

July, 2007

CURRICULUM VITAE

Stephen Anthony Petrill

OFFICE ADDRESS

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PERSONAL DATA

Date of Birth: June 29, 1968
Place of Birth: Cleveland, Ohio
Citizenship: USA

EDUCATION

Ph.D. (Psychology)	1995 (January)	Case Western Reserve University Cleveland, Ohio
M.A. (Psychology)	1992 (May)	Case Western Reserve University Cleveland, Ohio
B.A. (Psychology) (With Highest Honors)	1990 (May)	University of Notre Dame Notre Dame, Indiana

EMPLOYMENT

Professor, Department of Human Development and Family Science, The Ohio State University, Columbus, OH, October 2006 to present.

Professor, Department of Biobehavioral Health, The Pennsylvania State University, University Park, PA, July 2006 to present. On leave as of Oct., 2006.

Associate Professor (with tenure), Department of Biobehavioral Health, The Pennsylvania State University, University Park, PA, July 2003 to July 2006.

Assistant Professor, Department of Biobehavioral Health, The Pennsylvania State University, University Park, PA, July 2001 to July 2003.

Assistant Professor, Department of Psychology, Wesleyan University, Middletown, CT, July 1997 to July 2001.

Post-Doctoral Research Fellow, Center for Developmental and Health Genetics, The Pennsylvania State University, National Institute of Child Health and Human Development Grant HD07454, July 1995 to July 1997.

Post-Doctoral Research Fellow, Social, Genetic, and Developmental Psychiatry Research Centre, Institute of Psychiatry, London, July 1995 to July 1997.

Research Associate, Department of Psychology, Case Western Reserve University, January, 1995 to May 1995.

Part-Time Lecturer, Department of Psychology, Case Western Reserve University, September 1994 to December 1995.

Project Coordinator, Department of Psychology, Case Western Reserve University, Cognitive Development in Children: Genetic Markers, September 1994 to May 1995.

Pre-Doctoral Fellow, Department of Psychology, Case Western Reserve University, National Institute of Child Health and Human Development Grant HD07176, July 1990 to July 1994.

RESEARCH (students in italics)

GRANTS

In Progress

Funding Agency: NIH
Title: Environmental Influences on Early Reading: A Twin Study (2R01HD038075: Competing Continuation)
Principal Investigator: S. Petrill
Dates entire project: 6/1/06 – 3/31/11
Direct costs: \$2,344,719

Funding Agency: NICHD/IES (HD046167)
Title: Genetics of General and Specific Math Disabilities
Principal Investigator: S. Petrill
Dates entire project: 10/1/03-9/30/07 (no cost extension)
Direct Costs: \$1,575,142

Funding Agency: NICHD

Title: Child Spontaneous Language Use: Gene-Environment Effects
Principal Investigator: L. DeThorne (S. Petrill, PI of subcontract)
Dates entire project: 7/1/07-6/30/10
Direct Costs: \$525,000

Funding Agency: NIH
Title: Adoptive Family Project
Principal Investigator: J. Welsh (S. Petrill, CO-I)
Dates entire project: 3/1/07-2/28/09
Direct costs: \$145,000

Funding Agency: ODFJS
Title: Step Up To Quality
Principal Investigator: Buettner (S. Petrill, Co-PI)
Dates entire project: 7/1/07-6/30/09
Direct Costs: 412,000

Funding Agency: OSU, Targeted Investments in Excellence Population and Health Initiative
Title: Family Structure Change and the Health and Well-Being of Adults and Children
Principal Investigator: C. Kamp-Dush (Petrill, Co-I)
Dates entire project: 3/1/07-6/30/08
Direct Costs: 31480

Funding Agency: OSU Initiative in Population Research
Title: Working Group Proposal: Understanding the Definition, Etiology and Development of Autism Spectrum Disorders
Principal Investigator: Petrill
Dates entire project: 7/1/07-6/30/08
Direct costs: \$5000

Grants Pending

Funding Agency: NIH
Title: Genetics of General and Specific Math Disabilities (HD46167: Competing Continuation)
Principal Investigator: S. Petrill
Submission Date: 7/1/07
Direct costs: 3,999,000

Funding Agency: NIH
Title: Molecular Genetics of Language and Related Cognition in

Families
Principal Investigator: C. Bartlett (S. Petrill Co-PI)
Submission Date: 6/1/07
Direct costs: \$1,540,169

Funding Agency: NIH
Title: Child Well Being After Cohabitation Dissolution
Principal Investigator: C. Kamp-Dush (S. Petrill, CO-I)
Submitted: 2/1/07
Direct Costs: 100,000

Completed Grants

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: International Adoption
Principal Investigator: S. Petrill
Dates entire project: 7/1/04-6/30/07
Direct Costs: \$25,000

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: Development of Racial Identity in Transracial Adopted children
Principal Investigator: J. Swim (S. Petrill, CO-I).
Dates entire project: 7/1/05-6/30/06
Direct Costs: \$3,720

Funding Agency: National Institute of Child Health and Development
Title: Environmental Influences on Early Reading: A Twin Study (1R01HD038075)
Principal Investigator: S. Petrill
Dates entire project: 4/1/02-6/1/06
Direct Costs: \$1,757,409

Funding Agency: National Science Foundation
Title: Collaborative Research: An international adoption study of developmental processes in cognitive, social-emotional, and behavioral development
Principal Investigator: S. Petrill
Dates entire project: 10/1/99-9/30/03
Direct Costs: \$74,000

Funding Agency: The Armington Research Program on Values in Children
Title: Developing and Testing a Measure of School-Related Temperament
Principal Investigator: S. Petrill
Dates Entire Project: 7/1/92-6/30/94
Direct Costs: \$1500

Funding Agency: Graduate Alumni Fund, Case Western Reserve University
Title: Developing and Testing a Measure of School-Related Temperament
Principal Investigator: S. Petrill
Dates Entire Project : 1/1/94-8/1/94
Direct Costs: \$500

Funding Agency: The Armington Research Program on Values in Children
Title: Developing and Testing a Measure of School-Related Temperament
Principal Investigator: S. Petrill
Dates Entire Project: 2/1/94-2/1/96
Direct Costs: \$2569

Funding Agency: Institute of Psychiatry, London, UK
Title: Individual differences in young children's cognitive and social functioning: A twin study
Co-Principal Investigator: S. Petrill
Dates Entire Project: 6/1/96 – 6/30/97
Direct Costs: \$36,000

Funding Agency: Wesleyan University Project Grant Program
Title: An international adoption study of developmental processes in cognitive, social-emotional, and behavioral development
Principal Investigator: S. Petrill
Dates Entire Project: 1/1/98-12/31/98
Direct Costs: \$1,500

Funding Agency: Society for the Psychological Study of Social Issues
Title: An international adoption study of developmental processes in cognitive, social-emotional, and behavioral development
Principal Investigator: S. Petrill
Co Principal Investigator: K. Deater-Deckard, Univ. of Oregon
Dates Entire Project: 3/1/99-4/1/99
Direct Costs: \$2000

Funding Agency: Wesleyan University Project Grant Program

Title: An international adoption study of developmental processes in cognitive, social-emotional, and behavioral development--continuation
Principal Investigator: S. Petrill
Dates Entire Project: 1/1/99-5/31/99
Direct Costs: \$750

