rutherford, S., Frazza, C., Dinga, R.,... **Burt, S.A.**, ... & Marquand, A. (2022). Charting brain growth and aging at high spatial precision. *eLife*, *11*, e7290.
- Peckins, M.K., Westerman, H.B., **Burt, S.A.**, Murray, L., Alves, M., Gearhardt, A.N., Klump, K.L., & Hyde, L.W. (2022). A brief child-friendly reward task reliably activates the ventral striatum in two samples of socioeconomically diverse youth. *PLoS ONE*, *17*(2), e0263368.
- \*Suarez, G.L., **Burt S.A.**, Gard, A.M., Burton, J., Clark, D.A., Klump, K.L. & Hyde, L.W. (2022). The impact of neighborhood disadvantage on amygdala reactivity: Pathways through neighborhood social processes. *Developmental Cognitive Neuroscience*, *54*, 101061.
- Beam, C.R., Pezzoli, P., Mendle, J., **Burt, S.A.**, Neale, M., Boker, S., Keel, P.K., & Klump, K.L. (2022). How nonshared environmental factors come to correlate with heredity. *Development & Psychopathology*, *34*, 321-333.
- \*Carroll, S.L., Shewark, E.A., Hyde, L.W., Klump, K.L. & **Burt, S.A.** (2021). Understanding the effects of the COVID-19 pandemic on youth psychopathology: Genotype-environment interplay. *Biological Psychiatry: Global Open Science*, *1*, 345-353.
- \*Mikhail, M.E., Carroll, S.L., Clark, D.A., O'Connor, S., **Burt, S.A.**, & Klump, K.L. (2021). Context matters: Neighborhood disadvantage is associated with increased disordered eating and earlier activation of genetic influences in girls. *Journal of Abnormal Psychology*, *130*, 875-885.
- \*Vazquez, A. Y., Shewark, E. A., Clark, D. A., Klump, K. L., Hyde, L. W., & **Burt, S. A.** (2021). The etiology of resilience to disadvantage. *JCPP Advances*, *1*(3), e12033.
- Vo, P.T., Fowler, N., Rolan, E.P., Culbert, K.M., Racine, S.E., **Burt, S.A.**, & Klump, K.L. (2021). The effects of puberty on associations between mood/personality factors and disordered eating symptoms in girls. *International Journal of Eating Disorders*, *54*, 1619-1631.
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**\*\*Awarded the Erin Phelps Award by the Society for the Study of Human Development for the best article in the journal over the last two years.**
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**OTHER PUBLICATIONS/ BOOK CHAPTERS (16 to date; \* indicates a student paper)**

Shewark, E.A., Carroll, S., & **Burt, S.A.** (2023). The effects of genotype-environment interplay on psychopathology vary across development. In Drs. M. Friedman and C. Markey (Eds.), *The Encyclopedia of Mental Health (3rd Edition, volume1)*. Elsevier, Academic Press.  
<https://dx.doi.org/10.1016/B978-0-323-91497-0.00157-0>

**Burt, S.A.**, Clark, D.A., Gershoff, E.T., Klump, K.L., & Hyde, L.W. (2021). Twin study shows that link between harsh parenting and youth antisocial behavior is environmental, not genetic, in origin. *PRC Research Brief* 6(4). DOI: 10.26153/tsw/12055

**Burt, S.A.**, Halperin, J.M., & Oldehinkel, A.J. (2018). Editorial: Troubled trajectories – new insights on risk pathways and developmental phenotypes of ADHD and externalizing problems. *Journal of Child Psychology and Psychiatry*, *59*, 1033-1035.

**Burt, S.A.** (2017). Editorial: Finding the silver lining: Incorporating resilience and adaptiveness into studies of psychopathology. *Journal of Child Psychology and Psychiatry*, *58*, 529-531.

**Burt, S.A.** (2016). Editorial: Chickens and eggs – how should we interpret environment-behavior associations? *Journal of Child Psychology and Psychiatry*, *57*, 113-115.

**Burt, S.A.** (2015). Editorial: A double-edged sword: advantages and disadvantages to the current emphasis on biogenetic causes of child psychopathology. *Journal of Child Psychology and Psychiatry*, *56*, 105-107.

Hyde, L.W., Waller, R., & **Burt, S.A.** (2014). Commentary on Dadds et al. (2013): Improving treatment for youth with Callous-Unemotional traits through the intersection of basic and applied science. *Journal of Child Psychology and Psychiatry*, *55*, 781-783.

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**Burt, S.A.** (2010). Are there shared environmental influences on Attention-Deficit/Hyperactivity Disorder? Reply to Wood, Buitelaar, Rijdsdijk, Asherson, and Kuntsi (2010). *Psychological Bulletin*, 136, 341-343.

**Burt, S. A.** (2010). The importance of phenotype in explorations of gene-environment interplay. In A. Booth, S. M. McHale & N. S. Landale (Eds.), *Biosocial Foundations of Family Processes* (pp. 85-94). New York.

**Burt, S.A.** (2008). Gene-environment interactions and their impact on the development of personality traits. *Psychiatry*, 7, 507-510.

#### **INVITED PRESENTATIONS (35 to date; \* indicates a student paper)**

**Burt, S.A.** (February, 2023). Neighborhood disadvantage alters the origins of youth externalizing behavior. Colloquium, Michigan State University, East Lansing, MI.

**Burt, S.A.** (June, 2022). Neighborhood disadvantage alters the origins of youth externalizing behavior. Colloquium, McGill University, Montreal, Canada.

**Burt, S.A.** (February, 2022). Some new dimensions in the 'multiverse' of psychological science. Brown bag, MSU Clinical Psychology program.

**Burt, S.A.** (October, 2021). Putting the etiology of youth externalizing behavior in context. Grand Rounds presentation, Oregon Health Sciences, Portland, OR.

**Burt, S.A., Plaisance, K.S., & Hambrick, Z.** (May, 2019). Understanding "what could be": A call for a more experimental behavioral genetics. Invited presentation, Genetics of Human Agency meeting, Wintergreen, VA.

**Burt, S.A.** (December, 2018). Altering heritability using a micro-intervention. Invited presentation, Genes, Schools and Interventions to Address Education Inequality, Austin, TX.

**Burt, S.A.** (November, 2018). It really does take a village: How neighborhood shapes etiology of Conduct Problems. Invited presentation, Clinical program, Department of Psychology, University of Michigan, Ann Arbor, MI.

**Burt, S.A.** (October, 2018). It really does take a village: How neighborhood shapes the etiology. Invited presentation, Developmental program, Department of Psychology, University of Michigan, Ann Arbor, MI.

**Burt, S.A., Plaisance, K.S., & Hambrick, Z.** (May, 2018). Understanding "what could be": A call for a more experimental behavioral genetics. Invited presentation, Genetics of Human Agency meeting at the University of Virginia, Charlottesville, VA.

**Burt, S.A.** (April, 2018). It really does take a village: How neighborhood shapes etiology. Invited presentation, Michigan State University, RAIND Initiative, East Lansing, MI.

**Burt, S.A.** (March, 2017). It really does take a village: The role of the neighborhood in child antisocial behavior. Invited presentation, Grand Valley State University, Grand Rapids, MI.

**Burt, S.A.** (November, 2016). It really does take a village: The role of the neighborhood in child antisocial behavior. Invited presentation, The Pennsylvania State University, University Park, PA.



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- Burt, S.A.** (September, 2016). How do we optimally conceptualize the heterogeneity in antisocial behavior? Invited presentation, Grand Rounds, Montifiore Medical Center, New York City, NY.
- Burt, S.A.** (April, 2016). Genetic influences on aggression and violent behavior: What do we know and what are the implications? Invited presentation, as part of the 2016 annual conference entitled *The Search for Genetic Origins of Human Behavior: Ethical, Legal, and Social Implications*. The Center for Research on Ethical, Legal, and Social Implications of Psychiatric, neurologic and Behavior Genetics, Columbia University Medical Center, New York City, NY.
- Burt, S.A.** (December, 2015). It really does take a village: The role of the neighborhood in child antisocial behavior. Invited presentation, Wayne State University, Detroit, MI.
- Burt, S.A.** (December, 2015). It really does take a village: The role of the neighborhood in child antisocial behavior. Invited presentation, University of Rochester, Rochester, NY.
- Burt, S.A.** (September, 2015). It really does take a village: The role of the neighborhood in child antisocial behavior. Invited presentation, University of Southampton, Southampton, United Kingdom.
- Burt, S.A.** (May, 2014). Scientific mountaineering and the role of technology. Presidential cross-cutting symposium, entitled "Science and Technology". Symposium presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Burt, S.A.** (November, 2013). Thinking through the origins of human aggression. Invited presentation at the Institute for Social Research Group Dynamics Seminar, University of Michigan.
- Burt, S.A.** (October, 2013). How do we optimally conceptualize the heterogeneity in antisocial behavior? Invited presentation at the Department of Psychiatry Grand Rounds, University of Vermont.
- Burt, S.A.** (September, 2012). How do we optimally conceptualize the heterogeneity in antisocial behavior? Invited presentation at the Clinical Science Forum, Department of Psychology, Michigan State University.
- Burt, S.A.** (2011, September). Genes, rule-breaking, and popularity: Evidence of an evocative gene-environment correlation. Invited speaker at the National Institute of Aging (NIA) workshop, "The Role of Genetic and Environmental Factors across the Lifecourse: Improving the Rigor of Causal Inference", Chicago, IL.
- Burt, S.A.** (2011, April). Examinations of gene-environment interplay in antisocial behavior. Invited presentation, University of Chicago, Chicago, IL.
- Burt, S.A.** (March, 2011). Critical periods in the development of child conduct problems: Aggressive versus non-aggressive conduct problems. Invited plenary speaker at the annual meeting of the National Institute of Mental Health's (NIMH) Outreach Partnership Program, Houston, TX.
- Burt, S.A.** (2010, February). Genes, rule-breaking, and popularity: Evidence of an evocative gene-environment correlation. Invited speaker at the University of Wisconsin – Milwaukee, Department of Psychology, Milwaukee, WI.
- Burt, S. A.** (2010, January). Genes, rule-breaking, and popularity: Evidence of an evocative gene-environment correlation. Invited talk, Facultad de Psicología, Departamento de Psicobiológica, Universidad de Murcia.

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- Burt, S. A.** (2010, January). Age-related changes in genetic and environmental influences: An example. Invited workshop, Facultad de Psicología, Departamento de Psicobiología, Universidad de Murcia.
- Burt, S. A.** (2010, January). Primer on the analysis of twin data. Invited workshop, Facultad de Psicología, Departamento de Psicobiología, Universidad de Murcia.
- Burt, S.A.** (2009, October). Gene-environment interplay in antisocial behavior. Invited Plenary Symposium speaker at the biennial meeting of the Society for the Study of Human Development, Ann Arbor, MI.
- Burt, S.A.** (2009, October). Gene-environment interplay and the family. Invited discussant at the 17<sup>th</sup> annual Symposium on Family Issues entitled "Biosocial Research Contributions to Understanding Family Processes and Problems", The Pennsylvania State University, State College, PA.
- Burt, S.A.** (2009, March). Twin research at MSU. Invited talk, Genetics program, Michigan State University.
- Burt, S.A.** (2009, February). Genes, rule-breaking, and popularity: Evidence of an evocative gene-environment correlation. Invited talk, Behavioral Biology group, Neuroscience program, Michigan State University.
- Burt, S.A.** (2009, February). Exploring the role of gene-environment interplay in the development of antisocial behavior. Invited talk, University of Michigan.
- Burt, S.A.** (2008, May). Developmental changes in the etiology of aggressive and rule-breaking antisocial behavior: An evolutionary interpretation. Invited presentation at the Society for Prevention Research pre-conference workshop entitled "Antisocial Behavior" A Clinical and Social Problem Considered from Evolutionary Perspectives", San Francisco, CA.
- Burt, S.A.** (2007, February). Examinations of gene-environment interplay in antisocial behavior. Invited talk, The Pennsylvania State University.
- Burt, S.A.** (2003, November). Examinations of gene-environment interplay in antisocial behavior. Invited talk, Michigan State University.
- Burt, S.A.** (2003, December). Examinations of gene-environment interplay in antisocial behavior. Invited talk, City University of New York.

