

## Curriculum Vitae

# KRISTEN CAROL JACOBSON

**Date of Birth:** April 22, 1968  
**Place of Birth:** Chicago, Illinois  
**Citizenship:** United States of America  
**Marital Status:** Single, no children

**Current position:** Assistant Professor & Associate Director of Twin Projects  
Department of Psychiatry  
Biological Sciences Division, Pritzker School of Medicine  
The University of Chicago

**Business address:** Department of Psychiatry, MC 3077  
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**Education and Training:**

**College:** Cornell University, B.A., Psychology (Cum Laude) and English,  
1986-1990

**Graduate School:** Pennsylvania State University, PhD, Human Development &  
Family Studies, 1992-1999

**Post-Doctoral Training:** Virginia Institute of Psychiatric & Behavioral Genetics, Virginia  
Commonwealth University, 1999-2000

**Other Training:** Hierarchical Linear Models, Inter-university Consortium for  
Political and Social Research, University of Michigan, Ann Arbor,  
MI, July 8-12, 1996

3-day Workshop on Latent Growth Curve Analysis, Methodology  
Center, School of Health & Human Development, Pennsylvania  
State University, State College, PA, 1996

3-day Workshop on Latent Transition Analysis, Methodology  
Center, School of Health & Human Development, Pennsylvania  
State University, State College, PA, 1996

Structural Equation Modeling with Mx, Division of Family Studies, University of Arizona, Tucson, AZ, May 19-23, 1997

10<sup>th</sup> International Workshop on Methodology for Twin and Family Studies, Institute of Behavioral Genetics, University of Colorado, Boulder, CO, March 2-6, 1998

15<sup>th</sup> International Workshop on Advanced Methodology for Twin and Family Studies, Institute of Behavioral Genetics, University of Colorado, Boulder, CO, March 3-7, 2003

44<sup>th</sup> Annual Short Course in Medical and Experimental Mammalian Genetics, The Jackson Laboratory, Bar Harbor, ME, July 13-25, 2003

Advanced Workshop on Gene Finding and Genetic Epidemiology, Egmond an Zee, The Netherlands, October 4-8, 2004

3rd Workshop on Methodology for Behavior Genetics and Genetic Epidemiology, Egmond an Zee, The Netherlands, October 10-14, 2005

**Medical Licensures:** Not Applicable.

**Specialty Certification:** Not Applicable.

**Academic Positions:**

Undergraduate Research Assistant; Department of Psychology, Cornell University, Ithaca, NY. Supervisor: E. Spelke, 1987-1990.

Head Lab Technician; Cornell Infant Research Center, Department of Psychology, Cornell University, Ithaca, NY. Supervisor: E. Spelke, 1991-1992.

Research Assistant; Department of Human Development & Family Studies, Cornell University, Ithaca, NY. Supervisor: U. Bronfenbrenner, 1992.

Graduate Research Assistant; Department of Human Development & Family Studies, Pennsylvania State University, University Park, PA. Supervisors: L. Crockett; J. Belsky; N. Darling, 1992-1996.

Research Specialist/Project Director; Division of Family Studies & Human Development, University of Arizona, Tucson, AZ.  
Supervisor: B. Barber, 1996-1998.

Research Associate/Research Specialist; Division of Family Studies & Human Development, University of Arizona, Tucson, AZ. Supervisor: D. Rowe, 1996-1999.

Assistant Professor, Department of Psychiatry, Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA 2001-2005.

Affiliate Member, Department of Psychology, Virginia Commonwealth University, Richmond, VA, 2002-2005.

Assistant Professor and Associate Director of Twin Projects, Department of Psychiatry, The University of Chicago, Chicago, IL, 2005-present.

### **Teaching Experience:**

Teaching Assistant, *Resolving Individual & Family Problems*; Department of Human Development & Family Studies, Pennsylvania State University, 1992.

Teaching Assistant, *Individual & Family Intervention*; Department of Human Development & Family Studies, Pennsylvania State University, 1993.

Guest Lecturer, *Introduction to Child Development*; Department of Human Development & Family Studies, Pennsylvania State University, 1994.

Teaching Assistant, *Dynamics of Family Relations*, Department of Family Studies, University of Arizona, 1996.

Co-Instructor, *Dynamics of Family Relations*, Department of Family Studies, University of Arizona, 1997.

Lecturer, *Introduction to Principles of Human Behavioral Genetics*; Virginia Commonwealth University (HGEN 620), 2001-2005.

Guest Lecturer, *Intentional Injury*; Department of Psychology, Virginia Commonwealth University (ECH 619), 2002.

Instructor, *Normative Adolescent Development*, Department of Psychiatry, Virginia Commonwealth University, 2004.

Instructor, Summer Workshop, *Introduction to Twin Modeling*, VIPBG, Virginia Commonwealth University, 2004.

Faculty Supervisor, *Resident Journal Club Series*, Department of Psychiatry, Virginia Commonwealth University, 2004-2005.

Guest Lecturer, *Exploring Community Solutions*, Department of Psychology, Virginia Commonwealth University (HUMS 291), 2005.

