

VITAE

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ACADEMIC APPOINTMENTS

- 2010-present **Assistant Researcher:** Wisconsin Twin Project (Director, H. Hill Goldsmith)
Waisman Center, University of Wisconsin, Madison, WI
- 2007-2010 **Postdoctoral Trainee:** “Biological & Behavioral Approaches to Typical & Atypical Development” T32 MH75880 (Morton Ann Gernsbacher) & “Training in Emotion Research” T32 MH18931 (Richard Davidson)
Department of Psychology, University of Wisconsin, Madison, WI
- 2007 **Research Associate**
UW Twin Center, Department of Psychology, University of Wisconsin, Madison, WI

EDUCATION

- 2007 **Ph.D. in Psychology**
Human Development Program, Department of Psychology, Boston University,
Boston, MA
- 1999 **M.A. in Psychology**
Department of Psychology, Boston University, Boston, MA
- 1996 **Ed.M. in Counseling**
School of Education, Boston University, Boston, MA
- 1995 **B.A. in Psychology**
Boston College, Chestnut Hill, MA

HONORS AND AWARDS

- 2005-2007 **Ruth L. Kirschstein National Research Service Award (Predoctoral)**
National Institute of Mental Health F31 MH076353-01
Description: "Behavioral Genetic Analysis of Inhibitory Control" (\$28,204 per year)
- 2004-2005 **Elizabeth Munsterberg Koppitz Child Psychology Graduate Fellowship**
American Psychological Foundation (American Psychological Association)
Description: \$20,000 Koppitz Fellowship plus travel funds (\$3000). For the
"advancement of knowledge and learning in the field of child psychology."
- 1999-2003 **Presidential University Graduate Fellowship**
Graduate School of Arts and Sciences, Boston University
Description: Four-year academic fellowship awarded on the basis of academic
achievement.

PUBLICATIONS

- Gagne, J. R., Saudino, K. J., & Asherson, P. (in press). The genetic etiology of inhibitory control and behavior problems at 24 months of age. *Journal of Child Psychology and Psychiatry*.
- Goldsmith, H. H. & Gagne, J. R. (in press). Behavioral Assessment of Temperament. In M. Zentner & R. Shiner (Eds.), *Handbook of Temperament*. New York: Guilford Press.
- Gagne, J. R., Van Hulle, C. A., Aksan, N., & Essex, M. J., & Goldsmith, H. H. (in press). Deriving childhood temperament measures from emotion-eliciting behavioral episodes: Scale construction and initial validation. *Psychological Assessment*. NIHMSID: NIHMS251016
- Gagne, J. R. & Goldsmith, H. H. (2011). A longitudinal analysis of anger and inhibitory control in twins from 12-36 months of age. *Developmental Science*, *14*, 112-124. PMID: 21159093. NIHMSID: NIHMS184309.
- Gagne, J. R. & Saudino, K. J. (2010). Wait for it! The etiology of inhibitory control in early childhood. *Behavior Genetics*, *40*, 327-337. PMID: 19936910.
- Gagne, J. R., Vendlinski, M. K., & Goldsmith, H. H. (2009). The genetics of childhood temperament. In Y-K Kim (Ed.). *Handbook of Behavioral Genetics*. New York: Springer.
- Gagne, J. R. (2007). *Wait for it! The etiology of inhibitory control in early childhood*. Doctoral Dissertation, Boston University.