Funding Agency: Institute of Psychiatry, London
Title: "Telephone Validation of the 7-year Parent Report of Child Cognitive Abilities (PARCA)"
Principal Investigator: S. Petrill
Dates Entire Project: 1/1/99-5/31/99
Direct Costs: \$10,000

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: Early environmental influences on development in Guatemalan Children
Principal Investigator: K. VanNimwegen (S. Petrill, co-PI)
Dates entire project: 3/6/02-3/13/02 (funded one-week trip to Guatemala)
Direct costs: \$2000

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: Genetics and Prevention
Principal Investigator: Feinberg, M. (S. Petrill, co-PI)
Dates entire project: 3/31/03-3/31/04.
Direct costs: \$2300

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: Genetics and Language Ability
Principal Investigator: DeThorne, L. (S. Petrill, co-PI)
Dates entire project: 6/01/03-5/31/04.
Direct costs: \$5000

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: Behavioral Genomics and Learning Disabilities Pilot
Principal Investigator: S. Petrill
Dates entire project: 1/1/05-5/31/05
Direct Costs: \$7500

Funding Agency: Children Youth and Families Consortium: Penn State University
Title: The Etiological Factors of Language Skill and Other Cognitive Abilities: An Interdisciplinary Perspective
Principal Investigator: L. DeThorne (S. Petrill, CO-I).
Dates entire project: 6/1/04-5/31/05

Direct Costs: \$15,000

HONORS AND SPECIAL AWARDS

- July 1999: International Society for the Study of Individual Differences Early Career Award.
- July 1998: Award for Excellence in Research. American MENSA Education and Research Foundation and International MENSA Limited.
- June 1995: Received the Thompson Award (best student presentation). Behavior Genetics Association annual meeting, Richmond, VA.
- May 1990: Senior Recognition Reward in Psychology, University of Notre Dame, Notre Dame, IN.

ARTICLES PUBLISHED IN REFERREED JOURNALS (*Students in italics*)

- Hart, S.A., Petrill, S.A., Deater-Deckard, K. & Thompson, L.A. (2007). SES and CHAOS as environmental mediators of cognitive ability: A longitudinal analysis. Intelligence, 35(3), 233-242.*
- Haworth, C. A., Kovas, Y., Petrill, S. A., & Plomin, R. (2007). Developmental origins of low mathematics performance and normal variation in twins from 7 to 9 years. Twin Research and Human Genetics. 10(1), 106–117.*
- Deater-Deckard, K., Petrill, S. A., Thompson, L. A (2007). Anger/frustration, task persistence, and conduct problems in childhood: a behavioral genetic analysis. Journal of Child Psychology and Psychiatry, 48(1), 80-87.*
- Kovas, Y.; Petrill, S. A.; Plomin, R. (2007). The Origins of Diverse Domains of Mathematics: Generalist Genes but Specialist Environments, Journal of Educational Psychology, 99(1), 128-139.*
- Petrill, S. A., Deater-Deckard, K., Thompson, L., Schatschneider, C., & DeThorne, L. (2007). Longitudinal genetic analysis of early reading: The Western Reserve Reading Project. Reading and Writing, 20(1-2), 127-246.*
- Petrill, S. A., Deater-Deckard, K., Schatschneider, C., & Davis, C. A. (2007). Explaining parental influences on reading-related outcomes: An adoption study. Infant and Child Development, 16(2), 171-191.*
- Blizard, D. A., Weinheimer, V. K., Klein, L. C., Petrill, S. A., Cohen R., & McClearn, G. E. (2006). 'Return to home cage' as a reward for maze learning in young and old genetically heterogeneous mice. Comparative Medicine, 56 (3), pp. 196-201. Impact: 1.1. Unfunded study.*

- Deater-Deckard, K., Ivy, L., & Petrill, S. A. (2006). Maternal warmth moderates the link between physical punishment and child externalizing problems: A shared environmental mechanism. *Parenting, Science, and Practice*, 6(1), 59-78. Impact: 1.9. From HD38075 (Petrill, PI).
- Deater-Deckard, K., Petrill, S. A., Thompson, L. A., DeThorne, L. S. (2006). A longitudinal behavior genetic analysis of task persistence. *Developmental Science*, 9, 498-504. Impact: 2.4. From HD38075 (Petrill, PI).
- DeThorne, L. S., Hart, S. A., Petrill, S. A., Deater-Deckard, K., Thompson, L. A., Schatschneider, C., & Davidson, M. D. (2006). Children's history of speech-language difficulties: Genetic influences and associations with reading-related measures. *Journal of Speech, Language, and Hearing Research*, 49, 1280-1293. Impact: 1.7. From HD38075 (Petrill, PI)
- Peters, K. F., Saltsman, B. M., & Petrill, S. A. (2006). Twin pregnancies: Genetic counseling and testing experience. *Journal of Genetic Counseling*, Pages 1 - 9. (online). Impact: .45. From HD38075 (Petrill, PI). Note Peters was my project coordinator at Penn State and is a genetics counselor.
- Petrill, S. A., Deater-Deckard, K., Thompson, L. A., & DeThorne, L. S. (2006). Reading skills in early readers: Genetic AND shared environmental influences. *Journal of Learning Disabilities*, 39(1), 48-55. Impact 1.10. From HD38075 (Petrill, PI)
- Petrill, S. A., Deater-Deckard, K., Thompson, L. A., DeThorne, L. S., & Schatschneider, C. (2006). Genetic and Environmental Effects of Serial Naming and Phonological Awareness on Early Reading Outcomes, *Journal of Educational Psychology*. 98(1), 112-121. Impact 2.23. From HD38075 (Petrill, PI)
- Deater-Deckard, K., Petrill, S. A., Thompson, L. A., & DeThorne, L. S. (2005). A cross-sectional behavioral genetic analysis of task persistence in the transition to middle childhood. *Developmental Science*, 8(3), F21-F26.
- Deater-Deckard, K., Smith, J., Ivy, L., & Petrill, S. A. (2005). Differential perceptions of and feelings about sibling children: Implications for theories of parenting stress. *Infant and Child Development*, 14(2), 211-225.
- DeThorne, L., Petrill, S. A., Hayiou-Thomas, E. & Plomin, R. (2005). Differences in the Etiology of Low Expressive Vocabulary: A Function of General Cognitive Ability or Severity of Language Delay? *Journal of Speech, Language, and Hearing Research*, 48(4). 792-804.
- Kovas, Y., Harlaar, N, Petrill, S.A., & Plomin, R. (2005). 'Generalist genes' and mathematics in