### **Research Mentorship Experience:**

Statistical Consultant, A. Busboom, undergraduate honors student, Family Studies, University of Arizona, 1996-1997.

Committee Member, A. Agrawal, Ph.D., Human Genetics, Virginia Commonwealth University, 2001-2004.

External Committee Member, J. Bar, Ph.D., Psychology, Boston University, 2002-2003.

External Committee Member, J. Doerflet, M.F.A, English, Virginia Commonwealth University, 2001-2003.

### **Postdoctoral trainees:**

Dr. A. Khan , Department of Psychiatry, Virginia Commonwealth University, 2001-2003.

Dr. K. Bolinsky , Department of Psychiatry, Virginia Commonwealth University, 2002-2004.

Dr. N. Gillespie, Department of Psychiatry, Virginia Commonwealth University, 2005.

### **Other Supervision:**

Statistical Consultant, F. Tozzi, visiting MD student in Psychiatry, Virginia Commonwealth University, 2000-2001.

Faculty Supervisor, *Data Analysis Group*, VIPBG, Virginia Commonwealth University, 2001-2005.

Statistical Consultant, M. Grant, Post-Doctoral Research Associate, Psychology, Boston University, 2004-

Statistical Consultant, M. Panzzion, PhD student, Psychology, Boston University, 2004-

Statistical Consultant, N. Czajkowki, visiting PhD student from the University of Oslo, Norway, 2005-

**University / Departmental Activities:**

Chair, Life Events Committee, VIPBG, Virginia Commonwealth University, 2001-2004.

Chair, Space Committee, VIPBG, Virginia Commonwealth University, 2003-2004.

Member, Research Development Committee, Department of Psychiatry, Virginia Commonwealth University, 2004-2005.

Chair, Committee to Develop Research Literacy among Residents, Department of Psychiatry, Virginia Commonwealth University, 2004-2005.

Member, Postdoctoral Training Committee, VIPBG, Virginia Commonwealth University, 2004-2005.

**Extramural Activities:**

Symposium Organizer, *Genetic and Environmental Contributions to Adolescent Cognition: New Directions*. Society for Research on Child Development. Albuquerque, New Mexico, 1999.

Symposium Organizer, *Symposium honoring the work of David C. Rowe*. Behavioral Genetics Association, Chicago, Illinois, 2003.

Alumni Interviewer, *Cornell Alumni Admissions Ambassador Network, Mid-Atlantic Division*, 2001-2005.

**Editorial Board Activities:**

Associate Editor, *Journal of Marriage and the Family*, 2005.

### **Grant Review Activities:**

Ad Hoc Reviewer, NIAAA. RFA on Alcohol-Related Problems among College Students: Epidemiology and Prevention, 2002.

Ad Hoc Reviewer, NIH. CSR Special Emphasis Panel. BGES Committee, *Behavioral Genetics and Psychiatric Disorders*, 2004.

Ad Hoc Reviewer, NHGRI. Special Emphasis Panel, *ELSI Member Conflict Review*, 2004.

Site Reviewer, NICHD, *Adolescent Health Project*, 2004.

Ad Hoc Reviewer, NHGRI. Special Emphasis Panel, *ELSI-I*, 2005.

Ad Hoc Reviewer, NIH. Psychosocial Development, Risk and Prevention Study Section. *Risk, Prevention, and Health Behavior Integrated Review Group*, 2005.

Temporary Member, NIH. *Behavioral Genetics and Epidemiology Study Section*, 2005.

### **Journal Review Activities:**

*Journal of Adolescence*, 2005-  
*Scientific Studies of Reading (Special Issue, S. Petrill, Editor)*, 2004.

*Archives of General Psychiatry*, 2003-  
*Addiction*, 2003.

*Journal of Consulting & Clinical Psychology*, 2003.

*Twin Research*, 2001-

*Behavior Genetics*, 2001-

*Journal of Research on Adolescence*, 2001-

*British Journal of Psychiatry*, 2001-

*Journal of Drug and Alcohol Dependence*, 2000-

*Child Neuropsychology*, 2000.

*Psychological Medicine*, 1999-

*Journal of Abnormal Psychology*, 1999.

*Journal of Marriage and the Family*, 1998-

*Journal of Early Adolescence*, 1998.

*International Journal of Behavioral Development (Special Edition, D. Rowe, Editor)*, 1998.

**Professional Associations:**

Member, Society for Research in Child Development (SRCD)  
Member, Society for Research on Adolescence (SRA)  
Member, Behavior Genetics Association (BGA)  
Member, International Society for Psychiatric Genetics (ISPG)  
Member, International Society for Twin Studies (ISTS)  
Member, American Psychopathological Association (APPA)

**Membership in Community Organizations:**

Cornell Alumni Association  
Penn State Alumni Association  
Virginia Museum of Fine Arts  
The Art Institute of Chicago  
The Museum of Science and Industry

**Honors and Awards:**

Cornell Tradition Fellow, Cornell University, 1986-1990.

Graduated *cum laude* in Psychology, Cornell University, 1990.

