

Carol A. Van Hulle
Curriculum Vitae

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EDUCATION:

Ph.D., Psychology, University of Colorado, CO, 2001
MA, Psychology, University of Colorado, CO, 1999
BA, Psychology, Augsburg College, MN 1995
BA, Mathematics, Augsburg College, MN 1995

RESEARCH EXPERIENCE:

Selected research projects:

- Physiological indices of empathy
- Development of temperament across childhood
- Genetics of early childhood language development
- Genetics of baseline and reactive cortisol levels
- Genetic structure and correlates of Sensory Defensiveness
- Course and development of conduct disorder

2007- **Assistant Scientist.** Waisman Center, University of Wisconsin-Madison.

2004-2007 **Associate Research (Assistant Professor),** Health Studies
Department, University of Chicago. Study course of persistent and
adolescent limited conduct disorder using genetically informative
models.

2001-2004 **Postdoctoral Fellow,** NIH Emotion Research Training Program,
Department of Psychology, University of Wisconsin-Madison. Conduct
research on the development of emotion regulation in young children.
Conduct research on the development and course of internalizing and
externalizing behavior in middle childhood.

1996-2001 **Pre-doctoral Trainee,** NICHD Research Training Program, Institute for
Behavioral Genetics, University of Colorado. Research training in
developmental behavioral genetics.

Technical

2000-2001 Genotyping technician in the Institute for Behavioral Genetics Core Molecular Biology facility - extracting DNA from buccal cells, preparing samples for PCR, and genotyping markers using an ABI system

TEACHING EXPERIENCE:

2003 **Lecturer**, Department of Psychology, University of Wisconsin, undergraduate course in Childhood Development

2002 **Guest Lecturer**, Department of Psychology, University of Wisconsin, Prepared and taught a four week module on the genetics of emotional development and childhood behavior problems in undergraduate course on Research Topics

2002 **Guest Lecturer**, Department of Psychology, University of Wisconsin, Presented an overview of twin methodology to a graduate course in Developmental Behavioral Genetics.

2001 **Instructor**, Institute for Behavioral Genetics, University of Colorado. Designed and taught a six week graduate mini-seminar in Introduction to Twin Methodology.

2000 **Instructor**, Institute for Behavioral Genetics, University of Colorado. Prepared and taught a graduate seminar in Concepts in Behavioral Genetics

2000 **Teaching Assistant**, Department of Psychology, University of Colorado. Undergraduate course in Behavioral Genetics.

1997 **Teaching Assistant**, Department of Psychology, University of Colorado. Undergraduate course in Biological Psychology.

PROFESSIONAL ACTIVITIES and SOCIETIES:

- 1997 Tenth International Workshop on Methodology of Twin and Family Studies, Boulder, CO,
- 1999 Twelfth International Workshop on Methodology of Twin and Family Studies, Boulder, CO
- 2003 Sixteenth International Workshop on Methodology of Twin and Family Studies: Advanced Course, Boulder CO

- Member, Behavior Genetics Association (1996-present)
- Member, International Society for Twin Studies (2000-present)

- Member, Society for Research in Child Development (2001-present)
- Member, Midwest Psychological Association (2001-2003)
- Invited reviewer, *Behavior Genetics*
- Invited reviewer, *Archives of General Psychiatry*
- Invited reviewer, *Journal of Child Psychology and Psychiatry*
- Invited reviewer, *Journal of Abnormal Psychology*
- Invited reviewer, *Psychological Methods*

PUBLICATIONS:

D'Onofrio, B. ., Goonight, J., Van Hulle, C. a., Waldman, I., Rodgers, J., Rathouz, P. & Lahey, B. (submitted). Maternal age at childbirth and offspring conduct problems: Drawing a causal inference. *Psychological Science*.

Rathouz, P. J., Van Hulle, C. A., Rodgers, J. L. & Lahey, B. B. (submitted). Specification, testing, and interpretation of gene-by-measured-environment interaction models in the presence of gene-environment correlation. *Behavior Genetics*.