#### **CONFERENCE PRESENTATIONS (252 to date; \* indicates a trainee/student paper)**

- \*Carroll S. L., Di Dio, A. M., Klump, K. L., Hyde, L. W., & Burt, S. A. (2024). Understanding desistance from aggression: an empirical integration of person-centered and variable-centered approaches. Paper presented at the International Society for Research on Aggression World Meeting, Munich, Germany.
- \*Mikhail, M. E., Klump, K. L., Hyde, L. W., & **Burt, S. A.** (2024, March). *The "active ingredients" of neighborhood disadvantage effects on disordered eating in youth.* Paper presented at the International Conference on Eating Disorders, New York, NY.
- Weigard, A., Tomlinson, R., Hardee, J., Martz, M., Huntley, E., **Burt, S.A.**, Hyde, L., Keating, D., Hicks, B. & Heitzeg, M. (2023, December). Does inhibitory performance on the go/no-go, and its links with clinical covariates, reflect task-general computational mechanisms rather than specific

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inhibitory abilities? Symposium presentation at the 2023 American College of Neuropsychopharmacology in Tampa, FL.

- \*Suarez, G. L., Vazquez, A. Y., **Burt, S. A.**, Klump, K. L., & Hyde, L. W. (2023, September). The Genetic and Environmental Factors Influencing Cortical and Subcortical Structure in Youth Exposed to Neighborhood Disadvantage. Poster presentation at Flux Society 2023 Congress, Santa Rosa, CA.
- \*Bezek, J. L., Suarez, G. L., Westerman, H. B., Tomlinson, R. C., **Burt, S. A.**, Shewark, E. A., Vazquez, A. Y., Klump, K. L., & Hyde, L. W. (2023, September). Characterizing Unique Profiles and Correlates of Multi-domain Resilience to Neighborhood Disadvantage in Youth: A Person-Centered Approach. Poster presented at the Flux Society 2023 Congress, Santa Rosa, CA.
- \*Mikhail, M. E., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (2023, November). Emotion regulation strategy use longitudinally predicts next day binge eating, purging, and dieting through changes in affect. Paper presented at the Association for Behavioral and Cognitive Therapies annual meeting, Seattle, WA.
- Burt, S. A.** (2023, June). Mom genes: Leveraging maternal lineage to estimate the contributions of mitochondrial DNA. In Burt, S.A. (Chair), *A new extended pedigree model for quantifying the contributions of mitochondrial DNA*. Symposium at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- Garrison, S.M., Lyu, X., Hunter, M.D., Rodgers, J.L, Smith, K.R., Coon, H., & **Burt, S.A.** (2023, June). Analyzing extended cousin similarity to unravel the mystery of mtDNA and longevity. In Burt, S.A. (Chair), *A new extended pedigree model for quantifying the contributions of mitochondrial DNA*. Symposium at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- \*Lyu, X., Hunter, M.D., Rodgers, J.L, Smith, K.R., Coon, H., **Burt, S.A.**, & Garrison, S.M. (2023, June). Statistical power analysis on mtDNA effects estimation. In Burt, S.A. (Chair), *A new extended pedigree model for quantifying the contributions of mitochondrial DNA*. Symposium at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- Hunter, M.D., Lyu, X., Garrison, S.M., Rodgers, J.L, Smith, K.R., Coon, H., & **Burt, S.A.** (2023, June). Modeling mtDNA Effects from Extended Pedigrees in the Utah Population Database. In Burt, S.A. (Chair), *A new extended pedigree model for quantifying the contributions of mitochondrial DNA*. Symposium at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- \*Petroff, E., Pothuraju, S., Stewart, S., Van Rossen, V., Carroll, S. L., Klump, K. L., Hyde, L. W., & **Burt, S. A.** (April 2023). Associations between age, sex, and parent-child nurturance across adolescence. Poster presented at the 25th annual University Undergraduate Research and Arts Forum.
- Shewark, E.A., Vazquez, A.Y., Hyde, L.W., Klump, K.L., & **Burt, S.A.** (June, 2023). COVID 19-Related Daily Life Changes Moderated the Etiology of Parenting. Paper presented at 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- \*Vazquez, A.Y., Shewark, E.A., Hyde, L.W., Klump, K.L., & **Burt, S.A.** (June, 2023) Parental Nurturance Moderates the Heritability of Youth Resilience. Presented at the Inclusion Diversity Equity and Access Symposium at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- \*Carroll, S. L., Shewark, E. A., Mikhail, M. E., Hyde, L. W., Klump, K. L., & **Burt, S. A.** (2023, June). Neighborhood disadvantage as an etiologic moderator of rule-breaking trajectories: a longitudinal

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person-centered approach. Paper presented at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.

- \*Mikhail, M. E., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (2023, June). Comorbidity between eating disorder symptoms and internalizing is primarily driven by genetic influences on emotion regulation. Paper presented at the 53<sup>rd</sup> Behavior Genetics Association Annual Meeting, Murcia, Spain.
- \*Pereira Sanabria, L.F., Ackerman, L.S., **Burt, S.A.**, Sisk, C.L., Klump, K.L., Culbert, K.M. (April 2023). Androgen Effects on Risk for Binge Eating in Males during Puberty: Project Overview and Current Status. Poster presented at the Undergraduate Research and Arts Forum (UURAF), Michigan State University, East Lansing, MI.
- Thakkar, K.N., Mikhail, M.E., **Burt, S.A.**, Neale, M.C., Keel, P.K., Boker, S., Culbert, K.M., Klump, K.L. (2023, May) Progesterone moderates the relationship between schizotypal traits and negative affect in young women. Talk presented at the annual meeting of the Schizophrenia International Research Society, Toronto, Canada.
- \*Mikhail, M. E., **Burt, S. A.**, Neale, M. C., Keel, P. K., Katzman, D. K., & Klump, K. L. (2023, March). Comorbidity between disordered eating and internalizing is driven by genetic and environmental influences shared with emotion regulation. Poster presented at the Society for Affective Science annual meeting, Long Beach, CA.
- \*Mikhail, M. E., Carroll, S. L., Clark, D. A., O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (2023, May). Genes and puberty in context: Disadvantage moderates genetic influences on disordered eating during puberty in girls. Paper presented at the Organization for the Study of Sex Differences annual meeting, Calgary, Alberta, Canada.
- \*Vazquez, A.Y., Klump, K.L., Hyde, L.W., **Burt., S.A.** (June, 2023). Promoting Youth Resilience: Elucidating the role of neighborhood features and parenting. Poster presented at the SRCD 2023 Biennial Meeting, Salt Lake City, Utah.
- \*Suarez, G. L., **Burt, S. A.**, Gard, A. M., Klump, K. L., & Hyde, L. W. (2023, March). Exposure to community violence as a mechanism linking neighborhood disadvantage to amygdala reactivity and the protective role of parental nurturance. Symposium presented at the SRCD 2023 Biennial Meeting, Salt Lake City, Utah.
- \*Anaya, C., Mikhail, M. E., **Burt, S. A.**, & Klump, K. L. (September 2022). Parent-child conflict substantially increases genetic influences on binge eating in pre/early puberty in female pre-adolescents and adolescents. Poster presented at the 2022 Eating Disorders Research Society (EDRS) Meeting, Philadelphia, PA.
- \*Haller, L.L., Klump, K.L., **Burt, S.A.**, Zickgraf, H., & O'Connor, S.M. (2022, September). Heritability of Picky Eating in Young Children. Poster presented at the Eating Disorder Research Society annual meeting in Philadelphia, PA.
- \*Mikhail, M. E., Carroll, S. L., Clark, D. A., O'Connor, S. M., Culbert, K. M., **Burt, S. A.** & Klump, K. L. (2022, September). Neighborhood and familial disadvantage are associated with earlier genetic influences and increased disordered eating in boys. Paper presented at the meeting of the Eating Disorders Research Society, Philadelphia, PA.
- O'Connor, S. M., Mikhail, M. E., Anaya, C., Haller, L. L., **Burt, S. A.**, McGue, M., Iacono, W. G., & Klump, K. L. (September 2022). Exploring the possibility of parents' broad internalizing phenotype acting

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through passive gene-environment correlations on daughters' disordered eating. Paper presented at the Eating Disorder Research Society annual meeting in Philadelphia, PA.

- \*Vazquez, A.Y., Klump, K.L., Hyde, L.W., Burt., S.A. (June, 2022). Parental Nurturance and Youth Resilience: A monozygotic twin difference study. Oral presentation at the annual meeting of the Behavior Genetics Association, Los Angeles, CA.
- \*Westerman, H.B., **Burt, S.A.**, Richmond-Rakerd, L.S., Suarez, G.L., Klump, K.L., & Hyde, L.W. (September 2022). Exposure to community violence as a mechanism linking socioeconomic disadvantage and neural responses to reward. Poster presented during the Flux Society Congress, Paris, France.
- \*Suarez, G. L., **Burt, S. A.**, Westerman, H. B., Bezek, J. L., Klump, K. L., & Hyde, L. W. (September 2022). Structural Brain Correlates of Resilience Among Youth Exposed to Neighborhood Disadvantage. Poster presented during the Flux Society Congress, Paris, France.
- \*Bezek, J. L., Tillem, S., Suarez, G. L., **Burt, S. A.**, Vazquez, A. Y., Klump, K. L., & Hyde, L. W. (2022, September). Associations between Functional Brain Network Organization in Youth and Multi-Domain Resilience to Neighborhood Disadvantage. Poster presented at the Flux 2022 Congress, Paris, France.
- \*Michael, C., Tillem, S., **Burt, S. A.**, Klump, K. L., & Hyde, L. W. (September, 2022). The developmental effects of neighborhood disadvantage on functional brain network organization in youth. Poster presented at Flux Congress 2022, Paris, France.
- Hendrix, C., Ji, L., Werchan, D., Majbri, A.\*, Trentacosta, C., **Burt, S.A.**, & Thomason, M. (2022). Aggression in toddlers is related to inter-individual variation in prefrontal-limbic circuitry prior to birth. Poster presented at the Flux Society annual congress, Paris, France.
- O'Keefe, P., Johnson, W., & **Burt, S.A.** (June 2022). An explanation for apparent differences in environmental effects within- versus between-groups. Paper presented at the annual meeting of the Behavioral Genetics Association, Los Angeles, CA.
- Sokol, E. E., Anaya, C., **Burt, S. A.**, & Klump, K. L. (March 2022). Associations between pubertal timing and depressive symptoms in girls who identify as white, Black/African American, Hispanic/Latinx, and Multiracial. Poster presented at the 2022 Society for Research on Adolescence Meeting, New Orleans, LA.
- Sokol, E. E., Anaya, C., **Burt, S. A.**, & Klump, K. L. (May 2022). Associations between pubertal timing and depressive symptoms in girls who identify as white, Black/African American, Hispanic/Latinx, and Multiracial. Poster presented at the 2022 University Undergraduate Research and Arts Forum, East Lansing, MI.
- Burt, S.A.**, Shewark, E.A., Klump, K.L., & Neiderhiser, J.M. (June 2022). The interplay within the interplay: rGE varies across neighborhood contexts. Paper presented at the Behavior Genetics Association Annual Meeting, Los Angeles, CA.
- \*Carroll, S. L., Shewark, E. A., Klump, K. L., & **Burt, S. A.** (June 2022). Developmental GxE: The Role of Neighborhood Disadvantage as an Etiologic Moderator of Continuity and Change in Antisocial Behavior. Paper presented at the Behavior Genetics Association Annual Meeting, Los Angeles, CA.