Graduate Student Travel Award, Behavior Genetics Association, 1998.

Building Interdisciplinary Research Careers in Women's Health (BIRCWH) Fellow, Virginia Commonwealth University, 2001-2003.

Election into membership of the American Psychopathological Association, 2003.

Student Loan Repayment Program, NIH, 2003-2007.

**Research Interests:**

The interplay of genetic and environmental influences on the development of antisocial behavior.

Identifying cognitive, physiological, and biological endophenotypes for antisocial behavior.

Heterogeneity in developmental pathways.

Gene x Environment interactions.

Behavioral Genetic methodology.

## Research Grants:

### Current Grants:

#### *National Institutes of Health (NIH) Grants:*

##### NIMH 1K01 MH068484-01

“Genetics of vulnerability to antisocial behavior” (K. Jacobson, PI). Role: Principal Investigator.  
\$319,239 total direct costs, 9/15/03-8/31/06.

##### NIA 1R01 AG022982-01

“VETSA longitudinal twin study of cortisol and aging” (W. Kremen, PI). Role: PI of subcontract.  
\$2,035,738 total direct costs (Subcontract: \$148,496 total direct costs), 9/30/04-7/31/08.

##### NIDA 2R01 DA011287

“Competitive renewal for a Twin-Family Study of drug use, abuse, and dependence” (K. Kendler/K. Jacobson, PI). Role: Co-Principal Investigator.  
\$600,000 total direct costs, 7/1/05-6/30/08.

##### NIMH 1R01 MH068643

“Axis I and Axis II psychiatric disorders in Norwegian Twins” (K. Kendler, PI). Role: Co-Investigator.  
\$1,500,338 total direct costs, 5/18/04-4/30/08.

##### NIDA 1R01 DA018662-01

“Alternative phenotypes of substance abuse” (M. Tsuang, PI). Role: Consultant.  
\$375,000 total direct costs, 9/15/04-6/30/07.

#### *Private Foundation Grants:*

##### National Alliance for Research on Schizophrenia & Affective Disorders

“Understanding influences on comorbidity between antisocial behavior and major depressive disorder” (K. Jacobson, PI)  
\$52,350 total direct costs. (Role: Principal Investigator) 7/1/02-6/30/05.

Pending Grants:

NIMH 2 R01 MH058354-06

“Risk factors for antisocial behavior” (L. Baker, PI)  
\$2,500,000 total direct costs, (Principal Investigator, Univeristy of Chicago Subcontract), 12/1/05-11/30/10.  
Submitted March 1, 2005. Priority Score = 135, 7.4 percentile,  
Approved for funding September, 2005.

Past Grants:

NIH/NIMH T32 MH20030

“Research Training in Psychiatric & Statistical Genetics” (M. Neale, PI). Role: Preceptor.  
\$1,520,956 total direct costs, 7/1/04-6/30/09.

NIMH 1R01 MH065320-01A1

“Candidate genes in models of mental health” (E. van den Oord, PI). Role: Co-Investigator.  
\$675,000 total direct costs, 12/1/02-11/30/05.

NIH/NIMH 2R01 MH49492-09

“The epidemiology of mood, anxiety, and alcohol disorders” (K. Kendler, PI). Role: Co-Investigator.  
\$1,000,000 total direct costs, 12/1/01-11/30/06.

NIMH 2R01 MH49716-06A1

“Transmission of vulnerability factors for schizophrenia” (K. Nuechterlein, PI). Role: Biostatistician.  
\$2,036,100 total direct costs, 12/1/01-11/30/06.

NIH DA 1414041-02

Interdisciplinary Women’s Health Research Scholars Program Fellow, Virginia Commonwealth University, (R. Pickens, PI)  
75% salary support + \$5,500 annually, 9/01-9/03.

