

**S. ALEXANDRA BURT (ALEX)**

Department of Psychology  
Michigan State University  
107D Psychology Building  
East Lansing, Michigan 48824  
517-432-5602 (office)  
517-432-2476 (fax)  
[burts@msu.edu](mailto:burts@msu.edu)

**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

**POSITIONS**

**Michigan State University, Department of Psychology**, Professor, June 2015 to present

**Michigan State University, Department of Psychology**, Associate Professor, June 2010 to June 2015

**Michigan State University, Department of Psychology**, Assistant Professor, August 2004 to June 2010

**Department of Psychology, Hennepin County Medical Center**, Predoctoral Clinical Psychology Intern, August 2002 to August 2003

**ACADEMIC HONORS**

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

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

### Under Review

- 1) The Eunice Kennedy Shriver National Institute for Child Health and Human Development (NICHD), R01-HD098841: "The methylomic consequences of neighborhood disadvantage for youth antisocial behavior"; \$3,406,789 (total costs); 8/18/2019 – 5/31/2024.  
*Role: Principal Investigator (with Shaunna Clark)*

### Currently Funded

- 1) 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 – 5/31/2022.  
*Role: Principal Investigator (with Luke W. Hyde)*
- 2) The National Institute of Mental Health (NIMH), UG3/UH3-MH114249: "Mechanisms underlying resilience to neighborhood disadvantage"; \$3,492,751 (total costs); 9/01/2017 – 8/31/2022.  
*Role: Principal Investigator (with Luke W. Hyde)*
- 3) 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)*
- 4) 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 – 3/31/2022.  
*Role: co-Investigator*
- 5) 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*
- 6) 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*

### Previously funded

- 1) 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)*
- 2) 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)*

- 3) The Eunice Kennedy Shriver National Institute for Child Health and Human Development, R01, HD066040: "Integrating contextual, proximal, and individual risks for child conduct problems"; \$2,957,439 (total costs); 7/25/10 – 5/31/16.  
*Role: Principal Investigator*
- 4) 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*
- 5) 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*
- 6) 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*
- 7) National Institute for Mental Health, R01, MH081813: "Gene-environment interactions in childhood conduct problems"; \$1,573,200 (total costs); 7/01/08 – 3/31/14.  
*Role: Principal Investigator*
- 8) 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*
- 9) 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)*
- 10) 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*
- 11) 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*
- 12) 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*
- 13) 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*

- 14) 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*
- 15) 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*
- 16) 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*
- 17) 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 (162 to date; \* indicates a student paper)**

- Burt, S.A.**, Clark, D.A., Pearson, A.R., Klump, K.L., & Neiderhiser, J.M. (in press). Do neighborhood social processes moderate the etiology of youth conduct problems? *Psychological Medicine*.
- Silventoinen, K., Jelenkovic, A., Yokoyama, Y., Sund, R., Sugawara, M., ... **Burt, S.A.**, Klump, K.L., ... & Kaprio, J. (in press). The CODATwins Project: the current status and recent findings of COllaborative project of Development of Anthropometrical measures in Twins. *Twin Research and Human Genetics*.
- Burt, S.A.**, Slawinski, B.L., Carsten, E.E., Harden, P., Hyde, L.W., & Klump, K.L. (in press). How should we understand the absence of sex differences in the genetic and environmental origins of antisocial behavior? *Psychological Medicine*.
- Hawes, S., Waller, R., Thompson, W.K., Hyde, L.W., Byrd, A.L., **Burt, S.A.**, Klump, K.L., & Gonzalez, R. (in press). Assessing callous-unemotional traits: Development of a brief, reliable measure in a large and diverse sample of preadolescent youth. *Psychological Medicine*.
- Thomason, M.E., Hect, J.L., Rauh, V.A., Trentacosta, C., Wheelock, M.D., Eggebrecht, A.T., Espinoza-Heredia, C., & **Burt, S.A.** (in press). Prenatal lead exposure impacts cross-hemispheric and long-range connectivity in the human fetal brain. *NeuroImage*.
- Silventoinen, K., Jelenkovic, A., Latvala, A., Yokoyama, Y., Sund, R ... **Burt, S.A.**, Klump, K.L., ... & Kaprio, J. (in press). Parental education and genetics of body mass index from infancy to old age: A pooled analysis of 29 twin cohorts. *Obesity*.
- \*Forney, K. J., Keel, P. K., O'Connor, S., Sisk, C., **Burt, S. A.**, & Klump, K. (in press). Interaction of hormonal and social environments in understanding body image concerns in adolescent girls. *Journal of Psychiatric Research*.
- \*Sypher, I., Hyde, L.W., Peckins, M.K., Waller, R., Klump, K.L., & **Burt, S.A.** (in press). Effects of parenting and community violence on aggression-related social goals: A monozygotic twin differences study. *Journal of Abnormal Child Psychology*.