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- Shewark, E.A., Carroll, S.L., Klump, K.L., & **Burt, S.A.** (June 2022). Parenting moderates the etiology of children's social information processing. Paper presented at the Behavior Genetics Association Annual Meeting, Los Angeles, CA.
- \*Ryan, L., Mikhail, M., Brewerton, T. D., Sokol, E., **Burt, S. A.**, & Klump, K. (May 2022). A population-based discordant twin study of the relationship between trauma and eating disorder symptoms. Poster presented at the Association for Psychological Science Annual Convention, Chicago, IL.
- Burt, S.A.**, Carroll, S.L., & Klump, K.L. (January 2022). How do disadvantaged neighborhood contexts shape the genetic and environmental origins of ADHD? Plenary Symposium at the 2022 virtual meeting of the American Professional Society of ADHD and Related Disorders (APSARD).
- Sokol, E. E., Anaya, C., **Burt, S. A.**, & Klump, K. L. (March 2022). Associations between pubertal timing and depressive symptoms in girls who identify as white, Black/African American, Hispanic/Latinx, and Multiracial. Poster presented at the 2022 Society for Research on Adolescence Meeting, New Orleans, LA.
- \*Quiñones, I.C., Selkie, E., Mammel, K., Haedt-Matt, A.A., Klump, K.L., **Burt, S.A.**, & Van Huysse, J.L. (March 2022). Disordered Eating in Transgender Youth: A Comparison to Population-Based and Clinical Samples. Poster presentation at the 2022 Annual Meeting of the Society for Adolescent Health and Medicine, San Diego, CA.
- Burt, S.A.**, Kim, M., & Alhabash, S. (2022). Validating a novel, in-vivo measure of cyberaggression. Paper presented at the 2022 International Society for Research on Aggression, Ottawa, Canada
- \*Kim, M. & **Burt, S.A.** (2021, September). *You can't see me: The role of self anonymity in digital aggression on Twitter*. Poster presented at the 34<sup>th</sup> annual meeting virtual conference for the Society for Research in Psychopathology.
- \*Carroll, S. L., Shewark, E. A., Hyde, L. W., Klump, K. L., & **Burt, S. A.** (2021). Understanding the effects of the COVID-19 pandemic on youth psychopathology: genotype-environment interplay. Paper presented at the 51<sup>st</sup> Behavior Genetics Annual Meeting.
- \*Anaya, C., **Burt, S. A.**, & Klump, K. L. (September 2021). Does pubertal development moderate associations between parenting and binge eating in girls? Poster presented at the 2021 Eating Disorders Research Society (EDRS) Meeting, Boston, MA.
- \*Dotterer, H. L., Tomlinson, R. C., **Burt, S. A.**, Klump, K.L., & Hyde, L. W. (2021, June). Neurocognitive abilities associated with antisocial behavior with and without callous-unemotional traits in a community sample. Poster presented at the annual meeting of the American Academy of Clinical Neuropsychology, Virtual Event.
- \*Anaya, C., Burt, S.A., & Klump, K.L. Associations between perceived quality of the mother-daughter relationship and binge eating across race and ethnicity. (June 2021). Poster presented at the virtual International Conference for Eating Disorders (ICED).
- \*Shope, M. M., Culbert, K. M., Rolan, E. P., Anaya, C., **Burt, S. A.**, & Klump, K. L. (June 2021). Clarifying earlier pubertal timing effects on binge eating symptoms in adolescent girls. Paper presented at the virtual International Conference on Eating Disorders (ICED).
- Shewark, E. A., Pearson, A. L., Sivak, C. J., Park, H., **Burt, S. A.** (2021). A virtual audit tool of neighborhood disorder using Google Street View: A validation of LAND. In Gard, A. M. (chair): *Novel approaches to operationalizing the neighborhood context*. Annual meeting of the Society for Research in Child Development (SRCD), Virtual (due to COVID-19 pandemic).

- \*Kim, M. & **Burt, S.A.** (2021, September). *You can't see me: The role of self anonymity in digital aggression on Twitter*. Poster presented at the 34<sup>th</sup> annual meeting virtual conference for the Society for Research in Psychopathology.
- \*Carroll, S. L., Shewark, E. A., Hyde, L. W., Klump, K. L., & **Burt, S. A.** (2021). *Understanding the effects of the COVID-19 pandemic on youth psychopathology: genotype-environment interplay*. Paper presented at the 51<sup>st</sup> Behavior Genetics Annual Meeting.
- \*Vazquez, A.Y., Klump, K.L., **Burt., S.A.** (June, 2021). *Neighborhood Social Processes as Etiologic Moderators of Resilience*. Poster presented at the 51st Behavior Genetics Association Meeting, Virtual Meeting.
- \*Shewark, E. A., Klump, K. L., & **Burt, S. A.** (2021). *Neighborhood features moderate the etiology of children's social processing*. Paper presented at the 51<sup>st</sup> Behavior Genetics Annual Meeting.
- \*Mikhail, M. E., Burt, S. A., Neale, M. C., Keel, P. K., Moser, J., Katzman, D. K., & Klump, K. L. (2021, April). *Emotion regulation as a protective factor during the COVID-19 pandemic: A longitudinal daily diary study*. Paper presented at the Society for Affective Science virtual meeting.
- \*Fowler, N., Keel, P.K., Katzman, D.K., Sisk, C.L., Neale, M.C., **Burt, S.A.**, & Klump, K.L. (2020, October). Major life stress as a potential moderator of daily minor stress-emotional eating associations in women. Poster presented at the 2020 Annual Eating Disorders Research Society (EDRS) Virtual Meeting.
- Klump, K.L., Mikhail, M., Fowler, N., **Burt, S.A.**, Neale, M.C., Keel, P.K., Moser, J., Gearhardt, A.N., Katzman, D.K., & Sisk, C.L. (2020, October). Effects of the COVID-19 pandemic on binge-related pathology in women: A 49-day study of risk before and during the outbreak in the USA. Paper presented at the 2020 Eating Disorder Research Society Annual Meeting, Virtual Meeting.
- \*Mikhail, M. E., Carroll, S. L., Clark, D. A., O'Connor, S., **Burt, S. A.**, & Klump, K. L. (2020, October). Disordered eating in context: Socioeconomic disadvantage increases risk and impacts the etiology of disordered eating in youth. Paper presented at the Eating Disorders Research Society virtual meeting.
- \*Tomlinson, R.C., **Burt, S.A.**, & Hyde, L.W. (2020, September). Inhibitory control circuitry and externalizing psychopathology in a large sample of higher-risk youth. **Poster** presented at the 2020 Flux Congress, Virtual.
- \*Tomlinson, R.C., **Burt, S.A.**, & Hyde, L.W. (2020, September). Inhibitory control circuitry and externalizing psychopathology in a large sample of higher-risk youth. **Flash Talk** presented at the 2020 Flux Congress, Virtual.
- Thomason, M.E., Chris Trentacosta, C., **Burt, S.A.**, Brito, N. (2020). Intrauterine amygdala neural connectivity predicts autism spectrum disorder (ASD) traits in toddlerhood. 2020 Flux Congress, Virtual.
- O'Connor, S.M., Culbert, K. M., Mayhall, L.A., Burt, S. A., & Klump, K. L. (June, 2020). Exploring puberty as a moderator of genetic and environmental influences on body weight and shape concerns in females. Talk presented at the 50<sup>th</sup> Behavior Genetics Annual Meeting, virtual due COVID-19.
- \*Carroll, S. L., Klump, K. L., & Burt, S. A. (June, 2020). Understanding the effects of neighborhood disadvantage on youth psychopathology. Talk presented at the 50<sup>th</sup> Behavior Genetics Annual Meeting, Virtual Meeting.

- \*Shewark, E.A., Clark, D.A., Vazquez, A.Y., Klump, K.L., & Burt., S.A. (June, 2020). Neighborhood structural characteristics and social processes moderate the etiology of children's social problems. Paper presentation submitted to the 50<sup>th</sup> Behavior Genetics Association Meeting, Virtual Meeting.
- Klump, K.L., & **Burt, S.A.** (June 2020). The Michigan Twins Project (MTP): A resources for eating disorders researchers. Paper presented during the Gene x Environment Special Interest Group Meeting at the Virtual International Conference on Eating Disorders 2020.
- \*Mikhail, M.D., Carroll, S.L., Clark, D.A., **Burt, S.A.**, & Klump, K.L. (June 2020). Neighborhood disadvantage moderates the etiology of disordered eating in a large, population-based sample of girls. Paper presented during the Gene x Environment Special Interest Group Meeting at the Virtual International Conference on Eating Disorders 2020. **\*Best Abstract Award**
- \*Mikhail, M. E., Carroll, S. L., Clark, D. A., O'Connor, S., **Burt, S. A.**, & Klump, K. L. (2020, June). Context matters: Socioeconomic disadvantage increases phenotypic risk and impacts the etiology of disordered eating in youth. Poster presentation submitted to the 50<sup>th</sup> Behavior Genetics Association Meeting, Virtual Meeting.
- \*Vazquez, A.Y., Shewark, E.A., Clark, D.A., Klump, K.L., Hyde, L.W., **Burt., S.A.** (June, 2020). *Exploring the Etiology of Resilience to Neighborhood Disadvantage.* Poster presented at the 50<sup>th</sup> Behavior Genetics Association Virtual Meeting.
- \*Mikhail, M. E., Keel, P. K., **Burt, S. A.**, Neale, M., Boker, S., & Klump, K. L. (2020, April). The link between emotion differentiation and binge eating: Similarities and differences across measures. Poster presented at the meeting of the Society for Affective Science, San Francisco, CA.
- \*Dotterer, H. L., Tomlinson, R. C., **Burt, S. A.** & Hyde, L. W. (2020, August). Callous-unemotional traits and antisocial behavior interact to predict better sustained attention. Poster presented at the annual meeting of the American Psychological Association, Society for Clinical Neuropsychology Division, Washington, D.C.
- Burt, S.A.**, Vitale, E.M., Davis, M.E., Ford, E.G., Moody, A.C., Lonstein, J.S. (2019, October). Effects of maternal lead exposure and restricted home cage bedding on caregiving in female rats and later offspring socioemotional behaviors. Poster presented the 49<sup>th</sup> annual meeting of the Society for Neuroscience, Chicago, IL.
- \*Garcia, S. C., Mikhail, M. E., Keel, P. K., **Burt, S. A.**, Neale, M., Boker, S., & Klump, K. L. (2019, November). Rates of Eating Disorders and their Symptoms in Women with Mood and Anxiety Disorders: Comorbidity and Implications for Treatment. Poster presented at the Annual Renfrew Center Foundation Conference for Professionals, Philadelphia, PA.
- \*Mikhail, M. E., Keel, P. K., **Burt, S. A.**, Sisk, C. L., Neale, M., Boker, S., & Klump, K. L. (2019, November). Differences in affective and hormonal risk factors for dysregulated eating in White versus Black women. Poster presented at the Annual Renfrew Center Foundation Conference for Professionals, Philadelphia, PA.
- \*Mikhail, M. E., Keel, P. K., **Burt, S. A.**, Neale, M., Boker, S., & Klump, K. L. (2019, September). Low emotion differentiation: An affective risk factor for binge eating? Poster presented at the meeting of the Eating Disorders Research Society, Chicago, IL.