Lahey, B. B., Van Hulle, C. A., Keenan, K., Rathouz, P., D'Onofrio, B., Rodgers, J. & Waldman, I. (submitted). Temperament and parenting during the first year of life predict future child conduct problems. *Developmental Psychology* .

Waldman, I. D., Van Hulle, C. A., Applegate, B. , Pardini, D., Frick, P & Lahey, B. B. (submitted). Genetic influences on youth conduct disorder are substantially mediated by socio-emotional dispositions relevant to callous-unemotional traits. *Journal of Abnormal Psychology*.

Waldman, I. D., D'Onofrio, B. M., Van Hulle, C. A., Rodgers, J. L., Rathouz, P. J. & Lahey, B. B. (submitted). Heterogeneity in the etiology of childhood conduct problems in blended versus non-blended families. *Nature Genetics*.

Lemery-Chalfant, K., Schreiber, J., Schmidt, N., Van Hulle, C., Essex, M. & Goldsmith, H. (In Press). Assessing internalizing, externalizing, and attention problems in young children: Validation of the HBQ. *Journal of the American Academy of Child and Adolescent Psychiatry*.

Van Hulle, C. A., Rathouz, P., D'Onofrio, B., Waldman, I., Rodges, J. & Lahey, B. (submitted). Developmental architecture of genetic and environmental influences on adolescent delinquency. *General Archives of Psychiatry*.

Lee, S.S., Lahey, B. B., Waldman, I. D., Van Hulle, C. A., Rathouz, P., Pelham, W. E., Loney, J., & Cook, E. H. (In Press). Association of dopamine transporter genotype with disruptive behavior disorders in an eight year longitudinal study of

children and adolescents. *American Journal of Medical Genetics*.

Van Hulle, C. A., Rodgers, J. L., D'Onofrio, B. M., Waldman, I. D. & Lahey, B. B. (2007) Sex differences in the causes of self-reported adolescent delinquency. *Journal of Abnormal Psychology*, 116(2), 236-248.

D'Onofrio, B.M., Van Hulle, C. A., Waldman, I. D., Rodgers, J. L., Harden, K. P., Rathouz, P. J., & Lahey, B. B. (In Press). Smoking during pregnancy and offspring externalizing problems: An exploration of genetic and environmental confounds. *Development and Psychopathology*.

Van Hulle, C. A., Lemery-Chalfant, K. & Goldsmith, H.H, (2007). Genetic and environmental influences on socio-emotional behavior in toddlers: an initial twin study of the infant–toddler social and emotional assessment. *Journal of Child Psychology and Psychiatry*, 48(10), 1014-1024.

Lemery-Chalfant, K., Goldsmith, H.H, Schmidt, N. L., Arneson, C. L. & Van Hulle, C.A. (2006). Wisconsin twin panel: Current directions and findings. *Twin Research*, 9(6), 1030-1037.

Schreiber, J. E., Shirtcliff, E., Van Hulle, C. A., Lemery-Chalfant, K., Klein, M., Kalin, N. H., Essex, M. J. & Goldsmith, H. H. (2006). Environmental influences on family similarity in afternoon cortisol levels: Twin and parent-offspring designs. *Psychoneuroendocrinology*, 31 (9), 1131-1137.

Lahey, B. B., Van Hulle, C. A., Waldman, I. D., Rodgers, J. L., D'Onofrio, B. M., Pedlow, S., Rathouz, P. J., Keenan, K. (2006). Testing descriptive hypotheses regarding sex differences in the development of conduct problems and delinquency. *Journal of Abnormal Child Psychology*, 34, 737-755.

Goldsmith, H.H, Van Hulle, C. A., Arneson, C. L., Schreiber, J.E., & Gernsbacher, M. A. (2006). A Population-Based Twin Study of Parentally Reported Tactile and Auditory Defensiveness in Young Children. *Journal of Abnormal Child Psychology*, 34(3), 393-407.

Else-Quest, N. M., Hyde, J. S., Goldsmith, H. H., & Van Hulle, C. A. (2006). Gender differences in temperament: A meta-analysis. *Psychological Bulletin*, 132(1), 33-72.