- \*Fowler, N., Keel, P.K., **Burt, S.A.**, Neale, M.C., Boker, S., Sisk, C., & Klump, K.L. (2019). Associations between ovarian hormones and emotional eating across the menstrual cycle: Do ovulatory shifts in hormones matter? *International Journal of Eating Disorders*, *52*, 195-199.
- \*Slawinski, B.L., Klump, K.L., & **Burt, S.A.** (in press). No sex differences in the origins of covariation between physical and social aggression. *Psychological Medicine*.
- \*Madrid-Valero, J.J., Ordoñana, J.R., Klump, K.L., & **Burt, S.A.** (in press). Children's sleep and antisocial behavior: Differential associations of sleep with aggression and rule-breaking. *Journal of Abnormal Child Psychology*.
- \*Schires, S.M., Buchanan, N.T., Lee, R.M., McGue, M., Iacono, W.G., & **Burt, S.A.** (in press). Discrimination and ethnic-racial socialization among youth adopted from South Korea into White American families. *Child Development*.
- Burt, S.A.**, Plaisance, K.L., & Hambrick, D.Z. (2019). Understanding "what could be": A call for 'Experimental Behavioral Genetics'. *Behavior Genetics*, *49*, 235-243.
- Belz, A.M., Moser, J.S., Zhu, D.C., **Burt, S.A.**, and Klump, K.L. (in press). Using person-specific neural networks to characterize heterogeneity in eating disorders: Illustrative links to ovarian hormones. *International Journal of Eating Disorders*.
- Willey, M.N., Donnellan, M.B., Klump, K.L., & **Burt, S.A.** (in press). Using multiple methods to evaluate associations between externalizing psychopathology, personality, and relationship quality: A replication and extension. *Journal of Personality Disorders*.
- \*Slawinski, B.L., Klump, K.L., & **Burt, S.A.** (2019). The etiology of social aggression. A nuclear twin-family study. *Psychological Medicine*, *49*, 162-169.
- Burt, S.A.**, Pearson, A.L., Rzotkiewicz, A., Klump, K.L., & Neiderhiser, J.M. (2019). It really does take a village: The role of neighbors in the etiology of non-aggressive rule-breaking. *Development & Psychopathology*, *31*, 713-725.
- \*Burgoyne, A.P., Hambrick, D.Z., Moser, J.S., & **Burt, S.A.** (2018). Analysis of a mindset intervention. *Journal of Research in Personality*, *77*, 21-30.
- Waller, R., Hyde, L.W., Klump, K.L., & **Burt, S.A.** (2018). Parenting is an environmental predictor of callous-unemotional traits and aggression: A monozygotic twin differences study. *Journal of the American Academy of Child and Adolescent Psychiatry*, *57*, 955-963.
- Jelenkovic, A., Rebato, E., Cutler, T.L., Hopper, J., ...**Burt, S.A.** ..., & Silventoinen K. (2018). Associations between birth size and later height from infancy through adulthood: An individual based pooled analysis of 28 twin cohorts participating in the CODATwins project. *Early Human Development*, *120*, 53-60.
- Jelenkovic, A., Sund, R., Yokoyama, Y., ...**Burt, S.A.** ..., & Silventoinen K. (2018). Birth size and gestational age in opposite-sex twins as compared to same-sex twins: An individual-based pooled analysis of 21 cohorts. *Scientific Reports*, *8*, 6300.
- Klump, K.L., Mayhall, L., Sisk, C.L., Culbert, K.M., & **Burt, S.A.** (2018). Estradiol moderates genetic influences on binge eating during puberty: Disruption of normative processes? *Journal of Abnormal Psychology*, *127*, 458-470.

