

Curriculum Vitae

KRISTEN CAROL JACOBSON

Place of Birth: Chicago, Illinois
Citizenship: United States of America

Current position: Associate Professor & Associate Director of Twin Studies
Co-Associate Director, Clinical Neuroscience &
Psychopharmacology Research Unit (CNPRU)
Department of Psychiatry & Behavioral Neuroscience
University of Chicago

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ResearcherID: D-2064-2009

Education and Training:

College: Cornell University, A.B., Psychology (*cum laude*) and English,
1986-1990
Honors Thesis: *Understanding Young Infants' Knowledge of Gravity* (E. Spelke, Advisor)

Graduate School: Pennsylvania State University, M.S., Human Development &
Family Studies, 1992-1994
Masters Thesis: *The Relationship between Parental Monitoring and Adolescent Adjustment: An Ecological Approach* (L. Crockett, Advisor)

Pennsylvania State University, Ph.D., Human Development &
Family Studies, 1995-1999
Dissertation: *Testing the Bioecological Model: Moderators of Genetic and Environmental Influences on Adolescent Adjustment* (N. Darling, Advisor)

Post-Doctoral Training: Virginia Institute of Psychiatric & Behavioral Genetics, Virginia Commonwealth University, 1999-2000 (K. Kendler, Supervisor)

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

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

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

44th 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 & Affiliations:

- 07/12- Associate Professor (*with tenure*), Department of Psychiatry and Behavioral Neuroscience, University of Chicago, Chicago, IL
- 05/12- Faculty Affiliate, *Center for Interdisciplinary Inquiry & Innovation in Sexual and Reproductive Health (Ci3)*, University of Chicago, Chicago, IL
- 05/12- Faculty Affiliate, *University of Chicago Urban Network*, Chicago, IL
- 10/11- Faculty Affiliate, *Center for Cognitive and Social Neuroscience*, University of Chicago, IL
- 03/11- Faculty Affiliate, *Center on Aging*, University of Chicago, Chicago, IL
- 04/09- Co-Associate Director, *Clinical Neuroscience & Psychopharmacology Research Unit*, Department of Psychiatry and Behavioral Neuroscience, University of Chicago, Chicago, IL
- 09/07- Faculty Affiliate, *Center for Human Potential and Public Policy*, University of Chicago
- 09/05- Associate Director of Twin Studies, Department of Psychiatry and Behavioral Neuroscience, University of Chicago, Chicago, IL
- 09/05-06/12 Assistant Professor, Department of Psychiatry and Behavioral Neuroscience, University of Chicago, Chicago, IL
- 09/02-08/05 Faculty Affiliate, Department of Psychology, Virginia Commonwealth University
- 12/00-08/05 Assistant Professor, Department of Psychiatry, Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
- 05/99-11/00 Postdoctoral Research Associate, Department of Psychiatry, *Virginia Institute for Psychiatric & Behavioral Genetics*, Virginia Commonwealth University, Richmond, VA. Supervisor: Kenneth Kendler, MD
- 09/96-04/99 Research Associate; Division of Family Studies & Human Development, University of Arizona, Tucson, AZ. Supervisor: David Rowe, PhD
- 09/96-08/98 Project Director; Division of Family Studies & Human Development, University of Arizona, Tucson, AZ. Supervisor: Bonnie Barber, PhD
- 09/92-08/96 Graduate Research Assistant; Department of Human Development & Family Studies, Pennsylvania State University, University Park, PA. Supervisors: Lisa Crockett, PhD; Jay Belsky, PhD; Nancy Darling, PhD
- 01/92-08/92 Research Assistant; Department of Human Development & Family Studies, Cornell University, Ithaca, NY. Supervisor: Urie Bronfenbrenner, PhD
- 01/91-08/92 Head Lab Technician; Cornell Infant Research Center, Department of Psychology, Cornell University, Ithaca, NY. Supervisor: Elizabeth Spelke, PhD

Primary Research Interests:

- The interplay of biological, social, genetic, and environmental influences on the development of child and adolescent problem behavior
- Multilevel models of human development: community, school, and family effects
- Racial/ethnic differences in risk and protective factors
- The effects of human-animal interaction (HAI) on biology, behavior, and well-being
- Gene x Environment interactions