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- \*Fowler, N., Keel, P.K., Katzman, D.K., Sisk, C.L., Neale, M.C., **Burt, S.A.**, & Klump, K.L. (September, 2019). Associations between daily stress, major life stressors, and emotional eating in women. Poster presented at the 2019 Annual Eating Disorder Research Society (EDRS), Chicago, IL.
- O'Connor, S.M., Culbert, K. M., Mayhall, L.A., **Burt, S. A.**, & Klump, K. L. (September, 2019). Differences in genetic and environmental influences on body dissatisfaction and weight preoccupation across pubertal development in females. Paper presented in Top Abstracts session at the 25th Annual Eating Disorder Research Society Meeting in Chicago, IL.
- Vo, P. T., Fowler, N., Racine, S. E., **Burt, S. A.**, & Klump, K. L. (September, 2019). Puberty moderates the relationships between impulsivity, anxiety, depressive symptoms, and binge eating. Poster presented at the 25th Annual Eating Disorders Research Society (EDRS) Meeting, Chicago, IL.
- Burt, S.A.** (June, 2019). What does GWAS have to tell us about the origins of externalizing behaviors? In Dick, Harden, Palmer, & Koellinger (chairs), *New insights on the externalizing spectrum from large-scale GWAS*. Symposium presented at the 2019 Behavioral Genetics Association Annual Meeting, Stockholm, Sweden.
- Burt, S.A.**, Plaisance, K.S., & Hambrick, D.Z. (June, 2019). Understanding "what could be"? An example of 'experimental behavioral genetics'? Paper presented at the 2019 Behavioral Genetics Association Annual Meeting, Stockholm, Sweden.
- \*Gard, A. M., **Burt, S. A.**, & Hyde, L.W. (2019). Unique effects of age and pubertal development on amygdala-PFC connectivity during face processing. FLUX Society Conference, New York, NY.
- \*Fowler, N., Keel, P.K., Katzman, D.K., Sisk, C.L., Neale, M.C., **Burt, S.A.**, & Klump, K.L. (2019, March). Associations between hair cortisol concentrations, perceived stress, and binge eating and emotional eating in women. Paper presented at the 2019 International Conference on Eating Disorders (ICED), New York City, NY.
- \*Fowler, N., Keel, P.K., Katzman, D.K., Sisk, C.L., Neale, M.C., **Burt, S.A.**, & Klump, K.L. (2019, February). Associations between hair cortisol concentrations, perceived stress, and binge eating and emotional eating in women. Poster presented at the 2019 Keystone Symposia Conference: Functional Neurocircuitry of Feeding and Feeding Disorders, Banff, CA.
- \*Carroll, S., Klump, K.L., & **Burt, S.A.** (June, 2019). How do neighborhood, familial, and scholastic disadvantage alter the etiology of children's antisocial behavior? Poster presented at the 2019 Behavioral Genetics Association Annual Meeting, Stockholm, Sweden.
- O'Connor, S.M., **Burt, S.A.**, McGue, M., Iacono, W., & Klump, K. (June, 2019). Understanding familial resemblance in eating pathology during pre-early puberty: Results from a Nuclear Twin Family Model. Paper presented at the 49th Annual Meeting of the Behavior Genetics Association, Stockholm, Sweden.
- \*Vazquez, A., Clark, S., Klump, K.L., & **Burt, S.A.** (June, 2019). Identifying Epigenetic Biomarkers of Resilience. Poster presented at the 2019 Behavioral Genetics Association Annual Meeting, Stockholm, Sweden.
- O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (August, 2019). Disentangling genetic and environmental influences underlying associations between weight conscious peer groups and disordered eating. Symposium presentation at the American Psychological Association meeting in Chicago, IL.

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- \*Milá Roa, A., Stevens, K., Klump, K.L., **Burt, S.A.**, & Culbert, K.M. (August, 2019). Testosterone influences the pubertal emergence of depressive symptoms in adolescent boys. Poster presented at the American Psychological Association (APA) meeting in Chicago, Illinois.
- \*Tomlinson, R.C., **Burt, S.A.**, Waller, R., & Hyde, L.W. (March, 2019). The impact of socioeconomic context on neural and behavioral measures of response inhibition among youth. Poster session at the Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.
- \*Mikhail, M. E., Keel, P. K., Burt, S. A., Sisk, C. L., Neale, M., Boker, S., & Klump, K. L. (March, 2019). Affect as a moderator of hormone-emotional eating associations across the menstrual cycle. Paper presented at the 2019 International Conference on Eating Disorders, New York, NY.
- Vo, P. T., Racine, S. E., **Burt, S. A.**, & Klump, K. L. (March, 2019). Convergence of maternal and self-reported levels of impulsivity and their predictive utility for binge eating behaviors. Paper presented at the International Conference on Eating Disorders, New York, NY.
- \*Fowler, N., Keel, P.K., Katzman, D.K., Sisk, C.L., Neale, M.C., **Burt, S.A.**, & Klump, K.L. (March, 2019). Associations between hair cortisol concentrations, perceived stress, and binge eating and emotional eating in women. Paper presented at the 2019 International Conference on Eating Disorders, New York, NY.
- O'Connor, S. M., **Burt, S. A.**, McGue, M., Iacono, W., & Klump, K. (March, 2019). Elucidating factors underlying parent-offspring similarity in eating pathology in pre- and early puberty: Exploring the possibility of passive gene-environment correlation. Paper presented at the 2019 International Conference on Eating Disorders, New York, NY.
- Quiñones, I.C., Mammel, K.A., Klump, K., **Burt, S.A.**, Haedt-Matt, A., & Van Huisse, J.L. (March, 2019). Characterization of eating disordered behaviors and cognitions in transgender youth. Poster presented at the 2019 International Conference on Eating Disorders, New York, NY.
- \*Schires, S.M., Buchanan, N.T., Acevedo-Polakovich, I.D., Lee, R.M., McGue, M., Iacono, W.G., & **Burt, S.A.** (2018, March). Discrimination and ethnic-racial socialization among youth adopted from South Korea into white American families. Poster presented at the 2018 Summit for Diversity in Psychological Science, Champaign, Illinois.
- \*Schires, S.M. & **Burt, S.A.** (2018, July). Examining bias-based forms of cyber aggression among youth: Prevalence, emotional impact, and effectiveness of coping strategies. Poster presented at the 2018 International Society for Research on Aggression, Paris, France.
- \*Slawinski, B., Klump, K.L., & **Burt, S.A.** (2018, July). Do the origins of the covariation between social and physical aggression vary across sex? Poster presented at the 2018 International Society for Research on Aggression, Paris, France.
- \*Schires, S.M. & **Burt, S.A.** (2018, September). Examining race and sex-based cyber victimization among youth. Poster presented at the 2018 Society for Research in Psychopathology, Indianapolis, IN.
- \*Slawinski, B., Klump, K.L., & **Burt, S.A.** (2018, July). Do the origins of the covariation between social and physical aggression vary across sex? Poster presented at the 2018 Society for Research in Psychopathology, Indianapolis, IN.
- \*Slawinski, B., Carsten, E.E., Schires, S., & **Burt, S.A.** (June, 2018). Genetic and Environmental Influences on Psychopathy: A Meta-Analysis of Twin Studies. Poster presented at the 2018 Behavioral Genetics Association Annual Meeting, Boston, MA.

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- Beam, C., Pezzoli, P., Mendle, J., **Burt, S.A.**, Neale, M., Keel, P., Boker, S., & Klump, K.L. (June, 2018). Stress vulnerability effects on gene-environment correlation over time. Paper presented at the 2018 Behavioral Genetics Association Annual Meeting, Boston, MA.
- \*Tomlinson, R.C., **Burt, S.A.**, Waller, R., & Hyde, L.W. (August, 2018). Neighborhood impoverishment relates to inhibitory control performance via inhibition-related brain activation. Poster presented at the 6<sup>th</sup> Annual Flux Congress, Berlin, Germany.
- Burt, S.A.**, Verhulst, B., & Neiderhiser, J.L. (June, 2018). A novel family-based model to evaluate the role of mitochondrial DNA in neuropsychiatric phenotypes. Paper presented at the 2018 Behavioral Genetics Association Annual Meeting, Boston, MA.
- Burt, S.A.**, Kim, M., & Alhabash, S.A. (July, 2018). Assessing digital aggression in real-time: Validation of a novel laboratory task. Paper presented at the 2018 International Society for Research in Aggression biennial meeting, Paris, France.
- \*Fowler, N., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., Klump, K.L. (2018, September). Associations between ovarian hormones and binge eating across the menstrual cycle: Do ovulatory shifts in hormones matter? Poster presented at the 2018 Society for Research in Psychopathology (SRP), Indianapolis, IN.
- \*Forney, K. J., Keel, P. K., O'Connor, S., Sisk, C., **Burt, S. A.**, & Klump, K. (April, 2018). The interaction of hormonal and social environments in understanding body image concerns in adolescent girls. Poster presented at the International Conference on Eating Disorders, Chicago, IL.
- Burt, S.A.**, Pearson, A.M., & Klump, K.L. (June, 2017). It really does take a village: The role of neighbors in the etiology of child conduct problems. Paper presented at the 2017 Behavioral Genetics Association Annual Meeting, Oslo, Norway.
- \*Slawinski, B.L., Klump, K.L., & **Burt, S.A.** (2017, June). The etiology of social aggression. Research talk presented at the 2017 Annual Meeting of the Behavior Genetics Association in Oslo, Norway.
- \*Slawinski, B.L., Klump, K.L., & **Burt, S.A.** (2017, September). Sex differences in the etiological covariation between social and physical aggression. Poster presented at the 31<sup>st</sup> annual meeting for the Society for Research in Psychopathology, Denver, CO.
- \*~Slawinski, B.L., Klump, K.L., & **Burt, S.A.** (2017, May). The etiology of social aggression. Poster presented at the 29<sup>th</sup> Annual Convention for the Association for Psychological Science in Boston, MA.
- ~Won the Society for a Science of Clinical Psychology Student Poster Award
- Burt, S.A.**, Pearson, A.M., Neiderhiser, J.M., & Klump, K.L. (September, 2017). It really does take a village: The role of neighbors in the etiology of child conduct problems. In Beauchaine & Burt (chairs), *Embracing Etiological Complexity in Psychopathology Research*. Symposium presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.
- \*Kim, M., Alhabash, S. A., & **Burt, S. A.** (2017, September). *Assessing Digital Aggression in Real-time: Validation of a Novel Laboratory Task*. Poster presented at the 31<sup>st</sup> Annual Meeting of the Society for Research in Psychopathology. Denver, CO.
- Hyde, L.W., Tomlinson, R., Gard, A.M., Peckins, M. K., & **Burt, S.A.** (September, 2017). A neuroimaging approach to understanding risk posed by neighborhood disadvantage. In Beauchaine & Burt

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(chairs), *Embracing Etiological Complexity in Psychopathology Research*. Symposium presented at the 31<sup>st</sup> annual meeting of the Society for Research in Psychopathology, Denver, CO.