- 7-year-old twins. *Intelligence*, 33(5), 473-490.
- Petrill, S. A. (2005). Genes, environment and the development of reading skills. *Scientific Studies of Reading*, 9(3), 189-196.
- Petrill, S. A., Deater-Deckard, K., Schatschneider, C., & Davis, C. (2005). Measured Environmental influences on early reading: Evidence from an Adoption Study. *Scientific Studies of Reading*, 9(3), 237-260.
- Walker, S. A., Petrill, S. A., & Plomin, R. (2005). A genetically sensitive investigation of the effects of the school environment and socio-economic status on academic achievement in 7-year-olds. *Educational Psychology*, 25(1), 55-73
- Deater-Deckard & Petrill, S. A. (2004). Parent-child dyadic mutuality and child behavior problems: An investigation of gene-environment processes. *Journal of Child Psychology and Psychiatry*, 45, 1171-1179.
- Oliver, B., Harlaar, N., Hayiou Thomas, M. E., Walker, S. O., Petrill, S. A., Spinath F. M., Dale, P. S., & Plomin, R. (2004). A twin study of mathematics disabilities and abilities in 7-year-olds. *Journal of Educational Psychology*, 56(3), 504-517.
- Petrill, S. A., & Deater-Deckard, K. (2004). The heritability of general cognitive Ability: A within family adoption design. *Intelligence*, 32(4), 403-409.
- Petrill, S. A., & Deater-Deckard, K. (2004). Task orientation, parental warmth and SES account for a significant proportion of the shared environmental variance in general cognitive ability in early childhood: Evidence from a twin study. *Developmental Science*, 7(1), 25-32.
- Petrill, S. A., Lipton, P. A., Hewitt, J. K., Plomin, R., Cherny, S. S., Corley, R., & DeFries, J. C. (2004). Genetic and environmental contributions to general cognitive ability through the first 16 years of life. *Developmental Psychology*, 40(5) 805-812.
- Petrill, S. A., Pike, A., Price, T., & Plomin, R. (2004). Chaos in the home and socioeconomic status are associated with cognitive development in early childhood: Environmental risks identified in a genetic design, *Intelligence*, 32(5), 445-460.
- Walker, S. A., Petrill, S. A., Spinath, F. M., & Plomin, R. (2004). Nature, nurture and academic achievement: A twin study of teacher ratings of 7 year-olds. *British Journal of Educational Psychology*, 74, 323-342.
- Deater-Deckard K., & Petrill, S. A. (2003). The Northeast-Northwest Collaborative Adoption Project: Identifying family environmental influences on cognitive and social development. *Marriage and Family Review*, 33(2-3), 157-178.

- Petrill, S. A. (2003). Examining social behavior using genetically informative designs: An introduction. *Marriage and Family Review, 33*(1), 3-10.
- Oliver, B., Dale, P. S., Saudino, K., Petrill, S. A., Pike, A., & Plomin, R. (2002). The validity of a parent-based assessment of the cognitive abilities of three-year olds. *Early Child Development and Care, 172*(4), 337-348.
- Petrill, S. A., Rempell, J., Oliver, B., & Plomin, R. (2002). Testing cognitive abilities by telephone in a sample of 6- to 8-year-olds. *Intelligence, 30*(4), 353-360.
- Petrill, S. A. (2002). Genetic and environmental links between general and specific cognitive abilities in the elderly. *Russian Journal of Foreign Psychology, 14*, 17-23.
- Deater-Deckard, D., Pike, A., Petrill, S. A., Cutting, A. L., Hughes, C., O'Connor, T. G. (2001). Nonshared environmental processes in social-emotional development: An observational study of identical twin differences in the preschool period. *Developmental Science, 4*(2), F1- F6. (Fast Track report).
- Petrill, S. A., & Deary, I. J. (2001). Inspection time and intelligence: Celebrating 25 years of research. *Intelligence, 29*(6), 441-442.
- Petrill, S.A., Johansson, B., Pedersen, N. L., Berg, S., Plomin, R., Ahern F., & McClearn, G. E (2001). Low cognitive functioning in non-demented 80+ year old twins is not heritable. *Intelligence, 29*, 75-83.
- Petrill, S. A., Luo, D., Thompson, L. A., & Detterman, D. K. (2001). Inspection time and the relationship among elementary cognitive tasks, general intelligence and specific cognitive abilities. *Intelligence, 29*(6), 487-496.
- Petrill, S. A. Saudino, K., Wilkerson, B., & Plomin, R. (2001) Genetic and environmental molarity and modularity of cognitive functioning in two-year-old twins. *Intelligence, 29*, 31-43.
- Purcell, S., Eley, T. C., Dale, P. S., Oliver, B., Petrill, S. A., Price, T. S., Saudino, K. J., Simonoff, E., Stevenson, J., Taylor, E., & Plomin, R. (2001). Comorbidity between verbal and non-verbal cognitive delays in 2-year-olds: a bivariate twin analysis. *Developmental Science, 4*, 195-208.
- Petrill, S. A., & Wilkerson, B. (2000). Intelligence and Achievement: A behavioral genetic perspective. *Educational Psychology Review, 12*, 195-199.
- Price, T. S., Freeman, B., Craig, I., Petrill, S. A., & Plomin, R. (2000). Infant zygosity can be assigned by parental report questionnaire data. *Twin Research, 3*, 129-133.

- Striegel-Moore, R. H., Leslie, D., Petrill, S. A., Garvin, V., & Rosenheck, R. A. (2000). One year use and cost of inpatient and outpatient services among female and male patients with an eating disorder: Evidence from a national database of health insurance claims. *International Journal of Eating Disorders, 27*(4), 381-389.
- Eley, T. C., Bishop, D. V. M., Dale, P. S., Oliver, B., Petrill, S. A., Price, T. S., Purcell, S., Saudino, K. J., Simonoff, E., Stevenson, J., & Plomin, R. (1999). Genetic and environmental origins of verbal and performance components of cognitive delay in two-year-olds. *Developmental Psychology, 35*(4), 1122-1131.
- Luo, D., & Petrill, S. A. (1999). Elementary cognitive tasks and their role in g estimates. *Intelligence, 27*(2), 157-174.
- Moises, H. W., Yang, L., Kohnke, M., Vetter, P., Neppert, J., Petrill, S. A., & Plomin, R. (1999). Mitochondrial DNA marker EST00083 is not associated with high vs. average IQ in a German sample. *Intelligence, 26*(4), 377-382.
- Petrill, S. A., Ball, D., Hill, L., Plomin, R., McClearn, G. E., Smith, D. L., Chorney, K., Chorney, M., Seese, N., Detterman, D. K., Thompson, L. A., Benbow, C., Lubinski, D., Daniels, J., Owen, M. J., & McGuffin, P. (1998). Failure to replicate a QTL association between a DNA marker identified by EST00083 and IQ. *Intelligence, 25*(3), 179-184.
- Petrill, S. A., Plomin, R., Berg, S., Johansson, B., Pedersen, N., Ahern, F., & McClearn, G. E., (1998). The genetic and environmental relationship between general and specific cognitive abilities in twins 80 years and older. *Psychological Science, 9*(3), 183-189.
- Petrill, S. A., Saudino, K. J., Cherny, S. S., Emde, R. N., Hewitt, J. K., Fulker, D. W., & Plomin, R. (1998). Exploring the genetic etiology of high cognitive ability in 14 to 36 month-old twins. *Child Development, 69*(1), 68-74.
- Saudino, K. J., Dale, P. S., Oliver, B., Petrill, S. A., Richardson, V., Rutter, M., Simonoff, E., Stevenson, J., & Plomin, R. (1998). The validity of parent-based assessment of the cognitive abilities of two-year-olds. *British Journal of Developmental Psychology, 16*, 349-363.
- McClearn, G. E., Ahern, F., Berg, S., Johansson, B., Pedersen, N., Petrill, S. A., & Plomin, R. (1997). Still heritable after all those years: Substantial genetic influence on cognitive ability in twins 80+ years old. *Science, 276*, 1560-1563.
- McClearn, G. E., Ahern, F., Johansson, B., Berg, S., Pedersen, N. L., Petrill, S. A., & Plomin, R. (1997). Twin studies, heritability, and intelligence – Response. *Science, 278*, 1386-1387.