## Publications:

### Peer-Reviewed Articles in Print:

1. Spelke, E.S., Breinlinger, K., Jacobson, K., & Phillips, A. (1993). Gestalt relations and object perception: A developmental study. *Perception, 22*, 1483-1501.
2. Spelke, E.S., Breinlinger, K., Macomber, J., & Jacobson, K. (1992). Origins of knowledge. *Psychological Review, 99*, 605-632.
3. Jacobson, K.C., & Rowe, D.C. (1998). Genetic and shared environmental influences on adolescent body mass index: Interactions with race and sex. *Behavior Genetics, 28*, 265-278.
4. Jacobson, K.C., & Rowe, D.C. (1999). Genetic and environmental influences on the relationships between family connectedness, school connectedness, and adolescent depressed mood: Sex differences. *Developmental Psychology, 35*, 926-939.
5. Rowe, D.C., Almeida, D.M., & Jacobson, K.C. (1999). School context and genetic influences on aggression in adolescence. *Psychological Science, 10*, 277-280.
6. Rowe, D.C., Jacobson, K.C., & Van den Oord, E. J. C. G. (1999). Genetic and environmental influences on vocabulary IQ: Parental education as moderator. *Child Development, 70*, 1151-1162.
7. Cleveland, H.H., Jacobson, K.C., Lipinski, J.J., & Rowe, D.C. (2000). Genetic and shared environmental contributions to the relationship between the HOME environment and child and adolescent achievement. *Intelligence, 28*, 69-86.
8. Jacobson, K.C., & Crockett, L.J. (2000). Parental monitoring and adolescent adjustment: An ecological approach. *Journal of Research on Adolescence, 10*, 65-97.
9. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2000). Genetic and environmental influences on juvenile antisocial behaviour assessed on two occasions. *Psychological Medicine, 30*, 1315-1325.
10. Jacobson, K.C., Prescott, C.A., Neale, M. C., & Kendler, K.S. (2000). Cohort differences in genetic and environmental influences on retrospective reports of conduct disorder among adult male twins. *Psychological Medicine, 30*, 775-787.
11. Agrawal, A., Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2002). A twin study of sex differences in social support. *Psychological Medicine, 32*, 1155-1164.
12. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2002). Sex differences in genetic and environmental influences on antisocial behavior from childhood to adulthood. *Development and Psychopathology, 14*, 395-416.
13. Kendler, K.S., Jacobson, K.C., Myers, J. M., & Prescott, C.A. (2002). Sex differences in genetic and environmental risk factors for irrational fears and phobias. *Psychological Medicine, 32*, 209-217.
14. Kendler, K.S., Prescott, C.A., Jacobson, K.C., Myers, J., & Neale, M.C. (2002). The joint analysis of personal interview and family history assessments: Evidence for validity of diagnosis and increased heritability estimates. *Psychological Medicine, 32*, 829-842.
15. Nuechterlein, K.H., Asarnow, R.F., Subotnik, K.L., Fogelson, D.L., Payne, D.L., Kendler, K.S., Neale, M.C., Jacobson, K.C., & Mintz, J. (2002). The structure of schizotypy: Relationships between neurocognitive and personality disorder features in relatives of schizophrenic patients in the UCLA Family Study. *Schizophrenia Research (special edition), 54(1-2)*, 121-130.

16. Kendler, K.S., Aggen, S.A., Jacobson, K.C., & Neale, M.C. (2003). Does the level of family dysfunction moderate the impact of genetic factors on the personality trait of Neuroticism? *Psychological Medicine*, *33*, 817-825.
17. Kendler, K.S., Jacobson, K.C., Prescott, C.A., & Neale, M.C. (2003). The specificity of genetic and environmental risk factors in men for the illicit use and abuse/dependence of cannabis, cocaine, hallucinogens, sedatives, stimulants, and opiates. *American Journal of Psychiatry*, *160*(4), 687-695.
18. Agrawal, A., Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2004). A population-based twin study of gender differences in depressive symptoms. *Twin Research*, *7*, 176-181.
19. Agrawal, A., Jacobson, K.C., Neale, M.C., Prescott, C.A., & Kendler, K. (2004). A twin study of personality and illicit drug use and abuse/dependence. *Twin Research*, *7*, 72-81.
20. Bolinsky, P.K., Neale, M.C., Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2004). Sources of individual differences in stressful life event exposure in male and female twins. *Twin Research*, *7*, 33-38.
21. Crider, A., Kremen, W.S., Xian, H., Jacobson, K.C., Waterman, B., Eisen, S.A., Tsuang, M.T., & Lyons, M.J. (2004). Stability, consistency, and heritability of electrodermal response lability in middle-aged Male Twins. *Psychophysiology*, *51*, 501-509.
22. Kendler, K.S., Aggen, S.H., Prescott, C.A., Jacobson, K.C., & Neale, M.C. (2004). Level of family dysfunction and genetic influences on smoking in women. *Psychological Medicine*, *34*: 1263-1269.
23. Agrawal, A., Neale, M.C., Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2005). Illicit drug use and abuse/dependence: modeling of two-stage variables using the CCC approach. *Addictive Behaviors*, *30*, 1043-1048.
24. Khan, A.A., Jacobson, K.C., Gardner, C.O., Prescott, C.A., & Kendler, K.S. (2005). Personality and comorbidity of common psychiatric disorders. *British Journal of Psychiatry*, *186*, 190-196.
25. Kendler, K.S., Gardner, C., Jacobson, K.C., Neale, M.C., & Prescott, K.S. (2005). Genetic and environmental influences on illicit drug use and tobacco use across birth cohorts. *Psychological Medicine*, *35*, 1349-1356.
26. Kremen, W.S., Jacobson, K.C., Xian, H., Eisen, S.A., Waterman, B., Toomey, R., Neale, M.C., Tsuang, M.T., & Lyons, M.J. (2005). Heritability of Word Recognition in Middle-Aged Men Varies as a Function of Parental Education. *Behavior Genetics*, *35*, 417-433.

#### Peer-Reviewed Articles in Press

1. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (In Press). Secular trends in similarity of childhood twin environments: Effects on twin similarity for Conduct Disordered behavior. *Twin Research*.
2. Kremen, W.K., Lyons, M.J., Boake, C., Xian, H., Jacobson, K.C., Waterman, B., Eisen, S.A., Goldberg, J., Faraone, S.V., & Tsuang, M.T. (In press). A discordant twin study of premorbid cognitive ability in schizophrenia. *Journal of Clinical and Experimental Neuropsychology (Special Section)*.