Honors, Fellowships, and Awards:

- Cornell Tradition Fellow, Cornell University, 1986-90
- Graduated *cum laude* in Psychology, Cornell University, 1990
- Graduate Student Travel Award, Behavior Genetics Association, 1998
- NIH Building Interdisciplinary Research Careers in Women's Health Fellow (K12), Virginia Commonwealth University, 2001-03
- National Alliance for Research on Schizophrenia and Depression, Young Investigator Award, 2002-2004
- Elected Member, American Psychopathological Association, 2003-present
- NIH Student Loan Repayment Program, 2003-06
- NIMH Mentored Scientist Career Development Award (K01), 2003-07
- NIH Director's New Innovator Award, 2007-12
- Invited participant, *American Psychological Association Scientific Leadership Conference*, 2008, 2009
- Excellence in Teaching, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2008-2009
- NIH Continuous Submission (outstanding service in NIH peer review process), 2010-2011, 2012-2013, 2013-2014
- Exemplary Contribution to Resident Education, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2011
- Most Outstanding Member of the Faculty, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2011-2012, 2012-2013
- Elected Board Member, International Society for Anthrozoology (ISAZ), 2013-present

Media and Online Coverage of Research:

Large study of teens builds a blueprint for staying out of trouble, by Matt Wood (September 25, 2013). <http://sciencelife.uchospitals.edu/2013/09/25/large-study-of-teens-builds-a-blueprint-for-staying-out-of-trouble/>

Are you an animal person? It could be in your genes, by Hal Herzog. (September 4, 2012). *Psychology Today*. <http://www.psychologytoday.com/blog/animals-and-us/201209/are-you-animal-person-it-could-be-in-your-genes> reprinted (September 7, 2012). *Huffington Post* http://www.huffingtonpost.com/hal-herzog/are-you-an-animal-person-_b_1859051.html

Trajectories: Gender and racial differences in substance use, by Matt Wood. (February 21, 2012). *University of Chicago Science Life*. <http://sciencelife.uchospitals.edu/2012/02/21/trajectories-gender-and-racial-differences-in-substance-use/>

Breaking the Cycle of Violence, by Matt Wood. (November 23, 2011). *University of Chicago Science Life*. <http://sciencelife.uchospitals.edu/2011/11/23/breaking-the-cycle-of-violence/>

Can owning a pet actually make us less happy and healthy? by Hal Herzog. (August 9, 2011). *Science & Religion Today*. <http://www.scienceandreligiontoday.com/2011/08/09/can-owning-a-pet-actually-make-us-less-happy-and-healthy/>

Genes versus the environment inside, by Robert Mitchum. (July 21, 2011). *University of Chicago Science Life*. <http://sciencelife.uchospitals.edu/2011/07/21/genes-versus-the-environment-inside/>

Up in the air, stressing out, by Robert Mitchum. (March 2010). *University of Chicago Science Life*. <http://sciencelife.uchospitals.edu/2010/03/30/up-in-the-air-stressing-out/>

Teenagers behaving badly, by Brooke E. O'Neill. (Mar/April 2008). *University of Chicago Magazine*, 100(4), 28-30. <http://magazine.uchicago.edu/0834/investigations/teenagers.shtml>

Jacobson wins \$1.5 million NIH Innovator Award. (December 2007). *APA Monitor*, 38(11). <http://www.apa.org/monitor/dec07/people.html>

NIH grants \$8 million to U of C scientists, by Michael Lipkin. (October 5, 2007). *Chicago Maroon*. http://www.chicagomaroon.com/online_edition/news/2007/10/05/nih-grants-8-million-to-u-of-c-scientists/

Four young scientists to receive \$8 million, by Steve Koppes and Scot Roskelley. (September 20 2007). *The University of Chicago Chronicle*, 27(1). <http://chronicle.uchicago.edu/070920/nihresearchgrant.shtml>

Service:

Service in National & International Organizations:

Invited Participant, *Designing the Future: Innovations in Knowledge Dissemination for Psychological Science*, American Psychological Association 2008 Science Leadership Conference. Tempe, AZ, September 2008.