- Klump, K.L., Fowler, N., Mayhall, L., Sisk, C.L., Culbert, K.M., & **Burt, S.A.** (April, 2018). Estrogen moderates genetic influences on binge eating during puberty: A disruption of normative processes? Paper presented at the International Conference on Eating Disorders (ICED), Chicago, IL.
- \*Mazurek, C.E., O'Connor, S.M., **Burt, S.A.**, & Klump, K.L. (May, 2017). The relationship between parents' marital satisfaction and adolescents' disordered eating. Poster presented at the 29<sup>th</sup> Annual Convention of the Association for Psychological Science, Boston, MA.
- \*Mayhall, L. A., O'Connor, S. M., Culbert, K. M., **Burt, S. A.**, & Klump, K. L. (June, 2017). Increased heritability of disordered eating across puberty: A replication in a developmentally diverse sample. Poster presented at the 2017 Behavioral Genetics Association Annual Meeting, Oslo, Norway.
- \*Mayhall, L. A., O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (November, 2017). Parental teasing and adolescent disordered eating: Examining the relationship using multiple reporters. Poster presented at the 2017 Annual Renfrew Center Foundation Conference, Philadelphia, PA.
- Burt, S.A.**, Klump, K.L., & Neiderhiser, J.M. (April, 2017). Parenting in context: Parental negativity interacts with neighborhood poverty to moderate the etiology of child conduct problems. In Mills-Koonce & Wagner (chairs): *Biopsychosocial Examinations of Emerging Conduct Problems and Callous Unemotional Behaviors: Multi-method, multi-system analyses*. Symposium presented at the Society for Research in Child Development Biennial Meeting, Society for Research in Child Development, Austin, TX.
- \*van den Heuvel, M.I., Manning, J.H., Piercy, J., Boeve, J., Hijazi, K., Amrouche H., Altarjoman, Z., **Burt, S.A.**, Van den Bergh, B.R.H., Thomason, M.E. Sleep and Preschooler's Socio-Emotional Problems and Neural Responses to Emotional Pictures. In van den Heuvel & Buckhalt (chairs), *Sleep in Low-SES Children: Risk Factors, Emotional Development, and Health Concerns*. Symposium presented at the Society for Research on Child Development (SRCD) Biennial Meeting, Austin, TX, USA, April 2017.
- \*Clark, D. A., Klump, K. L., & **Burt, S. A.** (2017, April). Parent depressive symptomatology moderates the etiology of externalizing behavior in childhood: An examination of gene-environment interaction effects. Poster presented at the Society for Research in Child Development Biennial Meeting, Society for Research in Child Development, Austin, TX.
- Hyde, L.W., Gard, A.M., Murray, L.M., Roberts, R.C., Waller, R., & **Burt, S.A.** (August, 2017). Genetically informed neural approaches to understanding the development of antisocial behavior. In Jones, D.J. (chair): *Advancements in research and practice with childhood externalizing problems*. Symposium presented at the annual meeting of the American Psychological Association, Washington, DC, USA.
- Hopwood, C. J., Luo, X., Keel, P. S., Neale, M., Boker, S. M., **Burt, S. A.**, & Klump, K. L. (January, 2017). An etiological decomposition of the association between interpersonal problems and eating disorders. Society for Personality and Social Psychology Lifespan Development Preconference, San Antonio, TX.
- \*Schires, S.M., Lee, R.M., McGue, M., Iacono, W.G., & **Burt, S.A.** (2016, October). How do experiences of discrimination relate to mental health outcomes in transracially adopted youth? A longitudinal

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study. Poster presented at the 30<sup>th</sup> annual meeting for the Society for Research in Psychopathology, Baltimore, MD.

- Culbert, K.M., **Burt, S.A.**, & Klump, K.L. (October, 2016). Expanding the developmental boundaries of etiologic effects: the role of adrenarche in genetic influences on disordered eating in males. Presentation at the Eating Disorders Research Society (EDRS) meeting, New York, NY.
- \*Mayhall, L. A., O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (2016, October). The relationship between self-report of disordered eating and maternal report of parental teasing. Poster presented at the 2016 Annual Meeting of the Eating Disorder Research Society, New York City, NY.
- \*O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (October 2016). Uncovering mechanisms driving associations between weight conscious peer groups and disordered eating. Poster presented at the 22<sup>nd</sup> Annual Eating Disorder Research Society Meeting, New York, New York.
- \*Slawinski, B.L., **Burt, S.A.** & Klump, K.L. (2016, October) The etiology of social aggression. Poster presented at the 30<sup>th</sup> annual meeting for the Society for Research in Psychopathology, Baltimore, MD.
- Anstett, A.L., Stagliano, M.C., **Burt, S.A.**, Geiger, M.J., & Tomechko, S.E. (June, 2016). Analysis of Human Dried Blood Spots for Cotinine and **trans**-3'-Hydroxycotinine by Reversed Phase Ultra Performance Liquid Chromatography Tandem Mass Spectrometry. Poster presented at the annual meeting of the American Society for Mass Spectrometry.
- \*O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (May, 2016). Understanding the role of perfectionism in the association between weight-focused peer groups and disordered eating: Exploring a potential selection factor. Poster will be presented at the International Conference on Eating Disorders, San Francisco, California.
- \*Ortiz, A. L., O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (May, 2016). Disordered eating in adolescent girls who participate in leanness sports compared to non-leanness sports. Poster will be presented at the International Conference on Eating Disorders, San Francisco, California.
- Klump, K. L., O'Connor, S. M., Hildebrandt, B. A., **Burt, S. A.**, Keel, P. K., Neale, M., Sisk, C. L., & Boker, S. (May 2016). *Differential effects of estrogen and progesterone on genetic and environmental risk for emotional eating in women.* Paper presented at the International Conference on Eating Disorders, San Francisco, California.
- \*Hildebrandt, B. A., O'Connor, S. M., **Burt, S. A.**, & Klump, K. L. (May 2016). Risk factors for binge eating in a high-risk sample of pre-adolescent and adolescent girls. Paper presented at the International Conference on Eating Disorders, San Francisco, California.
- \*Luo, X., Hopwood, C. J., Keel, P. S., Neale, M., Boker, S. M., **Burt, S. A.**, & Klump, K. L. (July, 2016). Interpersonal problems and eating pathology: a twin study of the interpersonal pathoplasticity model. Paper presentation at the Annual Meeting of the Society for Interpersonal Theory and Research (SITAR), Berlin, Germany.
- Burt, S.A.**, Klump, K.L., Lu, Q., & Tong, X. (June, 2015). A straightforward family design for examining the contribution of mitochondrial DNA to psychiatric/behavioral phenotypes. Paper presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
- \*O'Connor, S. M., **Burt, S.A.**, & Klump, K. L. (June, 2015). Does perfectionism drive membership into weight-focused peer groups? A co-twin control design investigating potential selection effects. Poster presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.

- \*Slawinski, B., Klump, K.L., & **Burt, S.A.** (June, 2015). Parental control as non-shared environmental influence on social aggression. Poster presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
- Klump, K.L., Hildebrandt, B.A., O'Connor, S.M., Keel, P.K., Neale, M., Sisk, C.L., Boker, S., & **Burt, S.A.** (June, 2015). Changes in genetic risk for emotional eating across the menstrual cycle: A longitudinal study. Paper presented at the annual meeting of the Behavior Genetics Association, San Diego, CA
- \*Griffin, A.M., Beekman C., Neiderhiser, J.M., Gorman-Smith D., Klump K.L., & **Burt S.A.** (June, 2015). Genetic and environmental influences on parent and peer relationships: The good with the bad. Paper presented at the annual meeting of the Behavior Genetics Association, San Diego, CA.
- \*LeDonne, E. N., Klahr, A. M., Neiderhiser, J. M., Klump, K. L., Gorman-Smith, D., & **Burt, S. A.** (2015, June). Does marital adjustment moderate genetic and environmental influences on parenting? Poster presented at the annual meeting of the Behavior Genetics Association in San Diego, CA.
- Burt, S.A.** & Klump, K.L. (March, 2015). Parent-child conflict moderates the origins of childhood conduct problems: Results from two independent samples. In DiLalla, L. (chair) *Parents and Culture as Parts of the Gene-Environment Landscape of Development*. Symposium presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Ullsperger, J., Nikolas, M.A., Klump, K.L., & **Burt, S.A.** (March, 2015). Etiological Associations between Parenting and Children's Psychopathology: A Role for Evocative Gene-Environment Correlation? Paper presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Kipfmiller, K., Donahue, M., Klump, K.L., & **Burt, S.A.** (March, 2015). Prenatal testosterone exposure does not increase aggressive and antisocial behaviors in humans: An opposite-sex twin study. Paper presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*Carroll, M., **Burt, S.A.**, Papiez, K., Marusak, H., & Thomason, M. (March, 2015). Genetic variance in COMT moderate the relation between externalizing problems and fractional anisotropy in youth. Paper presented at the biannual meeting of the Society for Research in Child Development, Philadelphia, PA.
- \*O'Connor, S.M., **Burt, S.A.**, & Klump, K.L. (February, 2015). Disentangling genetic and environmental selection from pure socialization in the association between weight focused friend groups and disordered eating. Paper presented at the Graduate Academic Conference, East Lansing, MI.
- \*O'Connor, S.M., **Burt, S.A.**, & Klump, K.L. (October, 2014). A co-twin control design unraveling selection effects from pure socialization in the association between body conscious peer groups and disordered eating. Poster presented at Statistics in Applications Symposium, East Lansing, MI. Earned first place for best poster.
- Burt, S.A.** & Klump, K.L. (September, 2014). The presumed ubiquity of diathesis-stress GxE in youth antisocial behavior: An assumption in need of empirical examination. Paper presented at the annual meeting of the Society for Research in Psychopathology, Chicago, IL.
- Burt, S.A.**, Hyde, L.W., Shaw, D.S., Donnellan, M.B., Iacono, W.G., & McGue, M. (July, 2014). A comparison of three approaches to characterizing the heterogeneity within antisocial behavior. In Burt, S.A. & Fairchild, G. (chairs) *Age-of-onset, callous-unemotional traits, or aggressive versus*

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*non-aggressive behavior: Which approach best captures the heterogeneity within antisocial behavior?* Symposium presented at the biannual meeting of the International Society for Research on Aggression, Atlanta, GA.

- Burt, S.A.** & Klump, K.L. (June, 2014). The presumed ubiquity of diathesis-stress GxE in youth antisocial behavior: An assumption in need of empirical examination. Paper presented at the annual meeting of the Behavior Genetics Association, Charlottesville, VA.
- Hyde, L.W., **Burt, S.A.**, Shaw, D.S. & Forbes, E.E. (May, 2014). Examining the overlap of common schemes for subtyping adolescent antisocial behavior. In Hyde, L.W. (chair) *How do we optimally conceptualize the heterogeneity within youth antisocial behavior?* Symposium presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Culbert, K.M., Klump, K.L., Accurso, E.C., Keel, P.K., Sisk, C.L., Neal, M.C., Boker, S., **Burt, S.A.**, & Grange, D.L. (March, 2014). Puberty matters: Maturational status and timing predict eating disorder risk. Paper presented at the International Conference on Eating Disorders, New York, NY.
- Hyde, L.W., **Burt, S.A.**, & Shaw, D.S., (May, 2014). What is the overlap between subtyping schemes for adolescent antisocial behavior and how do these subtypes differentially predict young adult outcomes? In Hyde, L.W., & Waller, R. (chairs). *Understanding the heterogeneity of antisocial behavior across development: Exploring ways to identify more homogenous groups.* Symposium presented at the biennial meeting of the Life History Research Society, Pittsburgh, PA.
- Burt, S.A.**, Klump, K.L., & Gorman-Smith, D. (September, 2013). Neighborhood context as a shared environmental influence on non-aggressive (but not aggressive) antisocial behavior. In Burt, S.A. & Tackett, J.L. (Chairs), *How do we optimally conceptualize the heterogeneity within youth antisocial behavior?* Symposium conducted at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
- Hyde, L.W., **Burt, S.A.**, & Shaw, D.S. (September, 2013). What is the overlap between subtyping schemes for adolescent antisocial behavior and how do these subtypes differentially predict young adult outcomes? In Burt, S.A. & Tackett, J.L. (Chairs), *How do we optimally conceptualize the heterogeneity within youth antisocial behavior?* Symposium conducted at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
- Suisman, J.L., Thompson, J.K., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K.L. (September, 2013). An investigation of the etiology of thin-ideal internalization during puberty. Paper presented at the Eating Disorder Research Society Meeting, Bethesda, MD.
- \*Hildebrandt, B.A., Racine, S.E., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C.L., & Klump, K.L. (September, 2013). The effects of ovarian hormones and emotional eating on changes in weight preoccupation across the menstrual cycle. Paper presented at the 19th Eating Disorders Research Society Meeting (EDRS), Bethesda, MD.
- \*O'Connor, S.M., **Burt, S.A.**, & Klump, K.L. (September, 2013). What drives the association between body-conscious peer groups and disordered eating? Disentangling genetic and environmental selection from pure socialization effects. Paper presented at the Eating Disorders Research Society Meeting, Bethesda, MD.
- von Ranson, K. M., Munn-Chernoff, M. A., Culbert, K. M., Larson, C. L., **Burt, S. A.**, & Klump, K. L. (September, 2013). An examination of the representativeness assumption for twin studies of

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eating pathology and internalizing symptoms. Paper presented at the 19<sup>th</sup> annual Eating Disorders Research Society meeting, Bethesda, MD.