- Gagne, J. (2005). Difficult child. Easy child. Slow-to-warm-up child. Goodness-of-fit. Temperament. In G. C. Davey (Ed.) *The Encyclopaedic Dictionary of Psychology*. London: Edward Arnold Publishers Limited.
- Saudino, K. J., Wertz, A., Gagne, J. R., Chawla, S. (2004). Night and day: Are siblings as different in temperament as parents say they are? *Journal of Personality and Social Psychology*, 87, 698-706.
- Gagne, J. R., Saudino, K. J. & Cherny, S. S. (2003). Genetic influences on temperament in early adolescence: A multimethod perspective. In S. A. Petrill, R. Plomin, J. C. DeFries, & J. K. Hewitt (Eds.), *Nature, Nurture, and the Transition to Early Adolescence*. New York: Oxford University Press.
- Saudino, K. J., Gagne, J. R. & Becker, M. (2003). Genetic influences on life events in middle childhood and early adolescence. In S. A. Petrill, R. Plomin, J. C. DeFries, & J. K. Hewitt (Eds.), *Nature, Nurture, and the Transition to Early Adolescence*. New York: Oxford University Press.
- Saudino, K. J., Gagne, J. R., Grant, J., Ibatoulina, A., Marytuina, T., Ravich-Scherbo, I., & Whitfield, K. (1999). Genetic and environmental influences on personality in Adult Russian Twins. *International Journal of Behavioral Development*, 23, 375-389.

MANUSCRIPTS IN PREPARATION

- Gagne, J. R., Volbrecht, M. M., & Goldsmith, H. H. Shyness, activity level, and inhibitory control in preschoolers: Gender, assessment and etiology. Manuscript in preparation.

REVIEWING

- Ad Hoc Reviewer:
Journal of Child Psychology and Psychiatry

ABSTRACTS AND PRESENTATIONS

- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K. & Goldsmith, H. H. (2011, June). Longitudinal analyses of inhibitory control and ADHD-related behavior problems and symptoms: Toddlerhood, first grade and early adolescence. Paper presented at the 41st Annual Meeting of the Behavior Genetics Association, Newport, Rhode Island.

- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K. & Goldsmith, H. H. (2010, June). Parent and laboratory-assessed inhibitory control and related behavior problems at 7-8 years of age. Paper presented at the 13th International Congress on Twin Studies, Seoul, South Korea.
- Gagne, J. R. & Saudino, K. J. (2010, June). A longitudinal analysis of inhibitory control and behavior problems from 24 to 36 months of age. Paper presented at the 40th Annual Meeting of the Behavior Genetics Association, Seoul, South Korea.
- Gagne, J. R., Williams, W. C., Volbrecht, M. M. & Goldsmith, H. H. (2010, June). The Genetics of Emotional Ontogeny Project: Mother ratings of temperament at 6, 12 and 36 months. Paper (oral-session chair) presented at the 40th Annual Meeting of the Behavior Genetics Association, Seoul, South Korea.
- Gagne, J. R., Volbrecht, M. M., & Goldsmith, H. H. (2009, June). A behavior genetic investigation of parent- and laboratory-assessed fear from infancy to early childhood. Paper (oral) presented at the 39th Annual Meeting of the Behavior Genetics Association, Minneapolis, MN.
- Gagne, J. R., Vendlinski, M. K., Lemery-Chalfant, K. & Goldsmith, H. H. (2009, June). A twin study of inhibitory control in toddlerhood and related behavior problems at 7-8 years of age. Paper presented at the 39th Annual Meeting of the Behavior Genetics Association, Minneapolis, MN.
- Pai, K. A., Bild, N. C., Volbrecht, M. M., Gagne, J. R., & Goldsmith, H. H. (2009, May). Examining shyness at ages 6, 12, and 36 months using a longitudinal twin sample. Paper presented at the 81st Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Gagne, J. R., Buss, K. A., & Goldsmith, H. H. (2009, April). Associations among emotional reactivity, parental stress and cortisol reactivity in infancy. Paper presented at the 68th meeting of the Society for Research in Child Development, Denver, CO.
- Torres, R., Heffelfinger, A., Navarro, D., Brindowski, K., Gagne, J., & Goldsmith, H. (2009, February). The relationship between performance on attention/executive functioning tests and parent report of externalizing behavior problems in three-year-old twins. Paper presented at the 37th Annual Meeting of the International Neuropsychological Society, Atlanta, GA.
- Gagne, J. R. & Goldsmith, H. H. (2008, June). A behavior genetic investigation of laboratory-assessed anger and inhibitory control in infancy and early childhood. Paper presented at the 38th Annual Meeting of the Behavior Genetics Association, Louisville, KY.