- \*Clark, D.A., Klump, K.L., & **Burt, S.A.** (2018). Parent depressive symptomatology moderates the etiology of externalizing behavior in childhood: An examination of gene-environment interaction effects. *Developmental Psychology, 54*, 1277-1289.
- Burt, S.A.**, Slawinski, B.L., & Klump, K.L. (2018). Are there sex differences in the etiology of youth antisocial behavior? *Journal of Abnormal Psychology, 127*, 68-78.
- Burt S.A.** & Alhabash, S.A. (2018). Illuminating the nomological network of digital aggression: Results from two studies. *Aggressive Behavior, 44*, 125-135.
- Tielbeek, J. ...**Burt, S.A.**, Lu, Q., ... (2017). Genome-wide association studies of a broad spectrum of antisocial behavior. *JAMA Psychiatry, 74*, 1242-1250.
- Wen Y., **Burt, S.A.**, & Lu, Q. (2017). Risk prediction modeling of sequencing data from family-based studies using a random field method. *Genetics, 207*, 63-73.
- Silventoinen, K., Jelenkovic, A., Sund, R., Yokoyama, Y., Hur, Y-M., ... **Burt, S.A.**, Klump, K.L., ... & Kaprio, J. (2017). Differences in genetic and environmental effects on adult BMI by sex, age, time period, and region: An individual-based pooled meta-analysis of 40 twin cohorts. *American Journal of Clinical Nutrition, 106*, 457-466.
- Klump, K.L., Culbert, K.M., O'Connor, S., Fowler, N., & **Burt, S.A.** (2017). The significant effects of puberty on the genetic diathesis of binge eating in girls. *International Journal of Eating Disorders, 50*(8), 984-989.
- Jelenkovic, A., Yokoyama, Y., Sund, R., Pietiläinen, K., Hur, Y-M., ... **Burt, S.A.**, Klump, K.L., ... & Silventoinen, K. (2017). Association between birthweight and later body mass index: A study on 27 twin cohorts participating in the CODATwins project. *International Journal of Epidemiology, 46*, 1488-1498.
- Li, I., Clark, D. A., Klump, K. L., and **Burt, S.A.** (2017). Parental involvement as an etiological moderator of middle childhood oppositional defiant disorder. *Journal of Family Psychology, 31*, 659-667.
- Culbert, K.L., **Burt, S.A.**, & Klump, K.L. (2017). Expanding the developmental boundaries of etiologic effects: The role of adrenarche in genetic influences on disordered eating in males. *Journal of Abnormal Psychology, 126*, 593-606.
- \*O'Connor, S. M., Beam, C.R., Luo, X., Cohen, A., VanHuyse, J.L., Emery, R.E., Turkheimer, E., Keel, P.K., **Burt, S.A.**, Neale, M.C., Boker, S., & Klump, K.L. (2017). Genetic and environmental associations between body dissatisfaction, weight preoccupation, and binge eating: Evidence for a common factor with differential loadings across symptom type. *International Journal of Eating Disorders, 50*, 157-161.
- Racine, S.E., VanHuyse, J.L., Keel, P.K., **Burt, S.A.**, Neale, M.C., Boker, S., & Klump, K.L. (2017). Eating disorder-specific risk factors moderate the relationship between negative urgency and binge eating: A behavioral genetic investigation. *Journal of Abnormal Psychology, 126*, 481-494.
- Klahr, A.M., **Burt, S.A.**, Leve, L.D., Shaw, D.S., Ganiban, J.M., Reiss, D., & Neiderhiser, J.M. (2017). Birth and adoptive parent antisocial behavior and parenting: A study of evocative gene-environment correlation. *Child Development, 88*, 505-513.