Invited Participant, *Enhancing the Nation's Health through Psychological Sciences*, American Psychological Association 2009 Science Leadership Conference. Washington, DC, November 2009

Invited Breakout Group Leader, *Gene-Environment Interplay in Common Complex Diseases: Forging an Integrative Model*, NIH Genes, Environment and Health Initiative (GEI) workshop. Washington, D.C., January 2010

Invited Member, *Social Environment Working Group*, NIH (NHGRI/OBSSR) Phenotypes and Exposures Project (PhenX), 2010

Invited Participant, *Behavior Workshop*, NIH/NICHD Vision Project. Washington, D.C., February 2011

Invited Member, *Abstract Review Committee*, 2012 meeting of the Society for Research on Child Development, 2012

Invited Participant, *Forward Focus Workshop: Strategic Planning for the NIH Common Fund*, NIH workshop. Chicago, IL, May 2012

Invited Participant, *Nature AND Nurture: How genes and environments interact*. NIH/NICHD workshop. Washington, D.C., March 2013

Organizer & Local Host, Annual conference for the *International Society for Anthrozoology (ISAZ)*, Chicago, IL, July 2013

Elected Board Member, *International Society for Anthrozoology (ISAZ)*, 2013-present

Grant Review Activities:

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

Member, NIH. Special Emphasis Panel. *Behavior Genetics and Epidemiology Studies (BGES) Study Section, Behavioral Genetics and Psychiatric Disorders*, 2004

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

Site Reviewer, NICHD. *Adolescent Health Project*, University of North Carolina, 2004

Member, NHGRI. Special Emphasis Panel, *ELSI-1*, 2005

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

Temporary Member, NIH. *Behavioral Genetics and Epidemiology (BGES) Study Section*, October, 2005; February 2006; June 2006

Member, NIH. Special Emphasis Panel. *Behavior Genetics and Epidemiology (BGES) Study Section, Member Conflict Review*, November 2005

Ad Hoc Reviewer, NIH. Fellowship Panel Review. *Risk, Prevention, & Health Behavior*, March 2006; November 2006

Ad Hoc Reviewer, NIH. Social Psychology, Personality and Interpersonal Processes Study Section. *Risk, Prevention, and Health Behavior*, October 2006

Member, NIH. Special Emphasis Panel. *RFA for Mind-Body Interaction*. March 2007

Member, NIH. Special Emphasis Panel. *Linking Environments, Behaviors & HIV/AIDS*. May 2007

Ad Hoc Reviewer, NSF. Special Competition, *Human and Social Dynamics*, July 2007

Panel Member, NSF. *Human and Social Dynamics*, May 2008

Member, NIH. Special Emphasis Panel. *Challenge Grant Review*, Population Science & Epidemiology IRG. June 2009

Member, NIDA. Special Emphasis Panel. *RFA to Support Opportunities for Addiction Research (SOAR)*. June 2009

Member, NIDA. Special Emphasis Panel. *RFA for Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data*. Population Science & Epidemiology IRG, June 2010

Member, NIH. Special Emphasis Panel. *Member Conflict Review*, Population Science & Epidemiology IRG, June 2010

Ad Hoc Reviewer, NSF. *Cognitive Neuroscience Program*, October 2010 (services not needed)

Member, NIDA. Special Emphasis Panel. *PAR for prevention and treatment of substance abuse*, February 2011

Member, NIH. Special Emphasis Panel. *Basic Behavioral and Social Science Opportunity Network*, June 2011

Mail Reviewer, NIH. *Social Sciences and Population Studies (SSPS) Study Section*. September 2011

Member, NIH. Special Emphasis Panel. *Member Conflict Review*. Population Sciences & Epidemiology IRG, February 2012

Mail Reviewer, NSF. *Fellowship Review*, February 2012

Member, NIH. Special Emphasis Panel. *Member Conflict Review: Child Psychopathology and Developmental Disabilities (CPDD)*, March 2012

Member, NIH. Special Emphasis Panel. *Accelerating the Pace of Drug Abuse Research Using Existing Epidemiology, Prevention, and Treatment Research Data*. Population Science & Epidemiology IRG, June 2012; February 2013

Temporary Member, NIH. *Child Psychopathology and Developmental Disabilities (CPDD)* Study Section, October 2012