### Peer-Reviewed Articles in Review:

1. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.A., Subotnik, K.L., Payne, D.L., Jacobson, K.C., Neale, M.C., & Kendler, K.S. Avoidant Personality Disorder in relatives of patients with Schizophrenia: A separable spectrum disorder: The UCLA Family Study. *American Journal of Psychiatry*.
2. Franz, C.E., Grant, M., Jacobson, K.C., Xian, H., Tsuang, M.T., Kremen, W.S., Eisen, S., & Lyons, M. Changes in body mass index from adolescence to middle-age in male twins: The role of genes and environment. *Annals of Internal Medicine*.
3. Jacobson, K.C., & Neale, M.C. Interpretation of genetic correlation ( $R_g$ ) in Cholesky Models. *Behavior Genetics*.
4. Jacobson, K.C., Neale, M.C., Prescott, C.A., & Kendler, K.S. Behavioral genetic confirmation of a Life-Course perspective on antisocial behavior. *Development and Psychopathology*.
5. Jacobson, K.C., Prescott, C.A., Neale, M. C., & Kendler, K.S. (in revision). Genetic and environmental influences on the relationships between antisocial behavior and alcohol abuse and dependence in male twins. *Alcoholism: Clinical and Experimental Research*.
6. Jacobson, K.C., & Rowe, D.C. (in revision). The relationship between adolescent weight control behaviors and body mass index: Genetic and environmental influences. *Behavior Genetics*.
7. Kremen, W.S., Jacobson, K.C., Lyons, M.J., Xian, H., Eisen, S.A., Eaves, L.J., & Tsuang, M.T. Genetics of verbal working memory processes: A twin study of middle-aged men. *Neuropsychology*.
8. Tozzi, F., Jacobson, K.C., Neale, B., Kendler, K.S., & Bulik, C. The relationship between perfectionism and obsessive-compulsive personality. *American Journal of Medical Genetics*.

### Published Books

1. Rowe, D.C., & Jacobson, K.C. (1998). *Codebook for the Pairs Sample from the National Longitudinal Study of Adolescent Health*. Chapel Hill, NC: Carolina Population Center.

### Published Book Chapters

1. Barber, B. L., Jacobson, K.C., Miller, K., & Petersen, A. C. (1998). Ups and downs: Daily cycles of adolescent moods. In A. C. Crouter & R. Larson (Eds.) *New Directions for Child and Adolescent Development*, 82 (Winter). *Temporal rhythms in adolescence: Clocks, calendars, and the coordination of daily life* (pp. 23-36). San Francisco: Jossey-Bass.
2. Rowe, D.C., & Jacobson, K.C. (1999). In the mainstream: Research in behavioral genetics. In R. A. Carson, & M. A. Rothstein (Eds.) *Behavioral genetics: The clash of culture and biology* (pp. 12-34). Baltimore: the Johns Hopkins University Press.

3. Jacobson, K.C., & Rowe, D.C. (2000). Nature, nurture, and the development of criminality. In J. F. Sheley (Ed.) *Criminology: A contemporary handbook (3<sup>rd</sup> Edition)*. Wadsworth Publishing Company.
4. Rowe, D.C., & Jacobson, K.C. (2000). The nature and nurture of family influences. In K. A. Schneewind (Ed.) *Familienpsychologie im Aufwind: Briueckenschläge zwischen forschung und praxis*. Göttingen, Germany: Hogrefe.
5. Jacobson, K.C. (2005). The genetic basis of substance use and abuse. In R. Stohler & W. Rössler (Eds.) *Bibliotheca Psychiatrica, Vol. No. 171, Special Issue: Dual Diagnosis* (pp.15-30). Basel, Switzerland: Karger Publications.
6. Jacobson, K.C. (2005). Genetic influence on the development of antisocial behavior. In K. Kendler & L. Eaves (Eds) *New Directions for Psychiatric Genetics*. Washington, DC: American Psychiatric Press, Incorporated.

#### Published Book Reviews

1. Jacobson, K.C., & Kendler, K.S. (2000). Review of Faraone, S.V., Tsuang, M.T., & Tsuang, D.W. Genetics of mental disorders: A guide for students, clinicians, and researchers. *Journal of Nervous and Mental Disease, 188(9)*, 630-631.
2. Jacobson, K.C. (2004). Review of Pliskza, S.R. Neuroscience for the mental health clinician. *Psychological Medicine, 34*, 375-377.