- Jelenkovic, A., Sund, R., Hur, Y-M., Yokoyama, Y., Hjelmborg, B., ... **Burt, S.A.**, Klump, K.L., ... & Silventoinen, K. (2016). Genetic and environmental influences on height from infancy to early adulthood: An individual-based pooled analysis of 45 twin cohorts. *Scientific Reports*, *6*, 28496.
- Klump, K.L., O'Connor, S.M., Hildebrandt, B.A., Keel, P.K., Neale, M., Sisk, C.L., Boker, S., and **Burt, S.A.** (2016). Differential effects of estrogen and progesterone on genetic and environmental risk for emotional eating in women. *Clinical Psychological Science*, *4*(5), 895-908.
- Silventoinen, K., Jelenkovic, A., Sund, R., Hur, Y-M., Yokoyama, Y., Honda, C., ... **Burt, S.A.**, Klump, K.L., ... & Kaprio, J. (2016). Genetic and environmental effects on body mass index from infancy to the onset of adulthood: An individual-based pooled analysis of 45 twin cohorts participating in the CODATwins study. *American Journal of Clinical Nutrition*, *104*, 371-379.
- Jelenkovic, A., Hur, Y-M., Sund, R., Yokoyama, Y., Siribaddana, S.H., ... **Burt, S.A.**, Klump, K.L., ... & Silventoinen, K. (2016). Genetic and environmental influences on adult human height across birth cohorts from 1886 to 1994. *eLife*, *5*, e20320.
- \*Luo, X., Donnellan, M.B., **Burt, S.A.**, & Klump, K.L. (2016). The dimensional nature of eating pathology: Evidence from a direct comparison of categorical, dimensional, and hybrid models. *Journal of Abnormal Psychology*, *125*, 715-726.
- Yokoyama, Y., Jelenkovic, A., Sund, R., Sung, R., Hopper, J.L., Ooki, S., Heikkila, K., Aaltonen, S., Tarnoki, A.D., Tarnoki, D.L., Willemsen, G., Bartels, M., van Beijstervedt, T., Saudino, K.J., Cutler, T.L., ... **Burt, S.A.**, Klump, K.L., ..., Silventoinen, K. (2016). Twin's birth-order differences in height and body mass index from birth to old age: A pooled study of 26 twin cohorts participated in the CODATwins project. *Twin Research and Human Genetics*, *19*, 112-124.
- \*Hu, Y., Nesselroade, J.R., Erbacher, M.K., Boker, S.M., **Burt, S.A.**, Keel, P.K., Neale, M.C., Sisk, C.L., & Klump, K.L. (2016). Test reliability at the individual level. *Structural Equation Modeling*, *23*, 532-543.
- VanHuyse, J., **Burt, S.A.**, O'Connor, s., Thompson, K., & Klump, K.L. (2016). Socialization and selection effects in the association between weight conscious peer groups and thin-ideal internalization: A co-twin control study. *Body Image*, *17*, 1-9.
- \*O'Connor, S., **Burt, S.A.**, Van Huyse, J., & Klump, K.L. (2016). What drives associations between weight focused peer groups and disordered eating? Disentangling genetic and shared environmental selection effects from pure socialization effects. *Journal of Abnormal Psychology*, *125*, 356-368.
- Burt, S.A.**, Klump, K.L., Gorman-Smith, D., & Neiderhiser, J.M. (2016). Neighborhood disadvantage alters the origins of children's non-aggressive conduct problems. *Clinical Psychological Science*, *4*, 511-526.
- Donnellan, M.B. & **Burt, S.A.** (2016). A further evaluation of the triarchic conceptualization of psychopathy in college students. *Journal of Psychopathology and Behavioral Assessment*, *38*, 172-182.
- Burt, S.A.**, Donnellan, M.B., Slawinski, B.L., & Klump, K.L. (2016). The phenomenology of non-aggressive antisocial behavior during childhood. *Journal of Abnormal Child Psychology*, *44*, 651-661.