Member, NIH. *Behavioral Neuroscience Fellowship Panel (F02a)*. November 2012

Ad Hoc Reviewer, University of Chicago CTSA/Institute for Translational Medicine, Internal Scientific Advisory Panel, *Pilot Projects in Translational and Clinical Studies*, January 2014

Member, NIH, Special Emphasis Panel. *Member Conflict: Behavioral Genetics & Ethical Issues in Research*. Population Science & Epidemiology IRG, March 2014

Editorial Activities:

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

Editor, Special issue, "Pathways between genes, brain, and behavior," *Behavior Genetics*, Volume 40(2), March 2010

Associate Editor, *Behavior Genetics*, 2010-present

Associate Editor, *Frontiers in Behavioral and Psychiatric Genetics*, 2011-present

Editorial Advisory Board, *Human-Animal Interaction Bulletin*, 2011-2012

Action Editor, *Human-Animal Interaction Bulletin* (American Psychological Association, Division 17 online journal), 2013-present

Journal Review Activities:

Archives of General Psychiatry (2003-present); Behavior Genetics (2001-present); British Journal of Psychiatry, (2001-present); Current Directions in Psychology (2012-present); Human-Animal Interaction Bulletin (2012-present); Journal of Abnormal Psychology (2006-present); Journal of Adolescence (2005-present); Journal of the American Academy of Child & Adolescent Psychiatry (2007-present); Journal of Consulting & Clinical Psychology (2003); Journal of Criminal Justice (2007-present); Journal of Drug and Alcohol Dependence (2000-present); Journal of Marriage and the Family (1998-2006); Journal of Research on Adolescence (2001-present); Neuropsychiatric Genetics (2008-present); Personality & Individual Differences (2007-present); PNAS (2007-present); Psychological Assessment (2006-present); Psychological Medicine (1999-present); Psychopharmacology (2010-present); Psychophysiology (2006-present); Social Sciences Quarterly (2011-present); Twin Research & Human Genetics (2001-present)

Membership in Professional Associations:

Member, American Psychopathological Association (APPA)

Member, American Psychological Association (APA)

Member, Association for Psychological Science (APS)

Member, Behavior Genetics Association (BGA)

Member, Society for Research on Adolescence (SRA)
Member, Society for Research on Child Development (SRCD)
Member, International Society for Psychiatric Genetics (ISPG)
Member, International Society for Twin Studies (ISTS)
Member, International Society for Anthrozoology (ISAZ)

University / Departmental Committees:

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
Member, Aggression/Anger Task Force, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2007-2008
Member, Search Committee for Addiction Psychiatrist, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2011
Member, Diversity Committee, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2012
Member, Departmental Committee on Appointments & Promotions, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2012-present
Member, University Committee on Reappointment of Assistant Professors (COROAP), Biological Sciences Division, University of Chicago, 2013-present
Member, Strategic Planning Committees (Research & Education), Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2013-present
Member, Diversity & Inclusion Committee, Inclusion Strategic Planning Subcommittee, Biological Sciences Division, University of Chicago, 2013
Member, Campus Planning Committee, University of Chicago, 2013-present

Activities in Volunteer & Community Organizations:

Volunteer, Cornell Infant Daycare Center, 1987-1992
Volunteer Alumni Interviewer, Cornell Alumni Admissions Ambassador Network, 2001-2005
Volunteer Treasurer and Board Member, South Chicago Art Center, a nonprofit, community-based center for underprivileged children in the South Side of Chicago, 2008-2011
Volunteer, *School of Rock*, benefit for San Miguel Schools in Chicago, 2009
Congressional Lobbyist, on behalf of the American Psychological Association, 2009
Member, Cornell Alumni Association
Member, Penn State Alumni Association
Member, The Art Institute of Chicago
Member, The Museum of Science and Industry
Member, The Chicago Architecture Foundation

Teaching:

Courses and Lectures:

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
Co-Director, *Research Training in Psychiatry*, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, Fall, Winter, Spring, 2006-2009, Spring, 2010
Lecturer, *Multidisciplinary Approaches to Psychiatric and Behavioral Genetic Research*, Department of Psychiatry (PSCR-46900), University of Chicago, Winter 2007, 2012
Director, *Multidisciplinary Approaches to Psychiatric and Behavioral Genetic Research*, Department of Psychiatry (PSCR-46900), University of Chicago, Winter, Spring, 2009
Lecturer, *Human Behavior in Health and Illness*, Department of Psychiatry (Medical student course #305), University of Chicago, Fall, 2012
Director, *Research Training in Psychiatry*, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, 2010-present