#### Published Abstracts

1. Rowe, D.C., Jacobson, K.C., & Neiss, M. (1997). Behavior genetics in the Adolescent Health Study. *Behavior Genetics, 27*, 604.
2. Jacobson, K.C., & Rowe, D.C. (1998). Genetic and environmental influences on the relationship between attachment to family and attachment to school. *Behavior Genetics, 28*, 474.
3. Jacobson, K.C., & Rowe, D.C. (1999). Sibling influences on adolescent antisocial behavior. *Behavior Genetics, 29*, 359.
4. Jacobson, K.C., Prescott, C.A., & Kendler, K.S.. (2000). Sex differences in genetic and environmental influences on the development of antisocial behavior. *Behavior Genetics, 30*, 408.
5. Jacobson, K.C., Prescott, C.A., Neale, M.C., & Kendler, K.S. (2001). Genetic and environmental influences on the relationships between antisocial behavior and alcohol abuse and dependence in male twins. *Twin Research, 4*, 189.
6. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2001). Behavioral genetic confirmation of a Life-Course perspective on antisocial behavior: Can we believe the results? *Behavior Genetics, 31*, 456.
7. Rowe, D.C., & Jacobson, K.J. (2001). A twin and sibling study of cigarette smoking in the National Longitudinal Study of Adolescent Health. *Behavior Genetics, 31*, 468.
8. Jacobson, K.C. (2002). The role of puberty in the development of antisocial behavior. *Behavior Genetics, 32*, 471.

9. Jacobson, K.C., Crider, A., Kremen, W.S., Xian, H., Waterman, B., Eisen, S.A., Tsuang, M.T., & Lyons, M.J. (2003). Genetic and environmental influences on electrodermal lability and its association with antisocial behavior. *Behavior Genetics*, 33, 706-707.
10. Baker, L.A., Raine, A., & Jacobson, K.C. (2004). Risk factors for antisocial behavior: USC Twin Study of genetic and environmental influences. *Behavior Genetics*,

#### Other Publications

1. Jacobson, K.C., Prescott, C.A., Neale, M.C., & Kendler, K.S. (2000). Genetic and environmental factors in conduct disorder. *Youth Update*, 18(3), Winter.
2. Rodgers, J., Jacobson, K.C., & van den Oord, E.E.J.G. (2003). Obituary: David C. Rowe (1950-2003). *Behavior Genetics*, 33, 627-628.
3. Jacobson, K.C. (2005). Gene-environment interaction. In B.S. Everitt & D.C. Howell (Eds.) *Encyclopedia of Statistics in Behavioral Science (Wiley Series in Probability and Statistics, Volume 2, S. Purcell, Volume Editor*, pp. 698-701). Chichester, England: John Wiley & Sons, Ltd.

#### **Conferences and Presentations:**

##### Invited Seminars:

- 2005      *Genetic and environmental influences on the development of antisocial behavior.* Department of Psychiatry, University of Chicago. Host: Emil Coccaro, M.D.
- 2005      *Introduction to Twin Models Using Mx.* Department of Psychology, University of Southern California. Host: Laura Baker, PhD.
- 2004      *Using Behavior Genetics to Understand the Development of Antisocial Behavior.* Department of Psychiatry, University of California, San Diego. Host: Lew Judd, MD.
- 2003      *The Genetic Basis of Substance Abuse.* International Congress on Dual-Diagnosis: A Concept in Development, Zurich, Switzerland. Host: Rudolph Stohler, MD.
- 2003      *The Interplay of Genes and Environments on the Development of Antisocial Behavior.* Clinical Psychology program, Virginia Commonwealth University. Host: Scott Vrana, PhD.
- 2002      *Using Behavioral Genetics to Understand Individual Differences in Antisocial Behavior.* Violence Prevention Group, Virginia Commonwealth University. Host: Aleta Meyer, PhD.
- 2002      *Behavioral Genetics and Antisocial Behavior.* Grand Rounds, Department of Psychiatry, Virginia Commonwealth University. Host: Joel Silverman, MD.
- 2001      *Using Behavior Genetics to Understand the Development of Antisocial Behavior.* Department of Psychology, Clinical; University of Virginia. Host: Eric Turkheimer, PhD.
- 2000      *Introduction to the Behavior Genetic Samples and Their Uses.* The 2000 Add Health Users Workshop, NIH Campus, Bethesda, Maryland. Host: Christine Bachrach.

Professional Conference Presentations:

1. Jacobson, K.C., Baker, L.A., Zumberge, A., Lozano, D.L., & Raine, A. (June, 2005). *Genetic mediation of the relationship between arousal and antisocial behavior in pre-adolescent twins*. Presented at the annual meeting of the Behavior Genetics Association, Hollywood, CA.
2. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.A., Subotnik, K.L., Payne, D.L., Jacobson, K.C., Neale, M.C., & Kendler, K.S. (April, 2005). *Avoidant Personality Disorder in relatives of patients with Schizophrenia: A separable spectrum disorder: The UCLA Family Study*. Presented at the International Congress on Schizophrenia Research, Savannah, GA.
3. Kremen, W., Jacobson, K., Lyons, M., Xian, H., Eisen, S., Neale, M., & Franz, C. (November, 2004). *Cognition in midlife and beyond: The Vietnam Era Twin Study of Aging (VETSA)*. Presented at the annual meeting of the Gerontological Society of America, Washington, D.C.
4. Baker, L.A., Raine, A., & Jacobson, K.C. (July, 2004). *Risk factors for antisocial behavior: USC Twin Study of genetic and environmental influences*. Presented at the annual meeting of the Behavior Genetics Association, Aix en Provence, France.
5. Jacobson, K.C., Yeung, Y-M. J., Crider, A., Kremen, W.S., Xian, H., Waterman, B., Eisen, S.A., Tsuang, M.T., & Lyons, M.J. (March, 2004). *Genetic and environmental influences on electrodermal lability and its association with antisocial behavior*. Presented at the annual meeting of the American Psychopathological Association, New York City.
6. Kremen, W.S., Lyons, M.J., Jacobson, K.C., Xian, H., Eisen, S.A., Waterman, B., Toomey, R., Neale, M.C., and Tsuang, M.T. (November, 2003) *Genetic and environmental influences on reading ability in 339 middle-aged male twin pairs*. Presented at the annual meeting of the Gerontological Society of America, San Diego, CA.
7. Jacobson, K.C., Crider, A., Kremen, W.S., Xian, H., Waterman, B., Eisen, S.A., Tsuang, M.T., & Lyons, M.J. (June, 2003). *Genetic and environmental influences on electrodermal lability and its association with antisocial behavior*. Presented at the annual meeting of the Behavioral Genetics Association, Chicago, IL.
8. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.A., Subotnik, K.L., Payne, D.L., Jacobson, K.C., Neale, M.C., Kendler, K.S. (March, 2003). *Avoidant personality disorder increases the detection of first degree relatives affected by a schizophrenia spectrum diagnosis*. Presented at the International Congress on Schizophrenia Research, Colorado Springs, CO.
9. Jacobson, K.C. (2002, July). *The role of puberty in the development of antisocial behavior*. Presented at the annual meeting of the Behavioral Genetics Association, Keystone, CO.

10. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2001, July). *Behavioral genetic confirmation of a Life-Course perspective on antisocial behavior: Can we believe the results?* Presented at the 31<sup>st</sup> annual meeting of the Behavior Genetics Association, Cambridge, England, UK.
11. Jacobson, K.C., Prescott, C.A., Neale, M. C., & Kendler, K.S. (2001, July). *Genetic and environmental influences on the relationships between antisocial behavior and alcohol abuse and dependence in male twins.* Presented at the biennial meeting of the International Society for Twin Studies, London, England, UK.
12. Rowe, D.C., & Jacobson, K.J. (2001, July). *A twin and sibling study of cigarette smoking in the National Longitudinal Study of Adolescent Health.* Presented at the 31<sup>st</sup> annual meeting of the Behavior Genetics Association, Cambridge, England, UK.
13. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2001, April). *Sex differences in genetic and environmental influences on the development of antisocial behavior.* Presented at the biennial meeting of the Society for Research in Child Development, Minneapolis, MN.
14. Nuechterlein, K., Asarnow, R., Jacobson, K., Subotnik, K., Neale, M., Fogelson, D., & Kendler, K. (2001, April). *Neurocognitive Vulnerability Factors in First-Degree Relatives of Schizophrenic Probands Show Accelerated Aging Effects.* Presented at the International Congress on Schizophrenia Research, Whistler, British Columbia.
15. Nuechterlein, K., Asarnow, R., Subotnik, K., Fogelson, D., Payne, D.L., Kendler, K.S., Neale, M.C., Jacobson, K.C., & Mintz, J. (2001, March). *The structure of schizotypy: Relationships between neurocognitive and personality disorder features in relatives of schizophrenic patients.* Presented at the NATO Advanced Research Workshop on Schizophrenia and Schizotypal Personality: An Integration, Il Ciocco, Tuscany, Italy.
16. Jacobson, K.C., Prescott, C.A., & Kendler, K.S. (2000, July). *Sex differences in genetic and environmental influences on the development of antisocial behavior.* Presented at the 30<sup>th</sup> annual meeting of the Behavior Genetics Association, Burlington, Vermont.
17. Jacobson, K.C. (2000, March/April). *Moderating influences of parental education level on the relationship between family connectedness and adolescent aggression and Grade Point Average.* Presented at the biennial meeting of the Society for Research on Adolescence, Chicago, Illinois.
18. Jacobson, K.C., & Rowe, D.C. (1999, November). *Genetic and environmental influences on adolescent antisocial behavior: Moderating effects of time together.* Presented at the annual meeting of the American Society of Criminology, Toronto, Canada.
19. Petersen, A.C., & Jacobson, K. (1999, September). *Ups and downs: Gender differences in adolescent mood variations.* Presented at the 9<sup>th</sup> European Conference in Developmental Psychology, Spetses, Greece.
20. Jacobson, K.C., & Rowe, D.C. (1999, July). *Sibling influences on adolescent antisocial behavior.* Presented at the 29<sup>th</sup> annual meeting of the Behavior Genetics Association, Vancouver, Canada.
21. Jacobson, K.C. (1999, April). *Genetic and environmental influences on the relationship between parental involvement and adolescent GPA: Sex differences?* Presented at the biennial meeting of the Society for Research on Child Development, Albuquerque, NM.
22. Rowe, D.C., & Jacobson, K.C. (1999, April). *Genetic and environmental influences on vocabulary IQ: Parental education level as moderator.* Presented at the biennial meeting of the Society for Research on Child Development, Albuquerque, NM.