- Klump, K.L., Burt, S.A., Keel, P.K., Neale, M., Sisk, C.L., & Boker, S. (June, 2013). The significant effects of ovarian hormones on genetic risk for binge eating. Paper presented at the annual meeting of the Behavior Genetics Association, Marseille, France.
- \*O'Connor, S., **Burt, S.A.**, & Klump, K.L. (June 2013). A co-twin control study examining socialization versus genetic selection effects in the association between body-conscious peer groups and disordered eating. Poster presented at the Behavior Genetics Association annual meeting, Marseille, France.
- Racine, S.E., Keel, P.K., Burt, S.A., Neale, M., Boker, S., Sisk, C.L., & Klump, K.L. (June, 2013). Individual differences in the relationship between ovarian hormones and binge eating across the menstrual cycle: A role for personality? Poster presented at the annual meeting of the Society for Behavioral Neuroendocrinology, Atlanta, GA.
- Culbert, K.M., **Burt, S.A.**, Sisk, C.L., Nigg, J.T., & Klump, K.L. (June, 2013). The effects of puberty and circulating testosterone on risk for disordered eating in adolescent males. Poster presented at the annual meeting of the Society for Behavioral Neuroendocrinology, Atlanta, GA.
- \*Schroder, H.S., Dawood, S., **Burt, S.A.**, & Moser, J.S. (May, 2013). Subtypes of antisocial behavior differentially relate to neurobehavioral markers of performance consistency. Paper presented at the annual meeting of the Association for Psychological Science in Washington, D.C.
- \*Klahr, A.M., Klump, K.L., & **Burt, S.A.** (April, 2013). The etiology of the relationship between aggression, rule-breaking, and positive and negative parenting in childhood. In J. Salvatore (Chair), *Multi-method approaches to understand genetic and environmental influences on externalizing behavior*. Symposium conducted at the Biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Nikolas, M., Klump, K.L., & **Burt, S.A.** (April, 2013). Parental involvement as a moderator of etiological influences on ADHD behaviors: Investigation of gene-environment interplay using child twin methodology. In B. D'Onofrio (Chair), *Using genetically informed studies to understand the etiology of neurodevelopmental problems in childhood*. Symposium conducted at the Biennial meeting of the Society for Research in Child Development, Seattle, WA.
- Burt, S.A.**, Klahr, A.M., & Klump, K.L. (April, 2013). The etiological moderation of child conduct problems by parenting: A synergistic examination of parental control and parental warmth. In S. Lee (Chair), *Latent variable models of gene x environment interaction for externalizing behavior*. Symposium conducted at the Biennial meeting of the Society for Research in Child Development, Seattle, WA. *Paper presented by Ashlea Klahr*.
- Burt, S.A.** (October, 2012). Do etiologic influences on aggression overlap with those on rule-breaking? A meta-analysis. Paper presented at the annual meeting of The Society for Research in Psychopathology, Ann Arbor, MI.
- \*Klahr, A.M. & **Burt, S.A.** (October, 2012). Exploring the intergenerational transmission of parenting behavior: A meta-analysis of the etiology of parenting. Paper presented at the annual meeting of The Society for Research in Psychopathology, Ann Arbor, MI.
- \*Listro, C.J., Klump, K.L., & **Burt, S.A.** (September, 2012). Can Objectively Shared Events Have Effectively Nonshared Effects?: Associations between Differential Perceptions of Marital Conflict



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and Child Externalizing Behavior. Paper presented at Society for Research in Psychopathology, Ann Arbor, MI.

- Culbert, K.M., Breedlove, S.M., Sisk, C.L., **Burt, S.A.**, & Klump, K.L. (October, 2012). The emergence of sex differences in risk for disordered eating during puberty: A role for prenatal testosterone exposure. Paper presented at the annual meeting of The Society for Research in Psychopathology, Ann Arbor, MI.
- \*Racine, S.E., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C.L., Klump, K.L. (October, 2012). Exploring the relationship between negative urgency and binge eating: Genetic/environmental associations and the role of negative affect. Paper presented at the annual meeting of The Society for Research in Psychopathology, Ann Arbor, MI.
- \*Suisman, J.L., Thompson, J.K., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K.L. (October, 2012). Shared genetic variance between negative emotionality and thin-ideal internalization. Paper presented at the Society for Research in Psychopathology, Ann Arbor, MI.
- Burt, S.A.**, Klahr, A.M., & Klump, K.L. (June, 2012). Do non-shared environmental influences persist over time? An examination of minutes. Paper presented at the annual Behavior Genetics Association conference, Edinburgh, Scotland.
- \*Humbad, M. N., Klump, K. L., & **Burt, S. A.** (June, 2012). Comparing the effects of three measures of marital conflict on the etiology of conduct problems. Paper presented at Behavior Genetics Association conference, Edinburgh, Scotland.
- \*Listro, C., Klump, K. L., & **Burt, S. A.** (June, 2012). Can objectively shared events have effectively nonshared effects? Associations between differential perceptions of marital conflict and child externalizing behavior. Paper presented at Behavior Genetics Association conference, Edinburgh, Scotland.
- \*Klahr, A. M. & **Burt, S. A.** (2012, June). Exploring the intergenerational transmission of parenting behavior: A meta-analysis of the etiology of parenting. Paper presentation at the Behavior Genetics Association conference, Edinburgh, Scotland.
- \*Klahr, A. M., Thomas, K. M., Klump, K. L., & **Burt, S. A.** (2012, May). Observed interpersonal processes in the mother child relationship and their associations with child adjustment. Paper presentation at the annual convention of the Association for Psychological Science, Chicago, IL.
- Burt, S.A.** (May, 2012). Are GxE really ubiquitous? Thinking through our implicit assumptions. Symposium presentation at the annual convention of the Association for Psychological Science, Chicago, IL.
- Culbert, K.M., **Burt, S.A.**, Sisk, C.L., Nigg, J.T., & Klump, K.L. (May, 2012). The effects of puberty and circulating testosterone on differential risk for disordered eating in adolescent males. Paper presented at the International Conference on Eating Disorders (ICED), Austin, TX.
- \*Racine, S.E., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C.L., Klump, K.L. (May, 2012). Impulsivity as a moderator of associations between ovarian hormones and binge eating across the menstrual cycle. Paper presented at the International Conference on Eating Disorders (ICED), Austin, TX.
- Burt, S.A.** & Klump, K.L. (April, 2012). The role of assisted reproductive technologies in current twin studies: Implications for twin study findings. Paper presented at the Joint 2<sup>nd</sup> World Congress on

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Twin Pregnancy and the 14<sup>th</sup> Congress of the International Society of Twin Studies (ISTS): The biology, genetics, clinical challenges and uniqueness of twin gestations, Florence, Italy.

- Klump, K.L. & **Burt, S.A.** (March, 2012). Developing the Michigan Twins Project to study health and development. Human Development Initiative Brown Bag, Michigan State University.
- Klump, K.L., Hu, J.Y., Keel, P.K., Racine, S.E., **Burt, S.A.**, Neale, M., Sisk, C.L., & Boker, S. (September, 2011). Ovarian hormones as neurobiological risk factors for binge eating in women. Paper presented at the annual meeting of the Eating Disorders Research Society (EDRS), Edinburgh, Scotland.
- \*Suisman, J.L., Thompson, J.K., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K.L. (September, 2011). Shared genetic variance between thin-ideal internalization and disordered eating. Paper presented at the annual meeting of the Eating Disorders Research Society (EDRS), Edinburgh, Scotland.
- \*Culbert, K.M., Breedlove, S.M., Nigg, J.T., Sisk, C.L., **Burt, S.A.**, & Klump, K.L. (September, 2011). Prenatal testosterone exposure and risk for disordered eating during puberty: Altered sensitivity to circulating hormones? Paper presented at the annual meeting of the Eating Disorders Research Society (EDRS), Edinburgh, Scotland.
- \*Racine, S. E., Culbert, K. M., **Burt, S. A.**, Klump, K. L. (September, 2011). Advanced paternal age and disordered eating symptoms: A potential marker for biological risk. Paper presented at the annual meeting of the Eating Disorders Research Society (EDRS), Edinburgh, Scotland.
- \*Humbad, M. N., Donnellan, M. B., Klump, K. L., & **Burt, S. A.** (November, 2011). The Brief Romantic Relationship Interaction Coding Scheme: A new coding scheme for understanding couple interactions. Poster to be presented at Association for Behavioral and Cognitive Therapies conference, Toronto, Ontario, Canada.
- \*Humbad, M. N., Donnellan, M. B., & **Burt, S. A.** (October, 2011). Examining the role of personality and health characteristics in perceptions of "Dateability". Paper to be presented at the International Association of Relationship Research mini-conference, Tuscon, AZ.
- Burt, S.A.** & Klump, K.L. (September, 2011). Are there really etiological differences between aggressive and non-aggressive antisocial behavior? A nuclear twin family study extension. Paper presented at the annual Society for Research in Psychopathology conference, Boston, MA.
- Burt, S.A.** & Klump, K.L. (June, 2011). Are there really etiological differences between aggressive and non-aggressive antisocial behavior? A nuclear twin family study extension. Paper presented at the annual Behavior Genetics Association conference, Newport, RI.
- \*Klahr, A. M., Thomas, K. M., Klump, K. L., & **Burt, S. A.** (June, 2011). Genetic and environmental influences in the moment: A twin study of interpersonal processes between mothers and children. Paper presented at the annual Behavior Genetics Association conference, Newport, RI.
- \*Humbad, M. N., Donnellan, M. B., & **Burt, S. A.** (June, 2011). Evocative person-environment correlations in mate selection. Paper presented at the annual Behavior Genetics Association conference, Newport, RI.
- Klump, K.L., Culbert, K.M., Slane, J.D., Sisk, C.L., **Burt, S.A.**, & Nigg, J.T. (June, 2011). The effects of puberty of genetic risk for disordered eating: Evidence for a sex difference. Paper presented at the annual Behavior Genetics Association conference, Newport, RI.

