

CURRICULUM VITAE

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Name: Stephanie Schmitz

Citizenship: German
(permanent residency for the U.S.A.)

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Education:

1996 Ph. D. in Psychology
University of Colorado, Boulder
1994 M. A. in Psychology
University of Colorado, Boulder
1978 Dipl. Psych., Department of Psychology
University of Hamburg, Federal Republic of Germany
1974 Diplom-Vorprüfung, Department of Psychology
University of Düsseldorf, Federal Republic of Germany

Teaching Experience:

1993-1996 Guest Lecturer, University of Colorado, Boulder
Introductory Behavior Genetics course
Seminar in Behavior Genetics
1982 Lecturer, Introduction to Psychology for Nursing Students
Krankenpflegeschule AK Heidberg, Federal Republic of Germany
1981-1983 Lecturer, Introduction to Psychology for Nursing Students
Krankenpflegeschule Kaltenkirchen, Federal Republic of Germany
1981-1982 Lecturer, Introduction to Psychology
Volkshochschule Hamburg, Federal Republic of Germany

Professional Experience:

2004-2005	Temporary reviewer for NIH SRG ECDA
2004-2005	Data analyst for the Early Head Start group, Department of Psychiatry, University of Health Sciences Center, Denver
2001	Temporary reviewer for NIH SRG BBBP-6
2000-2001	Research contract with the National Institutes of Mental Health
1998–	Research Associate at the Institute for Behavioral Genetics, University of Colorado
1996-1998	Postdoctoral Fellow with the Developmental Psychobiology Research Group, Department of Psychiatry, University of Colorado – Health Sciences Center
1996-1999	Assistant to the Editor <i>Behavior Genetics</i> Journal
1995-1996	Graduate Research Assistant for the Adolescent Substance Abuse Project at the Institute for Behavioral Genetics, University of Colorado
1995-1996	Statistician for the Institute for Research on Social Problems Boulder, CO
1993	Teaching Assistant, Introduction to Behavior Genetics course, University of Colorado
1988-1991	Professional Research Assistant for the MacArthur Logitudinal Twin Study at the Institute for Behavioral Genetics University of Colorado, Boulder
1981-1984	Psychologist, Gesundheitsladen Hamburg e.V. Hamburg, Federal Republic of Germany
1977-1979	Psychologist, Der Lotse e.V. Hamburg, Federal Republic of Germany

Internships (6-8 weeks):

1975	Landeskrankenhause Lüneburg (psychiatric in-patient clinic)
1975	Meon House Young People's Unit, Fareham, Hants., UK (residential unit for adolescents during the week)
1976	Psychological Institutue II (Child Psychotherapy), University of Hamburg (ratings of play therapy sessions)
1980	Psychiatric Clinic Häcklingen, Lüneburg (behavior therapy unit for drug dependent adolescents)

Grants, Fellowships, and Scholarships:

2000-2003	Principal investigator for NIH research grant MH-62116
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1997	‘Behavior Genetics of attentional and co-occurring problems’ Award of research funds from the DPRG Endowment Fund University of Colorado – Health Sciences Center
1996-1998	NIH Postdoctoral Fellowship awarded to DPRG University of Colorado – Health Sciences Center
1996	Thompson Award presented by the Behavior Genetics Association
1996	Muenzinger Award presented by the Department of Psychology University of Colorado – Boulder
1992	Graduate School Dean’s Small Grant Award
1991- 1995	NICHD Predoctoral Fellowship (HD-07289) University of Colorado – Boulder
1991- 1995	University of Colorado Doctoral Fellowship

Other Work Experience:

2006-	Enlaso/translate.com, Boulder, CO proofing of technical translations
1999-2001	DataPro Consulting: sales reconciliation
1994-	Sykes Enterprises, Inc./SDL International Boulder, CO proofing of technical translations
1991-	International Language Engineering/Lionbridge, Boulder, CO proofing of technical translations
1984- 1992	Accounting (1984- 1988 full-, 1988- 1992 part-time; several companies and free lance)

Publications:

- Schmitz, S., Cherny, S. S., and Fulker, D. W. (1992). Genetic and environmental influence on the etiology of problem behavior in early childhood. *Behavior Genetics*, 22: 751 (abstract).
- Schmitz, S., Cherny, S. S., and Fulker, D. W. (1993). Assessing genetic and environmental influences on problem behavior: Twin analysis of the Child Behavior Checklist. Abstracts of the 60th Anniversary Meeting of the Society for Research in Child Development, 9, 587.
- Schmitz, S. and Fulker, D. W. (1993). Behavior ratings in early childhood with the Child Behavior Checklist (CBCL/4-16). *Behavior Genetics*, 23, 565 (abstract).