- Petrill, S. A. (1997). Molarity versus modularity of cognitive functioning? A Behavioral genetic perspective. *Current Directions in Psychological Science*, 6(4), 96-99.
- Petrill, S. A., Plomin, R., McClearn, G. E., Smith, D. L., Vignetti, S., Chorney, K., Chorney, M. J., Thompson, L. A., Detterman, D. K., Benbow, C., Lubinski, D., Daniels, J., Owen, M., & McGuffin, P. (1997). No association between general cognitive ability and the A1 allele of the D2 dopamine receptor gene. *Behavior Genetics*, 27(1), 29-30.
- Petrill, S. A., Saudino, K. J., Cherny, S. S., Emde, R. N., Hewitt, J. K., Fulker, D. W., & Plomin, R. (1997). Exploring the genetic etiology of low general cognitive ability from 14 to 36 months. *Developmental Psychology*, 33(3), 544-548.
- Plomin, R., & Petrill, S. A. (1997). Genetics and Intelligence: What's new? *Intelligence*, 24(1) 53-78.
- Plomin, R., Petrill, S. A., & Cutting, A. L. (1996). What genetic research on intelligence tells us about the environment. *Journal of Biosocial Science*, 28, 587-606.
- Petrill, S. A., Luo, D., Thompson, L. A., & Detterman, D. K. (1996). The independent prediction of general intelligence by elementary cognitive tasks: Genetic and environmental influences. *Behavior Genetics*, 26(2), 135-147.
- Petrill, S. A., Plomin, R., McClearn, G. E., Smith, D. L., Vignetti, S., Chorney, K., Chorney, M. J., Thompson, L. A., Detterman, D. K., Benbow, C., Lubinski, D., Daniels, J., Owen, M., & McGuffin, P. (1996). DNA markers associated with general and specific cognitive abilities. *Intelligence*, 23, 191-203.
- Taylor, H. G., Schatschneider, C. W., Petrill, S. A., Barry, C. T., & Owens, C. (1996). Executive dysfunction in children with early brain disease: Outcomes post-*Haemophilus Influenzae* Meningitis. *Developmental Neuropsychology*, 12(1), 35-51.
- Petrill, S. A., Thompson, L. A., & Detterman, D. K. (1995). The genetic and environmental variance underlying elementary cognitive tasks. *Behavior Genetics*, 25(3), 199-210.
- Plomin, R., McClearn, G. E., Smith, D. L., Skuder, P., Vignetti, S., Chorney, M. J., Chorney, K., Kasarda, S., Thompson, L. A., Detterman, D. K., Petrill, S. A., Daniels, J., Owen, M. J., McGuffin, P. (1995). Allelic associations between 100 DNA markers and high versus low IQ. *Intelligence*, 21(1), 31-48.
- Ripich, D. N., Petrill, S. A., Whitehouse, P., & Ziolo, E. (1995). Gender differences in language of Alzheimer's patients: A longitudinal study. *Neurology*, 45, 299-302.
- Skuder, P., Plomin, R., McClearn, G. E., Smith, D. L., Vignetti, S., Chorney, M. J., Chorney, K., Kasarda, S., Thompson, L. A., Detterman, D. K., Petrill, S. A., Daniels, J., Owen, M. J.,

- McGuffin, P. (1995). A polymorphism in mitochondrial DNA associated with IQ. *Intelligence*, *21*(1), 1-12.
- Luo D., Petrill, S. A., & Thompson, L. A. (1994). An exploration of genetic g: Hierarchical factor analysis of cognitive data from the Western Reserve Twin Project. *Intelligence*, *18*(3), 335-348.
- Petrill, S. A., & Thompson, L. A. (1994). The effect of gender upon heritability and common environmental estimates in measures of scholastic achievement. *Personality and Individual Differences*, *16*(4), 631-639.
- Thapar, A., Petrill, S. A., & Thompson, L. A. (1994). The heritability of memory in the Western Reserve Twin Project. *Behavior Genetics*, *24*(2), 155-160.
- Petrill, S. A., & Thompson, L. A. (1993). The phenotypic and genetic relationships among measures of cognitive ability, temperament and scholastic achievement. *Behavior Genetics*, *23*(6), 511-518.

EDITED VOLUMES

- Deater-Deckard, K., & Petrill, S. A. (Eds.). (2003). *Gene-environment processes in social behaviors and relationships*. Binghamton, NY: Haworth.
- Petrill, S. A., Plomin, R., DeFries, J. C., & Hewitt, J. M. (Eds.). (2003). *Nature, nurture, and the transition to early adolescence*. New York: Oxford University Press.

BOOK CHAPTERS (*Students in italics*):

- Petrill, S. A., & Plomin, R. (2007). Quantitative genetics and mathematical abilities/disabilities. In D. Berch & M. Mazzocco (Eds.). *Mathematical learning disabilities: Research, theory, and practice*. Baltimore, MD: Brookes Publishing.
- Petrill, S. A. (2006). Genes, ambiente e inteligência. In C. E. Flores-Mendoza and R. Colom (Eds.). *Introdução à psicologia das diferenças individuais*. Brazil: Artmed. 143-155.
- McClearn, G. E & Petrill, S. A. (2005). The genetics of behavioural ageing. In Malcolm L. Johnson, Vern L. Bengtson, Peter G. Coleman, Thomas B. L. Kirkwood (Eds.). *The Cambridge handbook of age and ageing*. Cambridge: Cambridge University Press .
- Petrill, S. A. (2005). Behavioral genetics and developmental disabilities. In M. Butler (Ed.). *Genetics of developmental disabilities*. New York: Marcel-Dekker. 767-782.
- Petrill, S. A. (2004). Behavioral genetics and intelligence. In O. Wilhelm & R. W. Engle (Eds.). *Handbook of understanding and measuring intelligence*. Thousand Oaks, CA:

Sage. 165-176.

Petrill, S. A. (2003). The development of Intelligence: Behavioral genetic approaches. In R. Sternberg, J. Lautrey, & T. Lubart (Eds). *Models of intelligence: International perspectives*. Washington: APA. 81-90.

Lipton, P. A, Zack, S., Petrill, S. A., Flanagan, J., Deater-Deckard, K. (2003). Welcome Home: From the Perspective of Research on International Adoption. In L. L. Schwartz & F. W. Kaslow (Eds.). *Welcome home: An international and nontraditional adoption reader*. Binghamton, NY: Haworth. 17-34.

Petrill, S. A. (2003). The development of intelligence: Behavioral genetic approaches. In R. Sternberg, J. Lautrey, & T. Lubart (Eds). *Models of Intelligence: International perspectives*. Washington, DC: American Psychological Association. 81-90.