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- \*Thomas, K., M., Hopwood, C.J., Klahr, A.M., Klump, K.L., & **Burt, S.A.** (June, 2011). Momentary assessment of interpersonal behaviors: Indices, applications, and future directions. Paper presented at the annual meeting of the Society for Interpersonal Theory and Research, Zurich, Switzerland.
- \*Suisman, J.L., Sperry, S., Thompson, J.K., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K. (April, 2011). Genetic and environmental influences on thin-ideal internalization. Paper presented at the International Conference on Eating Disorders, Miami, FL.
- \*Racine, S.E., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C.L., Klump, K.L. (April, 2011). Phenotypic and etiologic associations between binge eating and different forms of impulsivity. Paper presented at the International Conference on Eating Disorders, Miami, FL.
- Burt, S.A.** (March, 2011). Environmental influences on youth internalizing and externalizing disorders: The results of a large meta-analysis. Paper presented as part of a symposium at the biennial meeting of the Society for Research in Child Development, Montreal, CN.
- \*Racine, S.E., Culbert, K.M., Keel, P. K., **Burt, S.A.**, Sisk, C.L., & Klump, K.L. (October, 2010). Ovarian hormones and disordered eating: Associations with drive for thinness, body dissatisfaction, and dietary restraint. Paper presented at the annual meeting of the Eating Disorders Research Society, Boston, MA.
- Klump, K.L., Culbert, K.M., Slane, J.D., Sisk, C.L., **Burt, S.A.**, & Nigg, J.T. (October, 2010). The effects of puberty on genetic risk for disordered eating: Evidence for a sex difference. Paper presented at the annual meeting of the Eating Disorders Research Society, Boston, MA.
- \*Culbert, K.M., Breedlove, S.M., Nigg, J.T., Sisk, C.L., **Burt, S.A.**, & Klump, K.L. (October, 2010). Prenatal testosterone exposure and developmental differences in risk for disordered eating. Paper presented at the annual meeting of the Eating Disorders Research Society, Boston, MA.
- \*Slane, J.D., **Burt, S.A.**, & Klump, K.L. (October, 2010). Eating pathology and alcohol use: Shared genetic influences. Paper presented at the annual meeting of the Eating Disorders Research Society, Boston, MA.
- Klump, K.L., & **Burt, S.A.** (October, 2010). Developing the Michigan Twins Project to study health and development. Plenary presentation at the 2<sup>nd</sup> Annual Collaborative Cerebral Palsy Research Symposium, Department of Epidemiology, Michigan State University, East Lansing, MI.
- \*Suisman, J.L., **Burt, S.A.**, McGue, M., Iacono, W.G., & Klump, K.L. (October, 2010). Parental divorce and disordered eating: An investigation of discrepant findings. Paper to be presented at the annual meeting of the Eating Disorders Research Society, Boston, MA.
- \*Nikolas, M., Klump, K.L., & **Burt, S.A.** (2010, October). Etiology of the Comorbidity between Attention-Deficit Hyperactivity Disorder and Conduct Disorder: Moderation by Age? Paper presented at the annual meeting of the Society for Research in Psychopathology, Seattle, WA.
- Burt, S.A.**, Donnellan, M.B., Iacono, W.G., & McGue, M. (2010, October). Age-of-onset or behavioral sub-types? A comparison of two approaches to characterizing the heterogeneity within antisocial behavior. Paper presented at the annual meeting of the Society for Research in Psychopathology, Seattle, WA.
- Burt, S.A.**, McGue, M., & Iacono, W.G. (2010, July). The use of adoption designs to circumvent passive gene-environment correlation confounds in the study of shared environmental influences. Paper

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presented as part of a symposium at the Third International Conference on Adoption Research, Leiden, The Netherlands. Presented by Leslie Leve, symposium chair.

- \*Culbert, K.M., **Burt, S.A.**, Sisk, C.L., Nigg, J.T., & Klump, K.L. (2010, June). Gonadal hormones underlie the emergence of sex differences in disordered eating during puberty. Paper presented at the annual Organization for the Study of Sex Differences meeting, Ann Arbor, Michigan.
- \*Racine, S.E., Keel, P. K., Culbert, K.M., **Burt, S.A.**, Sisk, C.L., & Klump, K.L. (2010, June). Fluctuations in ovarian hormones and body dissatisfaction across the menstrual cycle. Paper presented at the annual Organization for the Study of Sex Differences meeting, Ann Arbor, Michigan.
- Klump, K.L., Culbert, K.M., **Burt, S.A.**, Sisk, C.L., & Nigg, J.T. (2010, June). Sex differences in disordered eating: A role for genes and puberty? Paper presented at the Organization for the Study of Sex Differences Annual Meeting, Ann Arbor, Michigan.
- \*Humbad, M. N., Klump, K. L., Levendosky, A. A., & **Burt, S. A.** (2010, June). A behavioral genetic analysis of externalizing psychopathology and adult attachment. Paper presented at the annual Behavior Genetics Association conference, Seoul, Korea.
- \*Klahr, A. M, Iacono, W.G., McGue, M., & **Burt, S. A.** (2010, June). An Examination of the Etiological Overlap between Parent-Child Conflict and Observer-Rated Antisocial Behavior. Paper presented at the annual Behavior Genetics Association conference, Seoul, Korea.
- Ordoñana, J.R., **Burt, S.A.**, Sánchez-Romera, J.F., Tornero, M.J., Pérez-Riquelme, F., & Rebollo-Mesa, I. (2010, June). Heritability of Medical Prescription Compliance in Adult Female Twins. Paper presented at the annual International Society for Twin Research conference, Seoul, Korea.
- Ordoñana, J.R., **Burt, S.A.**, Sánchez-Romera, J.F., Colodro, L., Tornero, M.J., & Rebollo-Mesa, I. (2010, June). Self-Rated Health, Body Mass Index and Health Condition: Genetic and Environmental Factors. Paper presented at the annual Behavior Genetics Association conference, Seoul, Korea.
- \*Racine, S.E., **Burt, S.A.**, Iacono, W.G., McGue, M., & Klump, K.L. (2009, September). Dietary restraint moderates genetic risk for Binge Eating? Poster presented at the annual Eating Disorder Research Society conference, New York, NY.
- \*Suisman, J.S., Iacono, W.G., McGue, M., **Burt, S.A.**, & Klump, K.L. (2009, September). Parental Divorce and Disordered Eating: Does Timing Matter? Poster presented at the annual Eating Disorder Research Society conference, New York, NY.
- Klump, K.L., Suisman, J.S., **Burt, S.A.**, McGue, M., & Iacono, W.G. (2009, September). Genetic and environmental influences on disordered eating: An adoption study. Paper presented at the annual Eating Disorder Research Society conference, New York, NY.
- Burt, S.A.**, Barnes, A. R., McGue, M., & Iacono, W.G. (2009, June). Parental Divorce and Adolescent Delinquency: Ruling out the Impact of Common Genes. Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- Klump, K.L., **Burt, S.A.**, Sisk, C., & Keel, P.K. (2009, June). Estradiol moderates genetic risk for disordered eating during puberty. Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Nikolas, M. & **Burt, S.A.** (2009, June). Genetic and Environmental Influences on ADHD Symptom Dimensions of Inattention and Hyperactivity: A Meta-Analysis. Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.

- \*Klahr, A. M., **Burt, S. A.**, Iacono, W. G., & McGue, M. (2009, June). The Association between Parent-Child Conflict and Adolescent Conduct Problems: Results from a Longitudinal Adoption Study. Poster presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Culbert, K.M., Racine, S.E., **Burt, S.A.**, & Klump, K.L. (2009, June). Parental expectations as a moderator of genetic and environmental influences on disordered eating. Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Spanos, A., **Burt, S. A.**, McGue, M., Iacono, W.I., and Klump, K.L. (2009, June). Binge Eating and Compensatory Behaviors: Investigating Common Etiologic Influences. Poster presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Slane, J.D., **Burt, S.A.**, & Klump, K.L. (2009, June). Does impulsivity moderate the association between disordered eating and alcohol use? Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Humbad, M. N., Klump, K. L., & **Burt, S. A.** (2009, June). Effects of interparental conflict on the etiology of conduct problems. Poster presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Racine, S.E., **Burt, S.A.**, Iacono, W.G., McGue, M., & Klump, K.L. (2009, June). Does Dietary Restraint Moderate the Heritability of Binge Eating? Poster presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- Klump, K.L., Keel, P.K., Culbert, K.M., & **Burt, S.A.** (2009, June). Phenotypic and genetic associations between ovarian hormones and binge eating. Paper presented at the Society for Behavioral Neuroendocrinology Meeting, East Lansing, MI.
- \*Marceau, K., **Burt, S.A.**, Humbad, M.N., Klump, K.L., Leve, L., & Neiderhiser, J. (2009, June). Genetic and environmental influences on observed externalizing behavior in middle childhood and early adolescence. Paper presented at the annual Behavior Genetics Association conference, Minneapolis, MN.
- \*Nikolas, M., Klump, K.L., & **Burt, S.A.** (2009, June). Marital conflict moderates genetic and environmental contributions to ADHD. Poster presented at the 14th Scientific Meeting of the International Society for Research in Child and Adolescent Psychopathology, Seattle, WA.
- \*Moore, M., Slane, J., Mindell, J.A., **Burt, S.A.**, Klump, K.L. (2009, June). Genetic and Environmental Influences on Sleep Problems: A Study of Preadolescent and Adolescent Twins. Paper presented at the annual meeting of the Associated Professional Sleep Societies, Seattle, WA.
- \*Moore, M., Slane, J., Mindell, J.A., **Burt, S.A.**, Klump, K.L. (2009, June). Sleep Problems and Temperament in Adolescent Twins: The Mediating Effect of Shared Environment. Paper presented at the annual meeting of the Associated Professional Sleep Societies, Seattle, WA.
- Burt, S.A.** (2009, May). Meta-analytic evidence of etiological distinctions between aggressive and non-aggressive forms of antisocial behavior. Paper presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
- Hopwood, C.J. & **Burt, S.A.** (2009, March). Aggression and rule-breaking: Findings from two samples. Paper presented at the annual meeting of the Society for Personality Assessment, Chicago, IL.

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- Burt, S.A.** (2008, September). A fresh look at the shared environment: Results from a large meta-analysis of the twin and adoption studies examining child and adolescent psychopathology. Paper presented at the annual meeting of the Society for Research in Psychopathology, Pittsburgh, PA.
- \*Culbert, K.M., **Burt, S.A.**, & Klump, K.L. (2008, September). The emergence of sex differences in disordered eating during puberty: A role for gonadal hormones? Paper presented at the 2008 Eating Disorders Research Society (EDRS) Meeting, Montreal, Canada.
- \*Suisman, J.L., **Burt, S.A.**, & Klump, K.L. (2008, September). Lack of evidence for a gene-environment interaction between parental divorce and disordered eating. Paper presented at the Eating Disorders Research Society Meeting, Montreal, Canada.
- \*Humbad, M., Donnellan, M. B., McGue, M., Iacono, W. G., & **Burt, S. A.** (2008, June). Assortative mating: Evidence of an active gene-environment correlation. Paper presented at Behavior Genetics Association conference, Louisville, KY
- \*Culbert, K.M., **Burt, S.A.**, & Klump, K.L. (2008, June). Puberty and the genetic diathesis of disordered eating: A replication study. Paper presented at the 2008 Behavioral Genetics Association (BGA) Meeting, Louisville, Kentucky.
- \*Suisman, J.L., **Burt, S.A.**, & Klump, K.L. (2008, June). Parental divorce and bulimic symptoms: Evidence for a gene-environment interaction? Paper presented at the Behavior Genetics Association Meeting, Louisville, KY.
- \*Spanos, A., Klump, K.L., **Burt, S.A.**, McGue, M., & Iacono, W.G. (2008, June). Nonshared environment and disordered eating: A longitudinal investigation of parent-child conflict. Paper presented at the Behavior Genetics Association Annual Conference, Louisville, KY.
- Burt, S.A.** (2008, June). A fresh look at the shared environment: Results from a large meta-analysis of the twin and adoption studies examining child and adolescent psychopathology. Paper presented at the annual meeting of the Behavior Genetics Association, Louisville, KY.
- \*Slane, J.D., **Burt, S.A.**, & Klump, K.L. (2008, June). Gender relationships between disordered eating, internalizing symptoms, and externalizing behaviors in adult male and female twins. Paper presented at the Behavioral Genetics Association Annual Conference, Louisville, Kentucky.
- \*Suisman, J.L., **Burt, S.A.**, & Klump, K.L. (2008, May). Weight-based teasing: A non-specific risk factor for disordered eating? Paper presented at the 2008 International Conference on Eating Disorders, Seattle, WA.
- \*Spanos, A., Klump, K.L., **Burt, S.A.**, McGue, M., & Iacono, W.G. (2008, May). A longitudinal investigation of eating pathology in discordant MZ twins: A case for nonshared environment. Paper presented at the International Conference on Eating Disorders Annual Conference, Seattle, WA.
- \*Slane, J.D., **Burt, S.A.**, & Klump, K.L. (2008, May). Gender relationships between disordered eating and risk factors in adult male and female twins. Paper presented at a Special Interest Group (SIG) panel discussion at the Academy for Eating Disorders Annual Conference, Seattle, Washington.
- \*Slane, J.D., **Burt, S.A.**, & Klump, K.L. (2007, October). Gender similarities in genetic and environmental influences on disordered eating. Paper presented at the Eating Disorders Research Society 13<sup>th</sup> Annual Meeting, Pittsburgh, PA.