- Jelenkovic, A., Yokoyama, Y., Sund, R., Honda, C., Bogl, L.H., Aaltonen, S., Ji, F., Ning, F., Pang, Z., Ordoñana, J.R., Sánchez-Romera, J., Colodro-Conde, L., **Burt, S.A.**, Klump, K.L., ..., Silventoinen, K. (2015). Zygosity differences in height and body mass index of twins from infancy to old age: A study of the CODATwins project. *Twin Research and Human Genetics*, *18*, 557-570.
- Klump, K.L., Hildebrandt, B.A., O'Connor, S.M., Keel, P.K., Neale, M., Sisk, C., Boker, S. & **Burt, S.A.** (2015). Changes in genetic risk for emotional eating across the menstrual cycle: A longitudinal study. *Psychological Medicine*, *45*, 3227-3237.
- Burt, S.A.** (2015). Evidence that the GxE underlying youth conduct problems vary across development. *Child Development Perspectives*, *9*, 217-221.
- Burt, S.A.**, Klump, K.L., Kashy, D.A., Gorman-Smith, D., & Neiderhiser, J.M. (2015). Neighborhood as a predictor of non-aggressive, but not aggressive, antisocial behaviors in adulthood. *Psychological Medicine*, *45*, 2897-2907.
- Silventoinen, K., Jelenkovic, A., Sund, R., Honda, C., Aaltonen, S., Yokoyama, Y., Tarnoki, A.D., Tarnoki, D.L., Ning, F., Ji, F., Pang, Z., Ordoñana, J.R., Sánchez-Romera, J., Colodro-Conde, L., **Burt, S.A.**, Klump, K.L., ..., Kaprio, J. (2015). The CODATwins project: the cohort description of COllaborative project of Development of Anthropometrical measures in Twins to study macro-environmental variation in genetic and environmental effects on anthropometric traits. *Twin Research and Human Genetics*, *18*, 348-360.
- Burt, S.A.**, Rescorla, L.A., Achenbach, T.A., Ivanova, M.Y., Almqvist, F., Begovac, I., Bilenberg, N., Bird, H., Chahed, M., Dobrean, A., Döpfner, M., Erol, N., Hannesdottir, H., Kanbayashi, Y., Lambert, M.C., Leung, P.W.L., Minaei, A., Novik, T.S., Oh, K.-J., Petot, D., Petot, J.-M., Pomalima, R., Rudan, V., Sawyer, M., Simsek, Z., Steinhausen, H.-C., Valverde, J., van der Ende, J., Weintraub, S., Winkler Metzke, C., Wolanczyk, T., Zhang, E.Y., Zukauskienė, R., & Verhulst, F.C. (2015). The association between aggressive and non-aggressive antisocial problems as measured with the Achenbach System of Empirically Based Assessment: A study of 27,861 parent-adolescent dyads from 25 societies. *Personality and Individual Differences*, *85*, 86-92.
- Racine, S.E., **Burt, S.A.**, Keel, P.K., Sisk, C., Neale, M., Boker, S., & Klump, K.L. & Klump, K.L. (2015). Examining associations between negative urgency and key components of objective binge episodes. *International Journal of Eating Disorders*, *48*, 527-531.
- Culbert, K.M., Breedlove, S.M., Sisk, C.L., Keel, P.K., Neale, M.C., Boker, S.M., **Burt, S.A.**, & Klump, K.L. (2015). Age differences in prenatal testosterone's protective effects on disordered eating symptoms: Developmental windows of expression? *Behavioral Neuroscience*, *129*, 18-36.
- Hyde, L.W., **Burt, S.A.**, Shaw, D.S., Donnellan, M.B., & Forbes, E.M. (2015). Early starting, aggressive, and/or callous-unemotional? Examining the overlap and predictive utility of antisocial behavior subtypes. *Journal of Abnormal Psychology*, *124*, 329-342.
- Burt, S.A.**, Klahr, A.M., & Klump, K.L. (2015). Do non-shared environmental influences persist over time? An examination of days and minutes. *Behavior Genetics*, *45*, 24-34.
- \*Klahr, A.M., Klump, K.L., & **Burt, S.A.** (2015). A constructive replication of the association between the oxytocin receptor genotype and parenting. *Journal of Family Psychology*, *29*, 91-99.