Petrill, S. A. (2002). The case for general intelligence: A behavioral genetic perspective. In R. Sternberg & E. Grigorenko (Eds). *The general factor of intelligence: Fact or Fiction?* New York: Lawrence Erlbaum. 281-298.

Petrill, S. A., & Brody, N. (2002). Methodological issues in the study of personality and individual differences. In H. Pashler & J. Wixted (eds.). *Stevens' Handbook of Experimental Psychology, (3rd Ed.), Volume 4: Methodology*. New York: John Wiley & Sons. 563-600.

Petrill, S. A. (2001). Genetic factors in cognition/intelligence. In N. J. Smelser & P. B. Baltes (Eds.). *International encyclopedia of the social and behavioral sciences*. Oxford: Pergamon. Elsevier Science.

Thompson, L.A., & Petrill, S.A. (1994). Longitudinal prediction of school-age cognitive abilities from infant novelty preference. In J. DeFries, R. Plomin, & D. W. Fulker (Eds.). *Nature and nurture during middle childhood*. Cambridge, MA: Blackwell Publishers. 77-85.

ARTICLES PUBLISHED IN NONREFEREED JOURNALS

Thompson, L. A., & Petrill, S. A. (1994). Intelligence and scholastic achievement. *International Pediatrics*, 9(1), 22-29. (Invited Review Article).

MANUSCRIPTS ACCEPTED FOR PUBLICATION (*Students in Italics*)

Refereed Journals

Kovas, Y., Haworth, C.M.A., Harlaar, N., Petrill, S.A., Dale, P.S., & Plomin, R. (in press).
Overlap and specificity of genetic and environmental influences on mathematics and reading

disability in 10-year-old twins. *Journal of Child Psychology and Psychiatry*.

Kovas, Y., Haworth, C.M.A., Petrill, S. A., & Plomin, R. (in press). Mathematical ability of 10-year-old boys and girls: Genetic and environmental etiology of normal and low performance. *Journal of Learning Disabilities*.

Welsh, J. A., Petrill, S.A., **Viana, A.G.**, & Mathias, M.D. (in press) Interventions for Internationally Adopted Children and Families:A Review of the Literature. *Journal of Child and Adolescent Social Work*.

Book Chapters:

Hart, S. A., Petrill, S. A. (in press). The genetics AND environments of reading: A behavioral genetic perspective. *The Handbook of Behavioral Genetics*.

Petrill, S. A. (in press). Behavioral Genetics, Genomics, Intelligence, and Mental Retardation. *American Handbook of Mental Retardation*.

MANUSCRIPTS SUBMITTED FOR PUBLICATION (*Students in Italics*)

Davis, O. S. P., Kovas, Y., Harlaar, N., Busfield, P., McMillan, A., Frances, J., Petrill, S. A., Dale, P. S., & Plomin, R. (under review). Generalist genes, specialist environments and the internet generation: Etiology of learning abilities using web-based testing at 10 Years. *Psychological Science*.

DeThorne, L. S., Petrill, S. A., Channell, R., Hart S., Campbell, R., Deater-Deckard, K., Thompson, L. A., & Schatschneider, C. (under review). Estimates of Genetic and Environmental Effects on Children's Conversational Language Measures. *Journal of Speech, Language, and Hearing Research*.

Hart, S.A., Petrill, S.A., Thompson, L.A., & Plomin, R. (under review). The ABC's of math: A genetic analysis of mathematics and its links with reading ability and general cognitive ability. *Journal of Educational Psychology*.

Hart, S.A., Petrill, S.A., Thompson, L.A., & Plomin, R. (under review). Nurture, nature, and the relationship among early math skills. *Psychological Science*.

Petrill, S. A., Kovas, Y., Hart, S. A., Thompson, L. A., & Plomin, R. (under review). The Genetic and Environmental Etiology of High Math Performance in 10-Year-Old Twins. *Learning and Individual Differences*

Ramesh, S., Petrill, S. A., Thompson, L. A., & Deater-Deckard, K. (under review). Task Persistence and its association with other Cognitive Abilities: A Twin Study. *Intelligence*.

Welsh, J.A., Viana, A.G, Petrill, S. A., & Mathias, M.D. (under review). Ready to Adopt: Characteristics and Expectations of Pre-adoptive Families. *Adoption Quarterly*.

PRESENTATIONS

PUBLISHED ABSTRACTS FROM PROFESSIONAL MEETINGS

Johansson, B., Ahern, F., Berg, S., Hofer, S., Nesselroade, J., Pedersen, N. L., Petrill, S., Plomin, R., & McClearn, G. E. (1999). Memory and cognitive functioning in twins 80 years and older: The longitudinal OCTO twin study in Sweden. *Zeitschrift fur Gerontologie und Geriatrie*, 32 (2), 561 (abstract).

Petrill, S. A., Johansson, B., Berg, S., Plomin, R., & McClearn, G. E. (1998). Extremes in cognitive functioning in the oldest-old: A DeFries-Fulker analysis of non-demented octogenarian twins. *Behavior Genetics*, 28 (6), 477 (abstract).

Petrill, S.A., & Plomin, R. (1996). DNA markers associated with general and specific cognitive abilities. *Behavior Genetics*, 26(6), 594 (abstract).

Saudino, K.J., Petrill, S. A., & Plomin R. (1996, June). Twins Early Development Study (TEDS): A British study of parent-reported language and nonlanguage delays and their links with behavior problems. *Behavior Genetics*, 26(6), 596. (abstract).

Petrill, S.A., Luo, D., Thompson, L. A., & Detterman, D.K. (1995). The relationship between elementary cognitive tests and WISC-R subtests: Genetic and environmental influences. *Behavior Genetics*, 25(3), 283. (abstract).

Thompson, L. A., Klein, S.K., Petrill, S. A., Detterman, D.K., Luo, D., Wu, D., Miller, D., & Lewin, J. (1995). Exploring intelligence with elementary cognitive tasks: Behavior genetics and functional MRI. *Behavior Genetics*, 25(3), 290. (abstract).

Young, S., Thompson, L.A., Petrill, S.A., & Detterman, D.K. (1995). Genetic and environmental contributions to under- and overachievement. *Behavior Genetics*, 25(3), 295. (abstract).

Petrill, S.A., Thompson, L.A., & Detterman, D.K. (1992). The effect of gender upon heritability and common environmental estimates in measures of scholastic achievement. *Behavior Genetics*, 22(6), 745. (abstract).

Thompson, L.A., Petrill, S.A., & Detterman, D.K. (1992). Differences in heritability across groups differing in cognitive ability, revisited. *Behavior Genetics*, 22(6), 755. (abstract).

Petrill, S.A. & Detterman, D.K. (1991). The effect of 'g' upon the pattern of heritabilities among specific cognitive abilities. *Behavior Genetics*, 21(6), 587. (abstract).