23. Busboom, A.L., Barber, B.L., Jacobson, K.C., & Eccles, J.E. (1998, August). *Will I still love you tomorrow? Predictors of relationship commitment*. Presented at the annual meeting of the International Society for the Study of Interpersonal Relationships, Saratoga Springs, NY.
24. Jacobson, K.C., & Rowe, D.C. (1998, June). *Genetic and environmental influences on the relationship between adolescent attachment to family, attachment to school, and adolescent depressed mood: Sex differences?* Presented at the 28<sup>th</sup> annual meeting of the Behavioral Genetics Association, Stockholm, Sweden.
25. Rowe, D.C., Jacobson, K.C., and Rodgers, J.L. (1998, May). *A G x E interaction for verbal IQ*. Presented at the annual meeting of the American Psychological Society, Washington, D.C.
26. Jacobson, K.C., Barber, B.L., Hoffman, K.J., & Geffner, S.A. (1998, February). *Patterns of adolescent adjustment following parent marital transition*. Presented at the biennial meeting of the Society for Research on Adolescence, San Diego, CA.
27. Jacobson, K.C., & Rowe, D.C. (1998, February). *Genetic and environmental influences on adolescent perceptions of family warmth and attachment to school*. Presented at the biennial meeting of the Society for Research on Adolescence, San Diego, CA.
28. Rowe, D.C., Jacobson, K.C., & Almeida, D. (1997, November). *Heritability and environmentality of violence in the Adolescent Health Study*. Presented at the annual Conference of the American Society of Criminology, San Diego, CA.
29. Barber, B. L., Jacobson, K.C., Horn, M. C., & Jacobs, S. L. (1997, August). *Contextual and individual factors that predict adolescents' school attachment during High School*. Presented at the 7<sup>th</sup> annual European Conference for Research on Learning and Instruction, Athens, Greece.
30. Rowe, D.C., Jacobson, K.C., & Neiss, M. (1997, July). *Behavior genetics in the Adolescent Health Study*. Presented at the 27<sup>th</sup> annual meeting of the Behavior Genetics Association, Toronto, Canada.
31. Petersen, A.C., Barber, B.L., Jacobson, K.C., & Miller, K.E. (1997, June). *Mood cycles in adolescence: The myth of the moody teen*. Presented at the meeting of the Society for Menstrual Cycle Research, Chicago, IL.
32. Rowe, D.C., & Jacobson, K.C. (1997, June). *Testing the conditional strategy hypothesis for self-reported aggression*. Presented at the 9<sup>th</sup> annual Conference of the Human Behavior and Evolutionary Society, Tucson, AZ.
33. Barber, B.L., Jacobson, K.C., Eccles, J.E., & Horn, M.C. (1997, April). *"I don't want to play any more": When do talented adolescents drop out of competitive athletics?* Presented at the biennial meeting of the Society for Research on Child Development, Washington, D.C.
34. Jacobson, K.C., & Barber, B.L. (1996, March). *The effects of parent marital status transition on adolescent adjustment*. Presented at the biennial meeting of the Society for Research on Adolescence, Boston, MA.
35. Jacobson, K.C., Belsky, J., & Crnic, K. (1995, March). *Antecedents of coparenting across the terrible twos*. Presented at the biennial meeting of the Society for Research in Child Development, Indianapolis, IN.
36. Jacobson, K.C., & Crockett, L.J. (1995, March). *Quality of family relationships and adolescent adjustment: An ecological approach*. Presented at the biennial meeting of the Society for Research in Child Development, Indianapolis, IN.

37. Jacobson, K.C. (1994, February). *The impact of parental monitoring on adolescent adjustment: A person-process-context approach*. Presented at the biennial meeting of the Society for Research on Adolescence, San Diego, CA.

Local Journal Club Presentations:

1. Jacobson, K.C. (December, 2004). *The structure of antisocial behavior: Results from a genetic factor analysis*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
2. Jacobson, K.C. (2002, April). *The role of puberty in the development of antisocial behavior*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
3. Jacobson, K.C. (2001, October). *Gender, cohort, equal environments, and antisocial behavior*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
4. Jacobson, K.C. (2001, March). *Behavioral genetic confirmation of a Life-Course perspective on antisocial behavior: Can we believe the results?* Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
5. Jacobson, K.C. (2000, September). *Age-related cognitive decline among relatives of schizophrenics and relatives of controls: Differential aging effects*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
6. Jacobson, K.C. (2000, January). *Testing theories about the development of antisocial behavior using genetic data*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.
7. Jacobson, K.C. (1999, July). *Genetic and environmental influences on adolescent antisocial behavior: Moderating effects of time together*. Virginia Institute for Psychiatric & Behavioral Genetics, VCU, Richmond, Va.