- Schmitz, S., Cherny, S. S., Fulker, D. W., and Mrazek, D. A. (1994). Genetic and environmental influences on early childhood behavior. *Behavior Genetics, 24*, 25-34.
- Schmitz, S. (1994). Temperament and Personality. In: DeFries, J.C., Plomin, R., and Fulker, D. W. (Eds), *Nature and nurture during middle childhood*. Blackwell: Oxford (pp 120-140).
- Schmitz, S. and Fulker, D. W. (1994). Covariation in Internalizing/ Externalizing and grade level in reading and math during middle childhood. *Behavior Genetics, 24*, 529 (abstract).
- Schmitz, S. and Fulker, D. W. (1994). Continuation and change in the etiology of problem behavior between early and middle childhood. *Behavior Genetics, 24*, 528 (abstract).
- Chambers, M. L., Schmitz, S., and Corley, R. P. and Fulker, D. W. (1994). Height, weight and body mass index during the first three years of life: A twin study. *Behavior Genetics, 24*, 508 (abstract).
- Young, S. E., Schmitz, S., Corley, R. P., and Fulker, D. W. (1994). Expressive and receptive language development in twins. *Behavior Genetics, 24*, 538 (abstract).
- Fulker, D. W., Young, S. E., Cherny, S. S, and Schmitz, S. (1995) Sources of individual differences in the development of language and cognition. *Abstracts of the 62nd Anniversary Meeting of the Society for Research in Child Development, 10*, 202.
- Schmitz, S. and Fulker, D. W. (1995). Continuity due to which factors? An extension to the rater bias model. *Behavior Genetics, 25*, 287 (abstract).
- Schmitz, S. and Fulker, D. W. (1995). Temperament and Problem Behavior. (abstract submitted to the 8th International Twin Congress of Twin Studies)
- Schmitz, S., Fulker, D. W., and Mrazek, D. A. (1995). Problem behavior in early and middle childhood: An initial behavior genetic analysis. *Journal of Child Psychology and Psychiatry, 36*, 1443-1458.
- Schmitz, S., Saudino, K. J., Plomin, R., Fulker, D. W., and DeFries, J. C. (1996). Genetic and environmental influences on temperament in middle childhood: Analyses of teacher and tester ratings. *Child Development, 67*, 409-422.

- Schmitz, S. and Fulker, D. W. (1996). Family environment and children's problem behavior. *em Behavior Genetics*, *26*, 596 (abstract).
- Zahn-Waxler, C., Schmitz, S., Fulker, D., Robinson, J. L., and Emde, R. (1996). Behavior problems in five-year-old monozygotic and dizygotic twins: Genetic and environmental influences, patterns of regulation, and internalization of control. *Development and Psychopathology*, *8*, 103-122.
- Kubicek, L. F., Schmitz, S., and Emde, R. N. (1996). Temperament, language, and cognition in toddlerhood: The MacArthur Longitudinal Twin Study. *Infant Behavior and Development*, *19*, 552 (abstract).
- Schmitz, S. and Fulker, D. W. (1996). Temperament and problem behavior: A behavior-genetic approach. *Abstracts of the XIVth biennial meetings of the ISSBD (International Society for the Study of Behavioural Development)*, 301.
- Cherny, S. S., Schmitz, S. and Fulker, D. W. (1996). The Colorado Twin Study: Design and methods. *Abstracts of the XIVth biennial meetings of the ISSBD (International Society for the Study of Behavioural Development)*, 47.
- Fulker, D. W., Schmitz, S., and Cherny, S. S. (1996). Overview of the Colorado Adoption Project (CAP). *Abstracts of the XIVth biennial meetings of the ISSBD (International Society for the Study of Behavioural Development)*, 46.
- Zahn-Waxler, C., Schmitz, S., Robinson, J., and Emde, R. (1996). Behavior problems in five-year-old MZ and DZ twins: Early predictive regulatory processes and genetic influence. *Abstracts of the XIVth biennial meetings of the ISSBD (International Society for the Study of Behavioural Development)*, 66.
- Zahn-Waxler, C., Buchalter, A., Robinson, J., Emde, R., and Schmitz, S. (1996). Empathy in twins in the first years of life: Developmental processes and genetic influence. *Abstracts of the XIVth biennial meetings of the ISSBD (International Society for the Study of Behavioural Development)*, 68.
- Gabel, S., Schmitz, S. and Fulker, D. W. (1996). Comorbidity in hyperactive children: Issues related to gender, severity and specificity. *Child Psychiatry and Human Development*, *27(1)*, 15-28.
- Schmitz, S., Mrazek, D. A., and Fulker, D. W. (1997). Genetic and environmental associations between problem behaviors. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, *74(6)*, 571 (abstract).