PEER REVIEWED PRESENTATIONS (*students in italics*)

Deater-Deckard, K., Petrill, S. A., & Thompson, L. A. (2007, April) *Nonshared Environmental Influences on Temperament in Middle Childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Glover, M B., Deater-Deckard, K., & Petrill, S. A. (2007, April). *Fathers' Feelings Toward Adoptive and Non-Adoptive Children: Associations with Externalizing and Internalizing Problems*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Hart, S. A., & Petrill, S. A. (2007, April). *Univariate Analysis of Mathematics with a Mediation Effect: A Twin Study*. Poster symposium presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Johnson, A. D., Martin, A., & Petrill, S. A. (2007, April). *The Home Literacy Environment and Early Reading: Associations Between HLE Characteristics, the Home Environment, and Literacy*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

McDonald, S. E., Deater-Deckard, K., Petrill, S. A., & Thompson, L. A. (2007, April) *Genetic and Environmental Variance in Temperament in Middle Childhood*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Petrill, S. A., Hart, S. A., & Thompson, L. A. (2007, April). *Examining the correlation and independence between math and reading skills: Evidence from a twin study*. Paper presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Petrill, S. A., Seidman, S., Deater-Deckard, K., & Thompson, L. A. *Environmental Influences on Early Reading: Evidence from a Twin Study*. Paper presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

Ramesh, S., & Petrill, S. A. (2007, April). *Etiology of Reading Fluency and its Association with Decoding and Orthographic Skills*. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.

DeThorne, L.S. & Petrill, S.A. (2006, November). *Genetic Effects on Children's Conversational Language Use*. Poster presented at the American Speech-Language-Hearing Association Annual Convention, Miami, FL.

DeThorne, L.S., Petrill, S.A., & Campbell, R. (2006, June). *Genetic Effects on Lexical Diversity*. Paper presented at the Symposium on Research in Child Language Disorders, Madison,

WI.

Davison, M.D., DeThorne, L.S., & Petrill, S.A. (2006, June). *Associations between Measure D and Reading-Related Skills*. Poster presented at the Symposium on Research in Child Language Disorders, Madison, WI.

Hart, S.A., & Petrill, S.A. (2006, June). *Univariate analyses of the growth of reading outcome measures*. Paper presented at annual meeting of the Behavioral Genetics Association, Storrs, CT.

Hart, S. A. & Petrill, S. A. (2006, June). *Understanding the links between measured environments, reading, and math outcomes: Evidence from a twin study*. Paper presented at annual meeting of the Society for the Scientific Study of Reading, Vancouver, BC.

Petrill, S. A. (2006, February). *Mathematics disability: Definition, etiology, and comorbidity*. Chaired symposium presented the annual meeting of the Pacific Coast Research Conference, San Diego, CA.

Petrill, S. A., & Hart, S. (2006, June). *Genes, environments, and the links between reading and math skills, evidence from a longitudinal twin study*. Paper presented at annual meeting of the Society for the Scientific Study of Reading, Vancouver, BC.

DeThorne, L. S., & Petrill, S. A. (2005, June). Parent report of children's difficulty with language: A twin study. Poster presented at the annual Symposium on Research in Child Language Disorders, Madison, WI.

Deater-Deckard, K., & Petrill, S. A. (2005, April). Externalizing and internalizing problems in childhood: Gene-environment processes. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

Deater-Deckard, D., Ivy, L., & Petrill, S. A. (2005, April). Maternal Warmth Moderates the Link between Physical Punishment and Child Externalizing Problems. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

DeThorne, L. S., Petrill, S. A., Thompson, L. A., & Deater-Deckard, K. (2005, April). Genetic influences on spontaneous language use in twins. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

Holtz, F., Deater-Deckard, K., & Petrill, S. A. (2005, April). An examination of negativity in dyadic and triadic family interactions: Predicting behavior problems from triads. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

Petrill, S. A. (2005, June) Environmental influences on early reading: A Twin Study. Paper

presented at the annual meeting of the Society for the Scientific Study of Reading, Toronto, Canada.

Petrill, S. A. (2005, April). Gene-environment processes and the overlap between reading, math, language, and general cognitive skills. Chaired paper symposium accepted to the Society for Research in Child Development biannual meeting, Atlanta, GA.

Petrill, S. A. (2005, February). Phonological awareness, fluency, and reading outcomes: Gene-environment processes. Paper presented at the annual meeting of the Pacific Coast Research Conference, San Diego, CA.

Petrill, S. A., Deater-Deckard, K., & Thompson, L. A. (2005, April). Environmental influences on early reading: A twin study. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

Petrill, S. A., Thompson, L. A., & Deater-Deckard, K. (2005, April). Examining the Double Deficit Hypothesis in Emergent Literacy: A Behavioral Genetic Perspective. Paper presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

Zack, S. E., & Petrill, S. A. (2005, April). Parental perception of risk in adopted children. Poster presented at the Society for Research in Child Development biannual meeting, Atlanta, GA.

DeThorne, L. S., & Petrill, S. A. (2004, October). Etiological factors of language ability. Poster presented at the American Speech Language Hearing Association, Philadelphia, PA.

DeThorne, L. S., Petrill, S. A., Hayiou-Thomas, E., & Plomin, R. (2004, March). Etiological differences of low expressive vocabulary skill as a function of IQ. Poster presented at Pennsylvania Speech-Language-Hearing Association Convention, State College, PA.

Saltsman, B. M., Petrill, S. A., & Deater-Deckard, K. (2004, March). Relationship between adopted sibling age of placement and post-adoptive behavioral outcomes. Poster submitted to the Society for Behavioral Medicine Annual Meeting, Washington, DC.

Petrill, S. A. (2003, June). Genes, environments, and the development of reading skills. Chaired paper symposium presented at the Society for the Scientific Study of Reading, Denver, CO.

Petrill, S. A., & Deater-Deckard, K. (2003, June) Environmental influences on early reading: Evidence from an adoption study. (2003, June). Paper presented at the Society for the Scientific Study of Reading, Denver, CO.

- Petrill, S. A. Task Orientation, parental warmth, and SES mediate a portion of the shared environmental variance in cognitive ability in early childhood. (2003, April). Poster presented at the Society for Research in Child Development Biennial Meeting, Tampa, FL.
- K. L. Van Nimwegen, S. A. Petrill, K. Deater-Deckard, T. M. Kochie, S. D. Markley, K. A. Patel, F. Mustafaa, and S. Zack.* (2003, April). Pre-adoptive Environmental Influences on Outcomes in Adopted Children. Poster presented at the Society for Research in Child Development Biennial Meeting, Tampa, FL
- Grant, M. D., Johansson, B., Berg, S., Petrill, S. A., Vogler, G. P., & McClearn, G. E.* (2002, July). Estimates of heritability of serum levels of homocysteine in an elderly Swedish twin population. Poster to be presented at Behavior Genetics Association, Keystone, CO.
- Van Nimwegen, K. L., Petrill, S. A., Deater-Deckard, K., Markley, S. D., Kochie, T. N.* (2002, April). Prenatal health influences on outcomes in adopted children. Poster presented at the Society for Behavioral Medicine Annual Meeting, Washington DC.
- Van Nimwegen, K.L. & Petrill, S.A.* (2002, July). Early environmental influences on behavior outcomes in a British twin sample. Poster presented at Behavior Genetics Association, Keystone, CO.
- Petrill, S. A. (2001, August). Genes, environments, and the covariance among cognitive aptitudes. Paper presented at American Psychological Association annual meeting, San Francisco, CA.
- Petrill, S. A., Deater-Deckard, D., Johnson, A., *Van Nimwegen, K, & Ahn, J. M.* (2001, April). Environmental influences on early reading: The Northeast Northwest Collaborative Adoption Study. Poster presented to the Society for Research in Child Development biannual meeting, Minneapolis, MN.
- Petrill, S. A., Luo, D., Thompson, L. A., & Detterman, D. K. (2000, November). Inspection time and the relationship among elementary cognitive tasks, general intelligence and specific cognitive abilities. Paper presented at the international Society for Intelligence Research Annual Meeting, Cleveland, OH.
- Petrill, S. A. (1999, April). Predicting the discrepancy between cognitive ability and academic achievement: Exploring environmental influences. Paper presented at the Society for Research in Child Development meeting, Albuquerque, NM.
- Petrill, S. A., & Deater-Deckard, K. (1999, April). Understanding the role of gene-environment effects in early cognitive and social development. Symposium chaired and presented at the Society for Research in Child Development meeting, Albuquerque, NM.