- Young, N. D., Williams, W. C., Gagne, J. R. & Goldsmith, H. H. (2008, May). Associations between infant anger and later developing inhibitory control. Paper presented at the 80th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Gagne, J. R. & Goldsmith, H. H. (2007, June). A twin analysis of inhibitory behavior from 12-36 months of age. Paper presented at the 37th Annual Meeting of the Behavior Genetics Association, Amsterdam, The Netherlands.
- Gagne, J. R. & Saudino, K. J. (2007, April). Inhibitory control, attention deficit/hyperactivity disorder, and externalizing behaviors in toddlerhood. Paper presented at the 67th meeting of the Society for Research in Child Development, Boston, MA.
- Zona, K. P., Saudino, K. J., & Gagne, J. R. (2007, April). Harsh parental discipline and child externalizing problems in early toddlerhood: The moderating effects of parental warmth. Paper presented at the 67th meeting of the Society for Research in Child Development, Boston, MA.
- Gagne, J. R. & Saudino, K. J. (2006, June). A multivariate twin analysis of inhibitory control and behavior problems at 24 months of age. Paper (oral) presented at the 36th Annual Meeting of the Behavior Genetics Association, Storrs, CT.
- Gagne, J. R. (2005, August). A behavioral genetic investigation of inhibitory control in early childhood. Paper (oral) presented at the pre-conference workshop for Elizabeth Munsterberg Koppitz Child Psychology Graduate Fellows at the 113th Annual Meeting of the American Psychological Association, Washington, DC.
- Gagne, J. R. & Saudino, K. J. (2005, June). A behavioral genetic analysis of inhibitory control at 24 months of age. Paper (oral) presented at the 35th Annual Meeting of the Behavior Genetics Association, Hollywood, CA.
- Gagne, J. R., Chawla, S., & Saudino, K. J. (2005, April). Inhibitory control and behavior problems at age two. Paper presented at the 66th meeting of the Society for Research in Child Development, Atlanta, GA.
- Gagne, J. R., Fenstermacher, S. K., & Saudino, K. J. (2005, April). Parent- and observer-rated inhibitory control at age two. Paper presented at the 66th meeting of the Society for Research in Child Development, Atlanta, GA.
- Chawla, S., Gagne, J. R., & Saudino, K. J. (2005, April). Group differences in daily patterns of activity level. Paper presented at the 66th meeting of the Society for Research in Child Development, Atlanta, GA.

- Fenstermacher, S. K., Gagne, J. R., & Saudino, K. J. (2005, April). Predictors of imitative performance at age 24 months. Paper presented at the 66th meeting of the Society for Research in Child Development, Atlanta, GA.
- Gagne, J. R. (2002, March). Temperament: Is etiology in the eye of the beholder? Paper (oral) presented at the 1st Boston University Human Development Psycolloquium, Boston, MA.
- Saudino, K., Gagne, J., & Hines, D. (2001, April). Does activity predict substance abuse in late adolescence? Paper presented at the 64th meeting of the Society for Research in Child Development, Minneapolis, MN.
- Gagne, J. R. & Saudino, K. J. (2000, June). Longitudinal analyses of teacher-rated temperament in early adolescence. Paper presented at the 30th Annual Meeting of the Behavior Genetics Association, Burlington, VT.
- Saudino, K. J., Thompson, L. A., & Gagne, J. R. (2000, June). Genetic influences on activity level in adolescence: Do the same genetic effects operate on parent ratings, self ratings and mechanical measures? Paper presented at the 30th Annual Meeting of the Behavior Genetics Association, Burlington, VT.
- Hines, D. A., Gagne, J. R., & Saudino, K. J. (1999, August). Does sex matter? Predicting life events from personality. Paper presented at the 107th Annual Convention of the American Psychological Association, Boston, Massachusetts.
- Saudino, K. J., Gagne, J. R., & Thompson, L. A. (1999, April). A multimethod assessment of activity level in adolescent twins. Paper presented at the 63rd meeting of the Society for Research in Child Development, Albuquerque, New Mexico.
- Saudino, K. J., Gagne, J. R. (1998, May). Genetic analysis of parent, teacher, and self-reported temperament in early adolescence. Paper presented at the 10th Annual Convention of the American Psychological Society, Washington, D.C.
- Becker, M., Saudino, K. J., & Gagne, J. R. (1998, May). Genetic influences on adolescent's reports of life events. Paper presented at the 10th Annual Convention of the American Psychological Society, Washington, D.C.