- Schmitz, S. (1997). Quantitative genetic analyses of the TRF Attention Scale and its subscales. *Behavior Genetics*, *27*(6), 605.
- Schmitz, S., and Wamboldt, M. Z. (1997). Genetic association between atopy and internalizing symptoms in middle childhood. *Behavior Genetics*, *27*(6), 605.
- Schmitz, S., Fulker, D. W., and Mrazek, D. A. (1997). Problem behavior in early and middle childhood: An initial behavior genetic analysis. in: *The Year Book of Psychiatry and Applied Mental Health*. Ed.; J. A. Talbott. Mosby: St. Louis. (excerpted from: *Journal of Child Psychology and Psychiatry*, *36*, 1443-1458).
- Gabel, S., Stallings, M. C., Schmitz, S., Young, S. E. and Fulker, D. W. (1997). Personality dimensions in mothers and sons: Relationships with adolescent substance misuse. *Personality and Individual Differences*, *23*(1), 79-86.
- Schmitz, S., Cherny, S. S., and Fulker, D. W. (1998). Increase in power through multivariate analyses. *Behavior Genetics*, *28*(5), 357-363.
- Schmitz, S., and Fulker, D. W. (1998). Genetic and environmental associations between attention problems and other problem behaviors. *Behavior Genetics*, *28*(6), 480 (abstract).
- Gabel, S., Stallings, M. C., Young, S. E., Schmitz, S., and Fulker, D. W. (1998). Family variables in substance misusing adolescents: The importance of maternal disorder. *American Journal of Drug and Alcohol Abuse*, *24*(1), 61-84.
- Wamboldt, M. Z., Schmitz, S., and Mrazek, D. (1998). Genetic association between atopy and behavioral symptoms in middle childhood. *Journal of Child Psychology and Psychiatry*, *39*(7), 1007-1016.
- Schmitz, S., Fulker, D. W., Plomin, R., Zahn-Waxler, C., and Emde, R. N. (1999). Temperament and problem behavior during early childhood. *International Journal of Behavioral Development*, *23*(2), 333-355.
- Schmitz, S. and Saudino, K. J. (1999). Links between temperament and behavior problems – why do the results depend on the sample? *Behavior Genetics*, *29*(5), 369.
- Gabel, S., Stallings, M. C., Young, S. E., Schmitz, S., and Fulker, D. W. (1999). Personality dimensions and substance misuse: Relationships in adolescents, mothers and fathers. *American Journal on Addictions*, *8*, 101-113.

- Warren, S., Schmitz, S., and Emde, R. N. (1999). Behavioral genetic analyses of self-reported anxiety at seven years of age. *Journal of the American Academy of Child and Adolescent Psychiatry*, *38*(1), 1403-1408.
- Schmitz, S., Corley, R. P., and Hewitt, J. K. (2000). Personality structure in young adults and their parents. *Behavior Genetics*, *30*:5, 418.
- von Klitzing, K., Kelsay, K., Emde, R. N., Robinson, J., and Schmitz, S. (2000). Gender specific characteristics of five-year-olds' play narratives and associations with behavior ratings. *Journal of the American Association of Child and Adolescent Psychiatry*, *39*(8), 1017-1023.
- Wamboldt, M. Z., Hewitt, J. K., Schmitz, S., Wamboldt, F. S., Räsänen, M., Koskenvuo, M., Romanov, K., Varjonen, J., and Kaprio, J. (2000). Genetic association between atopy and depression in adult Finnish twins. *American Journal of Medical Genetics (Neuropsychiatric Genetics)*, *96*(2), 146-153.
- Schmitz, S. (2001). Attention problems and emotionality at ages 7 and 12. *Behavior Genetics*, *31*(5), 468.
- Schmitz, S., Fulker, D. W., Emde, R. N., and Zahn-Waxler, C. (2001). Early predictors of problem behavior at age four. In: Emde, R. N., Hewitt, J. K. (Eds.). *Infancy to early childhood: Genetic and environmental influences on developmental change*. Oxford University Press: New York (pp329-353).
- Schmitz, S. and Mrazek, D. A. (2001). Genetic and environmental influences on the associations between attention problems and other problem behaviors. *Twin Research*, *4*(6), 453-458.
- Chambers, M. L., Hewitt, J. K., Schmitz, S., Corley, R. P., and Fulker, D. W. (2001). Height, weight, and body mass index. In: Emde, R. N., Hewitt, J. K. (Eds.). *Infancy to early childhood: Genetic and environmental influences on developmental change*. Oxford University Press: New York (pp292-305).
- Kubicek, L. F., Emde, R. N., and Schmitz, S. (2001). Temperament and language in the transition from infancy to early childhood. In: Emde, R. N., Hewitt, J. K. (Eds.). *Infancy to early childhood: Genetic and environmental influences on developmental change*. Oxford University Press: New York (pp307-327).