- Striegel Moore, R. H., Leslie, D., Garvin, V., Petrill, S. A., & Rosenheck, R. A. (1999, November). Health services utilization in eating disorders not otherwise specified. Annual meeting of the Association for the Advancement of Behavior Therapy, Toronto, Canada.
- Petrill, S. A. (1998, June). The longitudinal octo-twin study: The etiology of cognitive functioning and health-related behaviors in the oldest-old. Symposium chaired and presented at the Behavioral Genetics Association Annual Meeting, Stockholm, Sweden.
- Deater-Deckard, K., Pylas, M. V., & Petrill, S. A. (1997, September). Child emotional and behavioural adjustment and parenting environment: A twin observational method. British Psychological Society Developmental Section annual meeting, Loughborough, U.K.
- Johansson, B., Whitfield, K., Petrill, S. A., & McClearn, G. E. (1997, November). Stability and decline in very late life: Perspectives from longitudinal research. Gerontological Society of America annual meeting, Cincinnati, OH.
- Petrill, S. A. (1997, April). The genetic etiology of high cognitive ability in 14 to 36 month old twins. Poster presented at the Society for Research in Child Development meeting, Washington, D.C.
- Petrill, S. A., Hohnen, B., Deater-Deckard, K., Eley, T., & Thompson, L. A. (1997, April). Beyond heritability: Behavior genetics and theories of development. Symposium chaired and presented, Society for Research in Child Development meeting, Washington, D.C.
- Petrill, S. A., & Plomin, R. (1996, September). Twins' early development study (TEDS): A study of language and non-language based cognitive delay and their links to behavior problems. Paper presented at the British Psychological Society annual conference, Oxford, England.
- Petrill, S. A. (1995, March). The phenotypic and genetic relationships among measures of intelligence, school-related temperament, and scholastic achievement. Poster presented at the Society for Research in Child Development meeting, Indianapolis, IN.
- Petrill, S. A., Schatschneider, C. W., & Thompson, L. A. (1994, March). Intelligence is important to the definition of reading disability. Poster presented at the Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities annual meeting, Gatlinburg, TN.
- Thapar, A., Petrill, S. A., & Thompson, L. A. (1994, March). The heritability of memory: A meta-analytic study. Poster presented at the Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities annual meeting,

Gatlinburg, TN.

Petrill, S. A. (1993, March). Understanding the relationship among elementary cognitive abilities. Poster presented at the Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities annual meeting, Gatlinburg, TN.

Petrill, S. A. & Vasen, J. H. (1993, March). Preschool intelligence: An information processing approach. Poster presented at the Society for Research in Child Development meeting, New Orleans, LA.

Young, S. & Petrill, S. A. (1993, March). Correlations between behavior problems, IQ, and achievement. Poster presented at the Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities annual meeting, Gatlinburg, TN.

Petrill, S. A. (1992, March). The development, testing, and application of a factor structure based upon measures of general intelligence, psychometric specific cognitive abilities, and elementary cognitive abilities. Poster presented at the Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities annual meeting, Gatlinburg, TN.

Powell, S. S., Thompson, L. A., Dave, M., & Petrill, S. A. (1992, May). Intercorrelations between heterogeneous measures of temperament. International Conference on Infant Studies annual meeting, Miami, FL.

Petrill, S. A., Thompson, L. A., & Detterman, D. K. (1991, September). The phenotypic and genetic relationships among general intelligence, psychometric specific cognitive abilities, and elementary cognitive abilities. Poster presented at the International Course on Methodology for Genetic Studies of Twins and Families, NATO Advanced Study Institute, Leuven, Belgium.

BY INVITATION

Petrill, S. A. (2006, March). Genes, Environments, and the Development of Reading comprehension. Paper presented at the Florida Center for Reading Research Conference on Reading Comprehension, St. Petersburg, FL.

Petrill, S. A. (2005, September). The development of reading skills: Identification of genetic and environmental influences. Wesleyan University Seminar Series, Middletown, CT.

Petrill, S. A. (2005, June). Gene-environment processes and the development of reading skills. Toronto Hospital for Sick Children, Toronto, CA.

Petrill, S. A. (2004, October). Gene-environment processes and the development of reading

skills. Kennedy Center, Vanderbilt University, Nashville, TN.

Petrill, S. A. (2003, November). Gene-environment processes and development. College of Arts and Sciences' "Human Nature" speaker series. Ashland University, Ashland, OH.

Petrill, S. A. (2002, June). Genes, environments, and bidirectionality in parent-child interactions. Brody Institute on Parent-Child Relations, Mandel School of Applied Social Sciences, Case Western Reserve University, Cleveland, OH.

Petrill, S. A. (2001, October). Cognitive development and decline, it's not just genes. Pfizer Foundation Distinguished Lecture Series, "How the Brain Works". Smithsonian Institution, Washington, DC.

Petrill, S. A. (1999, July). Genetic differentiation and dedifferentiation across the lifespan: A behavioral genetic perspective. Early Career Award Address. International Society for the Study of Individual Differences, Vancouver, BC.

Striegel Moore, R. H., Leslie, D., Garvin, V., Petrill, S. A., & Rosenheck, R. A. (1998, December). Health care utilization for eating disorders: Implications for advocacy. Advocacy meeting for Eating Disorders, Washington, DC.

Striegel Moore, R. H., Leslie, D., Garvin, V., Petrill, S. A., & Rosenheck, R. A. (1998, November). Treatment for eating disorders in 1995: Exploring a national U.S. database. Research Society for Eating Disorders.