RESEARCH EXPERIENCE

- 2007-present **UW Twin Center, University of Wisconsin, Department of Psychology**
Assistant Researcher, Postdoctoral Trainee and Research Associate
Supervisor: H. Hill Goldsmith, Ph.D.
Activities: The UW Twin Center conducts twin research on socio-emotional development from infancy to the middle school years. Currently, there are three ongoing NIMH-funded studies at the Twin Center. These studies include: the Genetics of Emotional Ontogeny (GEO), Wisconsin Twin Project (WTP) and the Affect, Psychophysiology and Heritability Encoded by the Conduct of Twins (APHECT). Duties include data analysis, editing and preparation of manuscripts, and supervising and training staff and undergraduate students.
- 2003-2007 **Boston University Twin Project, Boston University, Department of Psychology**
Graduate Research Assistant
Supervisor: Kimberly J. Saudino, Ph.D.
Activities: The Boston University Twin Project is an NIMH-funded investigation of individual differences in child behavior, focusing on activity level and related behaviors in twins. Duties included administration of the Bayley Mental Scales of Development, the Laboratory Temperament Assessment Battery, and attachment of motion recorders to 2- and 3-year old children; preparation of all parent measures and DNA collection kits; videotaping, DVD dubbing, data entry, data coding, data analysis, editing and preparation of manuscripts; and supervising and training undergraduate and master's level students.
- 1997-2002 **Developmental Behavior Genetics Laboratory, Boston University, Department of Psychology**
Graduate Research Assistant
Supervisor: Kimberly J. Saudino, Ph.D.
Activities: Research and writing. Data collection and analysis. Data sets include the Twin Project, the Boston University Sibling Study, the Colorado Adoption Project, the Western Reserve Twin Project, an Adult Russian Twin Study, and a project on activity, personality, life events, and substance use in college students. Training encompassed programming SAS, structural equation modeling in Mx, and preparing manuscripts for publication and posters for presentation at national conferences. Supervised undergraduate research activities.

- 1996-1997 **Center for Anxiety and Related Disorders, Boston University, Department of Psychology**
Research Assistant
Supervisor: Stefan G. Hofmann, Ph.D.
Activities: Research. Data entry and management for a multi-center NIMH grant funded family study of specific phobia in pro-bands and its co-occurrence in first degree relatives. Training included coding the Structured Clinical Interview for the DSM-IV and the Anxiety Disorders Interview Schedule, and data entry in Microsoft Excel.
- 1994-1995 **Child Development Laboratory, Boston College, Department of Psychology**
Research Assistant
Supervisor: Karen Rosen, Ph.D.
Activities: Research. Videotaping and participating in the assessment of cross-sibling, infant-caregiver attachment within a modified version of Ainsworth and Wittig's Strange Situation Paradigm.