- Young, S. E., Schmitz, S., Corley, R. P., Fulker, D. W., and Reznick, S. (2001). Language and IQ. In: Emde, R. N., Hewitt, J. K. (Eds.). *Infancy to early childhood: Genetic and environmental influences on developmental change*. Oxford University Press: New York (pp221-241).
- Zahn-Waxler, C., Schiro, K., Robinson, J. L., Emde, R. N., and Schmitz, S. (2001). Empathy and prosocial patterns in young MZ and DZ twins: Development, genetic and environmental influences. In: Emde, R. N., Hewitt, J. K. (Eds.). *Infancy to early childhood: Genetic and environmental influences on developmental change*. Oxford University Press: New York (pp141-161).
- Schmitz, S. (2002). The relationship between attention problems and IQ. *Behavior Genetics*, *32*(6), 484.
- Haberstick, B.C., Schmitz, S., Young, S.E., and Hewitt, J.K. (2002). Genetic and environmental contributions to maternal ratings of stable problem behavior in middle childhood and early adolescence. *Behavior Genetics*, *32*(6), 467-468.
- Schmitz, S. (2003). Teacher and mother ratings of attention problems. In: Petrill, S. A., Plomin, R., DeFries, J. C. and Hewitt, J. K. (Eds.). *Nature, nurture and the transition to early adolescence*. Oxford University Press: New York (pp93-108).
- Schmitz, S. (2003). Attention and internalizing problems. *Behavior Genetics*, *33*(6), 718.
- Haberstick, B.C., Schmitz, S., Young, S.E., and Hewitt, J.K. (2003). Individual differences in behavioral problems as rated by different teachers across middle childhood and early adolescence. *Behavior Genetics*, *33*(6), 704.
- Schmitz, S. and Saudino, K. J. (2003). Links between temperament and behavior problems in adolescence. In: Petrill, S. A., Plomin, R., DeFries, J. C. and Hewitt, J. K. (Eds.). *Nature, nurture and the transition to early adolescence*. Oxford University Press: New York (pp185-198).
- Haberstick, B. C., Schmitz, S., Young, S. E., and Hewitt, J. K. (2005). Contributions of genes and environments to stability and change in externalizing and internalizing problems during elementary and middle school. *Behavior Genetics*, *35*(4), 381-396.
- Rhee, S. H., Cosgrove, V. E., Schmitz, S., Haberstick, B., Corley, R. P., and Hewitt, J. K. (2005). Early childhood temperament and the covariation

between internalizing and externalizing behavior in school-aged children. *Behavior Genetics*, 35(6), 829.

Rhee, S. H., Codgrove, V. E., Schmitz, S., Haberstick, B., Corley, R. P. and Hewitt, J. K. (submitted). Early childhood temperament and the covariation between internalizing and externalizing behavior in school-aged children.

Schmitz, S., Corley, R. P., DeFries, J. C., and Hewitt, J. K. (submitted). The Child Behavior Checklist as a predictor of substance experimentation in late adolescence.

Schmitz, S., Corley, R. P., Hewitt, J. K., Zahn-Waxler, C., and DeFries, J. C. (submitted). Internalizing and attention problems: Genetic and environmental mediations at two age points.

Schmitz, S., Corley, R. P., Hewitt, J. K., Zahn-Waxler, C., and DeFries, J. C. (submitted). Attention Problems and Emotionality at Ages 7 and 12.