TEACHING

COURSES TAUGHT

Health, Biobehavioral Perspectives (graduate), Penn State University, 2005 (co-taught)

JumpStart (first year seminar, undergraduate), Penn State University, 2003, 2004 (by invitation of the Dean of the College of Health and Human Development)

Research Applications in Biobehavioral Health, (Undergraduate), 2002, 2003

Research Strategies for Studying Biobehavioral Health, (Undergraduate), 2001, 2002, 2004, 2006

Statistical Genetics (Graduate, co-taught with G. Vogler), Penn State University, 2002

Graduate Seminar (Graduate), Wesleyan University, 1999, 2000

Developmental Psychology (Undergraduate), Wesleyan University, 1997, 1998, 1999, 2000

Research Methods in Developmental Psychology (Undergraduate), Wesleyan University, 1998, 1999

Developmental Behavioral Genetics (Undergraduate), Wesleyan University, 1998, 1999

Lifespan Development (Undergraduate), Wesleyan University, 1998

Behavioral Genetics Methodology (Graduate), Institute of Psychiatry, 1995

Behavioral Genetics (Undergraduate), Case Western Reserve University, 1995

Quantitative Methods (Undergraduate), Case Western Reserve University, 1995

Cognitive Psychology (Undergraduate), Case Western Reserve University, 1994

Psychology of Adjustment (Undergraduate), Case Western Reserve University, 1994

Introductory Psychology (AP High School), Hawken Upper Preparatory, 1994

Psychology of Adjustment (Undergraduate), Ashland University, Ashland, OH, 1994

Exploring Gender Differences (Undergraduate), Case Western Reserve University, 1993

Introductory Psychology (Undergraduate), Case Western Reserve University, 1991
(Teaching Assistant).

THESES SUPERVISED

Undergraduate:

1998—Rebecca Bermont, Wesleyan University, Senior Honors Thesis

1999—Katie Mayland, Wesleyan University, Senior Honors Thesis

2001—Jen Greenberg, Wesleyan University, Senior Honors Thesis

2001—Kathryn VanNimwegen, Wesleyan University, Senior Honors Thesis

2002—Anna Johnson, Wesleyan University, Senior Honors Thesis

2005—Sima Seidman, Penn State University, Senior Honors Thesis

2007 - Dana Webster, Penn State University, Senior Honors Thesis

Masters:

2000—Bessie Wilkerson, Wesleyan University, Master's Thesis

2003—Kathryn VanNimwegen, Penn State University, Master's Thesis

Postdoctoral:

2001-2003: Paul Lipton, Penn State University, Postdoctoral student

CURRENT STUDENTS

Graduate:

Saradha Rameesh, Penn State University (third year)

Brian Saltsman, Penn State University (awaiting graduation for Ph.D.)

Sara Hart, Ohio State University (first year)

Undergraduate Honors:

Marissa Corby

Megan Servick

SERVICE

PROFESSIONAL SERVICE

Service to Professional Organizations:

Director of Public Relations: International Society for Intelligence Research, 2002

Treasurer: Society for the Scientific Study of Reading, 2005 -

Review Committees

Chair, Behavioral Genetics and Epidemiology Study Section, National Institutes of Health: 2007
– present.

Regular Member: Behavioral Genetics and Epidemiology Study Section, National Institutes of
Health: 2005 - 2007

Ad Hoc Reviewer for B/START program: 2005

Ad Hoc Reviewer for RFA OB-03-001 "Pathways Linking Education to Health": 2003

Ad Hoc Reviewer for NIH/NIDA Center Grant application: "Drug Abuse Vulnerability:
Mechanisms and Manifestations": 2003

Ad Hoc Reviewer: Social Sciences, Nursing, and Methods – 2 Study Section, National Institutes
of Health: 2002-2003.

Editorial Board Membership

Annals of Dyslexia, 2006 –

Intelligence: 2002 –

Infant and Child Development, 2007 -

Journal of Personality and Social Psychology: 2003 –
Journal of Learning Disabilities: 2006 –

Ad-hoc Reviewer

Annals of Dyslexia: 2001 –
Behavior Genetics: 1997-2002
British Journal of Clinical Psychology: 1998 -
Current Directions in Psychological Science: 1997
Developmental Psychology: 1998-
Educational Testing Service: 2000
Journal of Child Psychology and Psychiatry: 2003-
Journal of Personality and Social Psychology: 1998-2003
Intelligence: 1997 - 2002
Lawrence Erlbaum Associates: 2001
National Science Foundation: Division of Social Behavioral and Economic Research: 2000
Psychological Science: 2004
Psychological Bulletin: 2006
School Psychology Review: 1999

Memberships

Behavior Genetics Association
International Society for Intelligence Research
Phi Beta Kappa
Society for Research in Child Development
Society for the Scientific Study of Reading

SERVICE TO THE UNIVERSITY

Wesleyan University (1997-2001)

University Service:

Advisor, McNair Program for Under-Represented Students, 1998
Co-Chair, Division III, Teaching and Learning Committee, 1998
First Year Advisor, 1998-1999 (advised 1st and 2nd year students in addition to major advisees)
Member, Graduate Council, 1998-2000
Attended and presented at the November, 1999 Wesleyan University Trustees meeting
Member, Institutional Review Board, 2000-2001

Departmental Service:

Member, Department of Psychology, Curriculum Committee, 1997
Member, Department of Psychology, Graduate Program Committee, 1997
Director, Department of Psychology Graduate Program, 1998-2000
Member, Department of Psychology, Neuroscience Search Committee, 1999
Member, MA Review Program Committee, 2000
Member, 2050 Program in Diversity, 1998-2001

Penn State University (2001 - 2006)

Current Departmental Service:

Professor in Charge, Graduate Program, Department of Biobehavioral Health, 2005 -
Member, Department of Biobehavioral Health, Curriculum Committee, 2001-

Current University Service:

External Committee Member: Department of Nutrition Faculty Search Committee, 2005
Children Youth and Families Consortium Steering Committee, 2003 –
Assistant Director, Center for Developmental and Health Genetics, 2003-

Past Departmental Service:

Chair, Department of Biobehavioral Health, Awards Committee, 2004

Member, Department of Biobehavioral Health, Awards Committee, 2003

Member, Department of Biobehavioral Health, Graduate Admissions Committee, 2002-2005

Co-Chair, Department of Biobehavioral Health, Colloquium Committee, 2002

Children Youth and Families Consortium working group in the area of childhood obesity, 2001

Developed a manual for research methods (BBH310W) to be used as a resource for other BBH faculty members teaching this course, 2001.

Chaired a session for the Children Youth and Families Consortium examining the possibility of developing collaborations based upon adoption research, 2001

Past University Service:

College of Health and Human Development International Advisory Board, 2004

Member, Faculty Council, College of Health and Human Development, 2002 – 2004

Ohio State University (2006 -)

Promotion and Tenure Committee, 2006 –

Chair, Search Committee, 2007 -

SERVICE TO THE COMMUNITY

Keynote Speaker, Mother's of Twins Club State Convention, CT, 1997

Speaker, Mothers of Adopted Children Monthly Meeting, Milford, CT, 1998

Speaker, Adoptive Parent's Committee Tri-State Annual Meeting, Long Island, NY, 1999

Member, Institutional Review Board, Connecticut Valley Hospital, 1998-2001

Presented research findings at Mothers of Adopted Children monthly meeting. (2001, April), Hartford, CT

Attended United Way Day of Caring, (2001, October), State College, PA

Attended State Wide Adoption Network Spring Meeting (2002, January), State College, PA

Initiated an outreach/research program in Guatemala (2002, March)

Speaker, State Wide Adoption Network Spring Meeting (2003, July), Lancaster, PA

Faculty Advisor: Best Buddies, Penn State Chapter (pairs colleges students with special needs adults in the community), 2005

Member: TwinsDays Research Development Steering Committee: Twinsburg, Ohio, 2005.

Parent Advocate for Children with Autism, Columbus, Ohio, 2007 -