- \*Hildebrandt, B.A., Racine, S.E., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K.L. (2015) preoccupation across the menstrual cycle. *International Journal of Eating Disorders*, *48*, 477-486.
- Nikolas, M., Klump, K.L., & **Burt, S.A.** (2015). Parental involvement moderates etiological influences on attention-deficit hyperactivity disorder behaviors in child twins. *Child Development*, *86*, 224-240.
- Suisman, J.L., Thompson, J.K., Keel, P.K., **Burt, S.A.**, Neale, M., Boker, S., Sisk, C., & Klump, K.L. (2014). Genetic and environmental influences on thin-ideal internalization across puberty and pre-adolescent, adolescent, and young adult development. *International Journal of Eating Disorders*, *47*, 773-783.
- \*Racine, S. E., Culbert, K.M., **Burt, S.A.**, & Klump, K.L. (2014). Advanced paternal age at birth: phenotypic and etiologic associations with eating pathology in offspring. *Psychological Medicine*, *44*, 1029-1041.
- Burt, S.A.**, Wildey, M.N., & Klump, K.L. (2014). The quality of the inter-parental relationship does not moderate the etiology of child conduct problems. *Psychological Medicine*, *45*, 319-332.
- \*Klahr, A.M. & **Burt, S.A.** (2014). Practitioner review: Evaluation of the known behavioral heterogeneity in Conduct Disorder to improve its assessment and treatment. *Journal of Child Psychology and Psychiatry*, *55*, 1300-1310.
- Haedt-Matt, A. A., Keel, P. K., Racine, S., **Burt, S. A.**, Hu, J., Boker, S., Neale, M., & Klump, K. (2014). Do emotional eating urges regulate affect? Concurrent and prospective associations and implications for risk models of binge eating. *International Journal of Eating Disorders*, *47*, 874-877.
- White, E., Slane, J., Klump, K.L., **Burt, S. A.**, and Pivarnik, J. (2014). Sex differences in genetic and environmental influences on percent body fatness and physical activity. *Journal of Physical Activity and Health*, *11*, 1187-1193.
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#### **OTHER PUBLICATIONS/ BOOK CHAPTERS (14 to date; \* indicates a student paper)**

- 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.** (2011). Heritability in the era of molecular genetics: A comment. *European Personality Reviews*, 25, 268-269.
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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.
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- Burt, S.A.** (2008). Gene-environment interactions and their impact on the development of personality traits. *Psychiatry*, 7, 507-510.

#### **INVITED PRESENTATIONS (33 to date; \* indicates a student paper)**

- 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.
- 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.
- Burt, S. A.** (2010, January). Age-related changes in genetic and environmental influences: An example. Invited workshop, Facultad de Psicología, Departamento de Psicobiológica, Universidad de Murcia.
- Burt, S. A.** (2010, January). Primer on the analysis of twin data. Invited workshop, Facultad de Psicología, Departamento de Psicobiológica, 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 (182 to date; \* indicates a student paper)**

- 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.
- 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. (under review). Unique effects of age and pubertal development on amygdala-PFC connectivity during face processing. Paper submitted to the 2019 FLUX Society Conference, New York, NT.
- \*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.
- \*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 Huysse, 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.
- 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 (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 Heuval & 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 etiologic 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 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 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 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 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 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.
- \*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 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.



- 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.

- \*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.

- 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

- 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)

## 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

### *Consulting Editor:*

Psychological Bulletin

### *Member of Editorial Board:*

Psychological Science

Aggressive Behavior

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, MSU Foundation Strategic Partnership Grants, 2017-2018

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

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

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

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

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

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

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

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

## **SERVICE ACTIVITIES**

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

Member of the Psychology Department Advisory Board, Summer 2012 to 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