Research Mentorship Experience:

Postdoctoral Trainees

Amir Khan, MD. Department of Psychiatry, Virginia Commonwealth University. Co-Supervisor, 2001-2003
Kevin Bolinskey, PhD. Department of Psychiatry, Virginia Commonwealth University. Co-Supervisor, 2002-2004
Cheryl Beseler, PhD. Postdoctoral Research Associate. Department of Psychiatry, University of California, San Diego. Co-Supervisor, 2005
Catherine Tuvblad, PhD. Postdoctoral Research Associate. Department of Psychology, University of Southern California. Co-Supervisor, 2007-2010
Michelle (Fung) Yeh, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2007-2010
Leah Doane, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2008-2009
Terrie Vasilopoulos, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2009-2013
Pan Chen, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2009-present

Christy Hoffman, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2010-2012
Henk Cremers, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Co-Supervisor, 2012-present

Psychiatry Residents

Michael Marcangelo, MD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Methodological Supervisor for PGY4 Research Project, 2006
Sandra Davila-Rodriguez, MD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Primary Supervisor for PGY4 Research Project, 2007-2008
Elena Tuskenis, MD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Primary Supervisor for PGY4 Research Project, 2011-2012

Graduate Student Trainees

Jaime Doerflet, M.F.A, candidate, English, Virginia Commonwealth University. External Committee Member, 2001-2003
Arpana Agrawal, Ph.D. candidate, Human Genetics, Virginia Commonwealth University. Committee Member, 2001-2004
Jessica Bar, Ph.D. candidate, Psychology, Boston University. External Committee Member, 2002-2003
Nikolai Czajkowski, visiting PhD student from the University of Oslo, Norway. Psychiatry, Virginia Commonwealth University, 2005
Nicolas Martin, Ph.D. candidate, School of Psychology, University of Queensland, Brisbane, Australia. External Committee Member, 2012
Yan Wang, Ph.D. candidate, Committee on Neurobiology, University of Chicago. Lab Rotation Supervisor, 2013

Post-Graduate Supervision

Jing Pan, M.S., Research Assistant, CNPRU, Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2006-2008
Crystal Johnson, M.S., Research Assistant, CNPRU, Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2011-2012
Colleen Albrecht, MSW. Research Assistant, CNPRU, Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2012

Medical Student Supervision

Summer Research Program, University of Chicago. Cluster Group Leader, 2011

Undergraduate Supervision

Tania Spezza, Department of Biology, University of Chicago, 2012

Research Grants:

Current:

NIH/NICHD R03 HD070679 *Long-term benefits of child dog ownership: Effects on stress and social behavior*
(K. Jacobson, PI)
\$100,000 total direct costs 01/01/12-12/31/14*
Role: Principal Investigator 10%
*Currently in one-year no-cost extension

NIH/NIA R01 AG018386 *VETSA 2: A longitudinal twin study of cognitive aging*
(W. Kremen, PI)
\$325,533 subcontract total direct costs 09/15/08-08/31/14*
Role: Principal Investigator of subcontract 14%
*Currently in one-year no-cost extension

NIH/NIMH R01 MH080109 *Understanding the pathways to aggression*
(E. Coccaro, PI)
\$2,163,593 total direct costs 04/16/08-03/31/14
Role: Co-Investigator (extended through 1-year NCE) 30%

University of Chicago CTSA-ITM *Core Subsidy Award*
(K. Jacobson, PI) 09/01/12-05/31/14
\$5,000 total direct costs n/a
Role: Principal Investigator

Pending:

NIH/OD DP1 OD19431 *Oxytocin and socioemotional functioning: An ecological approach*
(K. Jacobson, PI)
\$2,500,000 total direct costs 09/01/14-07/31/19
Role: Principal Investigator
Pending review

Completed:

NIH/NICHD R03 HD066598 *They Call it Puppy Love: Epidemiology and biology of the child-dog bond*
(K. Jacobson, PI)
\$98,000 total direct costs 07/01/10-06/30/13
Role: Principal Investigator