TEACHING EXPERIENCE

- Summer 2011 **University of Wisconsin, Department of Psychology**
Associate Lecturer: Psychology 560 (Child Psychology)–present lectures, hold office hours, prepare syllabus, select text and supplementary readings, administer and grade exams and papers. This course enrolls up to 30 undergraduate students.
- Spring 2011 **University of Wisconsin, Department of Psychology**
Associate Lecturer: Psychology 411 (Temperament and Childhood Behavior Problems)–present lectures, hold office hours, prepare syllabus, select text and supplementary readings, administer and grade exams and presentations. This course enrolls up to 25 undergraduate students.
- Fall 2010 **University of Wisconsin, Department of Psychology**
Associate Lecturer: Psychology 560 (Child Psychology)–present lectures, hold office hours, prepare syllabus, select text and supplementary readings, administer and grade exams and papers, and supervise teaching assistants. This course enrolls up to 200 undergraduate students.
- 2007-present **University of Wisconsin, Department of Psychology**
Directed Study Supervisor: Supervised undergraduate students participating in directed study course. Duties included lab supervision, the development of research paper topics with students, and paper grading.

- 2007-2008 **University of Wisconsin, Department of Psychology**
Discussion Leader: Conducted bi-weekly meetings with undergraduate GEO lab members in fall 2007 and 2008. Students were required to select research articles related to ongoing lab research and prepare questions.
- 2004-2007 **Boston University, Department of Psychology**
Directed Study Supervisor: Supervised undergraduate students participating in directed study course. Duties included lab supervision, the development of research paper topics with students, and paper grading.
- 2000-2002 **Boston University, Department of Psychology**
Guest Lecturer: General Psychology, Developmental Psychology, and Abnormal Psychology. Prepared and delivered lectures for specific class and discussion sections. Topics included temperament, behavior genetics, and child disorders.
- 2000-2002 **Boston University, Department of Psychology**
Teaching Fellow: General Psychology, Developmental Psychology, and Abnormal Psychology
Supervisors: Kimberly J. Saudino, Ph.D., Mark Richardson, Ph.D., William Malamud, M.D.

PROFESSIONAL ASSOCIATION MEMBERSHIPS

Association for Psychological Science

Behavior Genetics Association

Society for Research in Child Development

GRADUATE SERVICE COMMITTEES

- 2004-2006 **Human Development Colloquium Committee, Boston University, Department of Psychology**
Chairperson
- 2001-2004 **Boston University Graduate Student Organization (G. S. O.)**
Psychology Department Representative
- 2000-2002 **Human Development Colloquium Committee, Boston University, Department of Psychology**
Member

PROFESSIONAL DEVELOPMENT AND WORKSHOPS

- April, 2011 **2011 Wisconsin Symposium on Emotion – *Neurogenetic Plasticity, Emotion, and Psychopathology***
University of Wisconsin, Madison
- May, 2010 **Introduction to Statistical Computing in R – Faculty: *John Fox (McMaster University)***
University of Wisconsin, Madison
- April, 2010 **2010 Wisconsin Symposium on Emotion – *Neuroplasticity of Emotion: Psychopathology & Treatment***
University of Wisconsin, Madison
- April, 2009 **2009 Wisconsin Symposium on Emotion – *Adolescence: Brain Plasticity & Psychopathology***
University of Wisconsin, Madison
- April, 2008 **2008 Wisconsin Symposium on Emotion – *Emotion, Consciousness & Psychopathology***
University of Wisconsin, Madison
- March, 2008 **The 2008 International Workshop on Methodology of Twin and Family Studies**
Institute for Behavioral Genetics, University of Colorado, Boulder
- April, 2007 **2007 Wisconsin Symposium on Emotion – *Risk, Resilience & Psychopathology***
University of Wisconsin, Madison
- May, 2003 **Fifth Annual ADHD Molecular Genetics Network Meeting**
Charles Hotel, Cambridge, MA
- March, 2000 **Thirteenth International Workshop on Methodology of Twin and Family Studies**
Institute for Behavioral Genetics, University of Colorado, Boulder