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- \*Spanos, A., **Burt, S.A.**, & Klump, K.L. (2007, October). Do weight and shape concerns exhibit genetic effects? Investigating discrepant findings. Paper presented at the Eating Disorders Research Society Annual Meeting, Pittsburgh, PA.
- \*Suisman, J.L., Slane, J.D., **Burt, S.A.**, & Klump, K.L. (2007, October). Teasing and disordered eating in adolescent females: The importance of competency-based teasing. Paper presented at the Eating Disorder Research Society Meeting, Pittsburgh, PA.
- Burt, S.A.** (2007, October). Genes, rule-breaking, and popularity: Evidence of an Evocative Gene-Environment Correlation. Paper presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
- \*Demarte, J.A. & **Burt, S.A.** (2007, October). The factor structure of antisocial behavior: Evidence for distinct dimensions of physical aggression, rule-breaking, and social aggression. Paper presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
- Burt, S.A.** & Neiderhiser, J.M. (2007, June). Aggressive versus Non-aggressive Antisocial Behavior: Distinctive Etiological Moderation by Age. Paper presented at the annual meeting of the Behavior Genetics Association, Amsterdam.
- Burt, S.A.** & Klump, K.L. (2007, June). Evidence for gene-environment interactions in child conduct problems: A pilot study of risky and protective parenting. Paper presented at the annual meeting of the Behavior Genetics Association, Amsterdam.
- Burt, S.A.** (2006, October). The distinct origins of aggressive and non-aggressive antisocial behavior: Evidence for different molecular genetic and personality correlates. Paper presented at the annual meeting of the Society for Research in Psychopathology, San Diego, CA.
- Burt, S.A.** (2006, June). Genes, rule-breaking, and popularity: Identification of an evocative gene-environment correlation in adolescent antisocial behavior. Paper presented at the annual meeting of the Behavior Genetics Association, Storrs, CN.
- Burt, S.A.** (2005, June). Gene-environment correlations in adolescent antisocial behavior: A molecular genetic pilot study of peer selection processes. Paper presented at the annual meeting of the Behavior Genetics Association, Hollywood, CA.
- \*Carter, L.A., **Burt, S.A.**, & McGue, M. (2005, June). Protective and risk factors in the development of antisocial behavior. Paper presented at the annual meeting of the Behavior Genetics Association, Hollywood, CA.
- \*Demarte, J.A., **Burt, S.A.**, & McGue, M. (2005, June). The Impact of Pubertal Development on Aggressive Versus Non-Aggressive Antisocial Behavior in Females. Paper presented at the annual meeting of the Behavior Genetics Association, Hollywood, CA.
- Burt, S.A.**, McGue, M., Krueger, R.F., & Iacono, W.G. (2005, June). The Distinct Etiology of Aggressive and Non-aggressive Delinquent Attitudes by Age: Moderating Effects of Age in Two Genetically-Informative Studies. Paper presented at the annual conference of the International Society for Research in Child and Adolescent Psychopathology, New York, NY.
- Burt, S.A.**, McGue, M., Krueger, R., & Iacono, W. (2004, May). Environmental Mediation of the Association between Parent-Child Conflict and Delinquency/Behavioral Disinhibition: Findings from an Adoption Study. Paper presented at the annual conference of the American Psychological Society, Chicago, IL.

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- King, S.M., Malone, S.M., **Burt, S.A.**, Iacono, W.G., & McGue, M. (2003, June). Etiological Contributions to Drunkenness in Adolescence and Young Adulthood: Personality, Heritability, and P300 Amplitude. Paper presented at the annual meeting of Research Society on Alcoholism, Ft. Lauderdale, FL.
- Burt, S.A.**, McGue, M., Krueger, R., & Iacono, W. (2003, April). The Etiology of the Association between Parent-Child Conflict and Childhood Externalizing Symptoms Over Time. Paper presented at the bi-annual meeting of the Society for Research in Child Development, Tampa, FL.
- Burt, S.A.**, McGue, M., Krueger, R., & Iacono, W. (2002, July). A longitudinal examination of the role of parent-child conflict in the Covariation among CD, and ODD. Paper presented at the annual meeting of the Behavior Genetics Association, Keystone, CO.
- Burt, S.A.**, Krueger, R., McGue, M., & Iacono, W. (2001, July). Sources of covariation among ADHD, CD, and ODD: Identifying the Shared Environment. Paper presented at the annual meeting of the Behavior Genetics Association, Cambridge, UK.
- Burt, S.A.**, Krueger, R., & Iacono, W. (2001, April). Sources of comorbidity among ADHD, CD, and ODD: The Importance of Shared Environment. Paper presented at the bi-annual meeting of the Society for Research in Child Development, Minneapolis, MN.
- Burt, S.A.**, Krueger, R., McGue, M., & Iacono, W. (2000, December). Sources of comorbidity among ADHD, CD, and ODD: The Importance of Shared Environment. Paper presented at the annual meeting of the Society for Research in Psychopathology, Boulder, CO.
- Burt, S.A.**, McGue, M., & Iacono, W. (2000, July). An examination of the associations between DRD4 and personality traits. Paper presented at the annual meeting of the Behavior Genetics Association, Burlington, VT.
- Burt, S.A.**, Legrand, L., McGue, M., & Iacono, W. (1999, July). Academic motivation and scholastic achievement: an analysis of genetic influences. Paper presented at the annual meeting of the Behavior Genetics Association, Vancouver, CN.
- Burt, S.A.**, Nygaard, L., & Queen, J. (1996, April). Sources of variability as linguistically relevant aspects of speech. Paper presented at the annual meeting of the Southeastern Psychological Association, Norfolk, VA.

## TEACHING EXPERIENCE

Instructor, Michigan State University, East Lansing, MI

- Child and Family Psychopathology, Undergraduate Course, Department of Psychology
- Behavioral Genetics, Undergraduate/Graduate Course, Department of Psychology
- Abnormal Psychology, Undergraduate Course, Department of Psychology
- Adult Psychological Assessment, Graduate Course, Department of Psychology
- Adult Psychopathology, Graduate Course, Department of Psychology
- Structural Equation Modeling in Behavioral Genetics, Graduate Course, Department of Psychology

Assessment Supervisor, Michigan State University, East Lansing, MI

- Predoctoral Clinical Psychology Graduate Students working in the MSU Psychological Clinic

Graduate Student Instructor, University of Minnesota, Minneapolis, MN



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- Introduction to Clinical Psychology, Department of Psychology
- Controversies in Abnormal Psychology, Department of Psychology
- Introduction to Abnormal Psychology, Department of Psychology
- The Psychology of Individual Differences, Department of Psychology

#### Short Course in Twin Structural Equation Modeling

- Facultad de Psicología, Departamento de Psicobiológica, Universidad de Murcia (March, 2012)
- Department of Psychology, Michigan State University (July, 2019)

## PROFESSIONAL ACTIVITIES

### *Major activities:*

Chair, Center for Scientific Review at the National Institute of Health, Behavior Genetics and Epidemiology study section (BGES), 7/1/2017 – 6/30/2019

Member, Center for Scientific Review at the National Institute of Health, Behavior Genetics and Epidemiology study section (BGES), 7/1/2013 – 6/30/2017

Joint Editor, *Journal of Child Psychology & Psychiatry*, 2014-2018

Associate Editor, *Aggressive Behavior*, 2019-present

### *Consulting Editor:*

Psychological Bulletin

### *Member of Editorial Board:*

Psychological Science

Frontiers in Child and Neurodevelopmental Psychiatry

Frontiers in Behavioral and Psychiatric Genetics

Personality Disorders: Theory, Research, and Treatment

### *Ad Hoc Editorial Consultant:*

JAMA Psychiatry, Behavior Genetics, Biological Psychiatry, Criminal Justice and Behavior, Developmental Psychology, European Child & Adolescent Psychiatry, Human Biology, Journal of Abnormal Child Psychology, Journal of Abnormal Psychology, Journal of the American Academy of Child and Adolescent Psychiatry, Journal of Applied Developmental Psychology, Journal of Child Psychology and Psychiatry, Journal of Marriage and Family, Journal of Personality, Journal of Psychopathology and Behavioral Assessment, Journal of Quantitative Criminology, Journal of Research in Adolescence, Journal of Research in Personality, Molecular Psychiatry, Personality and Individual Differences, Perspectives on Psychological Science, Psychology of Addictive Behaviors, Social Science Research

### *Ad Hoc Grant Reviews:*

Chair, ZRG1 PSE C02 for the National Institutes of Health, December 2021 meeting

Chair, MSU Foundation Strategic Partnership Grants, 2017-2018

Co-Chair, MSU Foundation Strategic Partnership Grants, 2016-2017

National Institute on Aging, P01 Program Project special review panel, January 2014

National Institutes of Health, Behavior Genetics and Epidemiology study section, October 2012

National Institute of Mental Health, Loan Repayment Program, April 2011

National Institute on Aging, special review panel on Gene-Social Environment Interplay on Health and Behavior in Later Life, March 2010

National Institutes of Health, American Recovery and Reinvestment Act Challenge grants, June 2009

National Institutes of Health, Psychosocial Development, Risk and Prevention Study Section, June 2007

National Institute of Mental Health, GxE Center Grants, June 2006

## **SERVICE ACTIVITIES**

Member of the Psychology Department Faculty Advisory Committee, 2012 to 2015, 2019 to 2021  
Member of University Committee on Faculty Tenure, 2020 to present  
Member of University Sponsored Programs Advisory Committee, 2019 to present  
Director of Clinical Training (DCT), 2017-2018  
Associate Director of Clinical Training (DCT), 2016-2017  
Member of Clinical program space committee, 2016-2017  
Judge, MSU University Undergraduate Research and Arts Forum, 2015-2016  
Member of Statistical Genetics faculty search committee, 2016-2017  
Member, Fixed Term Faculty committee, 2012-2015  
Chair of Clinical Program Awards committee, 2015-2016  
Chair of Clinical Program faculty search committee, 2014-2015  
Chair of Program Committee, Society for Research in Psychopathology, 2013  
Member of Society for Research in Psychopathology Early Career Award committee, 2012  
Chair of Clinical Program search committee for Director of the MSU Psychological Clinic, 2011  
Member of Clinical Program Diversity committee, 2011-2012, 2015-2016  
International Organizing Committee, Behavioral Genetics Association annual meeting, June 2010  
Chair of Clinical Program Diversity Committee, 2009-2010  
Chair of Clinical Program Space committee, 2005 to 2010  
Member of Clinical Program faculty search committee, 2007 & 2008  
Member of Clinical Program graduate admissions committee, 2007, 2009, 2015  
Organized new graduate student orientation for Clinical Program, 2005

## **PROFESSIONAL AFFILIATIONS**

American Psychological Association  
American Psychological Society  
Behavior Genetics Association  
Society for Research in Psychopathology  
International Society for Research in Child and Adolescent Psychopathology  
International Society for Research for Research on Aggression  
International Society for Twin Studies