Haberstick, B. C., Schmitz, S., Young, S. E., and Hewitt, J. K. (submitted). Contributions to individual differences in stable problem behaviors during middle childhood and early adolescence: A twin study of maternal ratings using the Child Behavior Checklist.

Haberstick, B. C., Schmitz, S., Young, S. E., and Hewitt, J. K. (submitted). Genes and developmental stability in aggressive behavior problems at home and school in a community sample of twins aged 7-12.

Haberstick, B. C., Schmitz, S., Young, S. E., and Hewitt, J. K. (submitted). Genetic influences on attention problems at home and school: A twin study of stability and change during middle childhood and early adolescence.

Schmitz, S., Corley, R. P., Hewitt, J. K., and DeFries, J. C. (in preparation). EPQ and TPQ structure in young adults and their parents.

Haberstick, B. C., Schmitz, S., Young, S. E., and Hewitt, J. K. (in preparation). Aspects of attention problems over time.

Conference Presentations:

Paper presented at the 22nd Annual Meeting of the Behavior Genetics Association, Boulder, Colorado, July 1992.

Poster presented at the 60th Anniversary Meeting of the Society for Research in Child Development, New Orleans, Louisiana, March 1993

Paper presented at the 23rd Annual Meeting of the Behavior Genetics Association, Sydney, Australia, July 1993.

Paper and poster presented at the 24th Annual Meeting of the Behavior Genetics Association, Barcelona, Spain, July 1994.

Paper presented at the 8th International Twin Congress, Richmond, Virginia, May 1995.

Paper presented at the 25th Annual Meeting of the Behavior Genetics Association, Richmond, Virginia, June 1995.

Paper presented at the 26th Annual Meeting of the Behavior Genetics Association, Pittsburgh, Pennsylvania, June 1996.

Paper and poster presented at the XIVth Biennial Meeting of the International Society for the Study of Behavioural Development, Quebec City, Canada, August 1996.

Paper and poster presented at the 27th Annual Meeting of the Behavior Genetics Association, Toronto, Canada, July 1997.

Poster presented at the 1997 (Vth) World Congress of Psychiatric Genetics, Santa FE, NM, October 1997.

Poster presented at the 10th Biennial Retreat of the Developmental Psychobiology Research Group, Estes Park, CO, May 1998.

Paper presented at the 28th Annual Meeting of the Behavior Genetics Association, Stockholm, Sweden, June 1998.

Poster presented at the 63rd Biennial Meeting of the Society for Research in Child Development, Albuquerque, New Mexico, April 1999.

Paper presented at the 29th Annual Meeting of the Behavior Genetics Association, Vancouver, Canada, July 1999.

Poster presented at the 30th Annual Meeting of the Behavior Genetics Association, Burlington, Vermont, June 2000.

Paper presented at the 31st Annual Meeting of the Behavior Genetics Association, Cambridge, UK, July 2001.

Paper presented at the 32nd Annual Meeting of the Behavior Genetics Association, Keystone, CO, July 2002.

Paper presented at the 33rd Annual Meeting of the Behavior Genetics Association, Chicago, IL, June 2003.

Thesis:

Empirische Untersuchung zu differentiellen Unterschieden der Testergebnisse bei erfolgreichen und nichterfolgreichen Therapieteilnehmern sowie zur prognostischen Valenz von Testausgangsdaten bei der Vorhersage des Therapieerfolgs bei der gruppentherapeutischen Behandlung von psychosomatischen Patienten

[An empirical study on the differential differences of test scores on successful and unsuccessful therapy participants as well as the prognostic validity of baseline measures in predicting therapy success in group therapeutic treatment of psychosomatic patients]
Unpublished Diplom Thesis, Hamburg 1978

Familial correlates of children's problem behavior in a longitudinal twin sample.
Unpublished Doctoral Thesis, Boulder 1996.

Professional Affiliations:

American Association for the Advancement of Science 1993 - 1997
American Psychological Society 1991 - 1997
Behavior Genetics Association 1991 -
Deutsche Gesellschaft für Verhaltenstherapie 1976-1983
Deutsche Gesellschaft für Soziale Psychiatrie 1976-1983

Refereed manuscripts for the following journals:

Annals of Otolaryngology, Rhinology & Laryngology
Archives of General Psychiatry
Behavior Genetics
Child Development
Developmental Psychology
Intelligence
International Journal of Behavioral Development
Journal of Applied Psychology
Journal of Child Psychology and Psychiatry
Journal of Heredity
Neuropsychiatric Genetics