Van Hulle, C. A., Lemery, K. S., & Goldsmith, H. H. (2004). Genetic, environment, and gender effect on individual differences in toddler expressive language. *Journal of Speech, Language, and Hearing Research*, 47(4), 904-912.

Van Hulle, C. A., Lemery, K. S. & Goldsmith, H. H. (2002). Wisconsin Twin Panel. *Twin Research*, 5(5), 502-505.

- Van Hulle, C. A., Lemery, K. S. & Goldsmith, H. H (2002). Temperament and expressive language: Evidence for shared genetic and environmental effects? *Behavior Genetics*, 32(6), 487 (Abstract).
- Van Hulle, C. A. (2001). Continuity and change in temperament through middle childhood (Doctoral dissertation, University of Colorado, 2001). Dissertation Abstracts International, 62, 1131.
- Van Hulle, C. A., Corley, R., Zahn-Waxler, C., Kagan, J., & Hewitt, J.K. (2000). Early childhood heart rate does not predict externalizing behavior problems at age seven years. *Journal of the American Academy of Child and Adolescent Psychiatry*. 39(10), 1238- 1244.
- Van Hulle, C. A., Corley, R., Zahn-Waxler, C., Kagan, J. & Hewitt, J.K. (2000) An exploration of the genetic and environmental etiology of heart rate in infancy and middle childhood. *Twin Research*. 3, 259-265.
- Van Hulle, C. A., Corley, R., & Hewitt, J. K. (2000) Change and continuity in temperament: Ages 4 to 7 years. *Behavior Genetics.*, 30(5), 397 (Abstract).
- Van Hulle, C. A. & Hewitt, J.K. (1999) An exploration of the genetic and environmental etiology of heart rate in childhood. *Behavior Genetics*, 29(5), 372 (Abstract).
- Van Hulle, C. A., Topolski, T. D., Corley, R. & Hewitt, J. K. (1997) Resting heart rate in early childhood. *Behavior Genetics*. 27(6), 610 (Abstract).

MANUSCRIPTS IN PREPARATION:

- Van Hulle, C. A., Rathouz, P. J. & Lahey, B. B. The effects of grade retention on subsequent conduct problems.

PRESENTATIONS:

- Van Hulle, C. A., Corley, R., Rhee, S. & Zahn-Waxler, C. (2007, March). *A multi-modal view of concern for others and callousness in 7-year-olds: A twin study*. Poster presented at the annual meeting of the Society for Research in Child Development, Boston, MA.
- Schreiber, J. E., Van Hulle, C. A., Clarck, P. L., Lemery, K. S., & Goldsmith, H. H. (2003, June). *Genetic and environmental influences on afternoon and evening cortisol levels*. Poster presented at the 33rd annual meeting of the Behavior Genetics Association, Chicago, IL.
- Van Hulle, C. A. (2003, April). *Towards a differentiated genetic analysis of toddler behavior problems: An initial twin study of the Infant and Toddler Socio-Emotional Assessment*. Poster presented at the annual meeting of the Society for Research in Child Development, Tampa Bay, FL.

- Van Hulle, C. A., & Hewitt, E. C. (2003, April). *The influence of parent-child interactions on expressive language development in early childhood*. Poster presented at the annual meeting of the Society for Research in Child Development, Tampa Bay, FL.
- Van Hulle, C. A., Lemery, K. S., & Goldsmith, H. H. (2002, July). *Genetic, environment, and gender effects on individual differences in toddler expressive language*. Paper presented at the Joint Conference of the IX International Congress for the Study of Child Language and the Symposium on Research in Child Language Disorders (IASCL/SRCLD), Madison, WI
- Van Hulle, C. A., Lemery, K. S., & Goldsmith, H.H. (2002, June) *Temperament and expressive language: Evidence for shared genetic and environmental effects?* Poster presented at the annual meeting of the Behavioral Genetics Association, Keystone, CO.
- Van Hulle, C. A., & Hewitt, J. H. (2000, July), *Change and continuity in temperament: Ages 4 to 7 years*. Paper presented at the annual meeting of the Behavioral Genetics Association, Burlington, VT.

REFERENCES

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