NIH/OD DP2 OD003021 *From Neighborhoods to Neurons and Beyond*
(K. Jacobson, PI)
\$1,500,000 total direct costs 09/30/07-08/31/12
Role: Principal Investigator

Brain Research Foundation Seed Grant: *A Pilot Study of genetic and environmental influences on amygdala and dorsal anterior cingulate cortex activation: A Twin Study of fMRI*

(K. Jacobson, PI)
\$25,000 total direct costs 06/01/07-05/31/08
Role: Principal Investigator

NIH/NIA R01 AG022982 *VETSA longitudinal twin study of cortisol and aging*
(W. Kremen, PI)
\$114,620 total direct costs for 2-year subcontract 09/30/06-06/30/09
Role: Principal Investigator of subcontract (extended through 1-year NCE)

NIH/NIMH R01 MH058354 *Development of conduct problems: Genetic and environmental interface*
(L. Baker, PI)
\$98,178 subcontract total direct costs 01/05/06-06/30/11
Role: Principal Investigator of subcontract

NIH/NIDA R01 DA011287 *Competitive renewal for a Twin-Family Study of drug use, abuse, and dependence*
(K. Kendler)
\$600,000 total direct costs 06/01/05-05/31/08
Role: Co-Investigator

NIH/NIDA R01 DA018662 *Alternate phenotypes of substance abuse*
(M. Tsuang, PI)
\$500,000 total direct costs 09/15/04-06/30/08
Role: Consultant

NIH/NIMH R01 MH068643 *Axis I and Axis II psychiatric disorders in Norwegian Twins*
(K. Kendler, PI)
\$1,500,338 total direct costs 05/18/04-04/30/08
Role: Co-Investigator

NIH/NIMH K01 MH068484 *Genetics of vulnerability to antisocial behavior*
(K. Jacobson, PI)
\$319,239 total direct costs 09/15/03-08/31/07
Role: Principal Investigator (extended through 1-year NCE)

NIH/NIMH R01 MH065320 *Candidate genes in models of mental health*
(E van den Oord, PI)
\$675,000 total direct costs 12/01/02-11/30/05
Role: Co-Investigator

National Alliance for Research on Schizophrenia & Affective Disorders (NARSAD) Young Investigator Award (K. Jacobson, PI) \$52,350 total direct costs <u>Role: Principal Investigator</u>	<i>Understanding influences on comorbidity between antisocial behavior and major depressive disorder</i> 07/01/02-06/30/04
NIH/NIMH R01 MH49492 (K. Kendler, PI) \$1,000,000 total direct costs <u>Role: Co-Investigator</u>	<i>The epidemiology of mood, anxiety, and alcohol disorders</i> 12/01/01-11/30/06
NIH/NIMH R01 MH49716 (K. Nuechterlein, PI) \$2,036,100 total direct costs <u>Role: Biostatistician</u>	<i>Transmission of vulnerability factors for schizophrenia</i> 12/01/01-11/30/06
NIH/NIDA K12 DA1414041 (R. Pickens, PI) 75% salary support + \$5,500 annually <u>Role: Fellow</u> (Ended 08/31/03 due to receipt of K01 award)	<i>Interdisciplinary Women's Health Research Scholars Program</i> 09/01/01-08/31/06

Publications:

Peer-Reviewed Articles in Print or E-pub:

(*indicates publications by trainees)

1. Spelke, E.S., Breinlinger, K., Macomber, J., & **Jacobson, K.** (1992). Origins of knowledge. *Psychological Review*, *99*, 605-632.
2. Spelke, E.S., Breinlinger, K., **Jacobson, K.**, & Phillips, A. (1993). Gestalt relations and object perception: A developmental study. *Perception*, *22*, 1483-1501.
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 perspective. *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 the genetic and environmental influences on the development of antisocial behavior. *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 diagnoses: 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.
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85. *Chen, P., Voisin, D.R., & **Jacobson, K.C.** (in press). Community violence exposure and adolescent delinquency: Examining a spectrum of promotive factors. *Youth & Society*, e-pub available February 6, 2013.
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Manuscripts Accepted for Publication:

1. Franz, C.E., Lyons, M.J., Spoon, K.M., Hauger, R.L., **Jacobson, K.C.**, Lohr, J.B., McKenzie, R., Panizzon, M.S., Thompson, W.K., Tsuang, M.T., *Vasilopoulos, T., Vuoksimaa, E., Xian, H., & Kremen, W.S. (accepted February 2014). A 25 year longitudinal study of post-traumatic stress disorder symptoms and adult attachment in middle aged men. *American Journal of Geriatric Psychiatry*.
2. Kremen, W.S., Panizzon, M.S., Franz, C.E., Spoon, K.M., Vuoksimaa, E., **Jacobson, K.C.**, *Vasilopoulos, T., Xian, H., McCaffrey, J.M., Rana, B.K., Toomey, R., McKenzie, R., & Lyons, M.J. (accepted September 2013). Genetic complexity of episodic memory: A twin study approach to studies of aging. *Psychology & Aging*.
3. Panizzon, M.S., Vuoksimaa, E., Spoon, K.M., **Jacobson, K.C.**, Lyons, M.J., Franz, C.E., Xian, H., *Vasilopoulos, T., & Kremen, W.S. (accepted January 2014). Genetic and environmental influences on general cognitive ability: Is g a valid latent construct? *Intelligence*.
4. Rana, B.K., Dhamija, A., Panizzon, M.S., Spoon K.M., *Vasilopoulos, T., Franz, C.E., Grant, M.D., **Jacobson, K.C.**, Kim, K., Lyons, M.J., McCaffery, J.M., Stein, P.K., Xian, H., O'Connor, D.T., & Kremen, W.S. (accepted December 2013). Imputing observed BP for antihypertensive treatment: Impact on population and genetic analyses. *American Journal of Hypertension*.

Manuscripts in Review:

1. *Chen, P., & **Jacobson, K.C.** (revise & resubmit November 2013). Minority youth are less susceptible than non-minority youth to risk factors for delinquency and depressed mood. *Journal of Racial and Ethnic Health Disparities*.
2. *Chen, P., & **Jacobson, K.C.** (submitted September 2013). Emotion recognition relates to depression symptoms in male but not female adolescents. *Journal of Adolescent Health*.
3. Jak, A.J., Panizzon, M.S., Spoon, K.M., Fennema-Notestine, C., Franz, C.E., Thompson, W.K., **Jacobson, K.C.**, Xian, H., Eyler, L.T., Toomey, R., Lyons, M.J., Neale, M.C., Fischl, B., Tsuang, M.T., Dale, A.M., & Kremen, W.S. (submitted August 2013).

Hippocampal atrophy varies by neuropsychological definition of MCI in men in their 50s. *American Journal of Geriatric Psychiatry*.

4. *Vasilopoulos, T., Grant, M.D., Franz, C.E., Panizzon, M.S., Xian, H., Toomey, R., Lyons, M.J., Kremen^a, W.S., & **Jacobson^a, K.C.** (submitted February 2014). Individual differences in cognitive ability at age 20 predict pulmonary function 35 years later. (^ajoint senior authors). *Journal of Epidemiology & Community Health*.

Manuscripts in Preparation:

1. *Albrecht, C., *Hoffman, C. & **Jacobson, K.C.** Child temperament and attitudes and attachment towards pets: Gender differences.
2. *Hoffman, C. & **Jacobson, K.C.** Benefits of human-animal interaction: A growing area of research in psychology.
3. **Jacobson, K.C.**, & *Chen, P. Exposure to community violence is associated with individual differences in temporal discounting in youth aged 10-18.
4. **Jacobson, K.C.**, *Chen, P., *Pan, J., & Coccaro, E.F. Genetic and environmental influences on relationships between social information processing and neuroticism. *Psychological Medicine*.
5. **Jacobson, K.C.**, *Chen, P., *Hoffman, C.L., Lee, R., Norman, G., & Carter, C.S. Basal oxytocin as moderator of youth sensitivity to peer deviance.
6. **Jacobson, K.C.**, *Cremers, H., *Hoffman, C.L., Keedy, S., Lee, R., McCarron, R., Serpell, J., Yoder, K., & Decety, J. Does the brain perceive pets as family members?
7. **Jacobson, K.C.**, & *Hoffman, C.L. Associations between pet ownership and attitudes towards pets with youth socio-emotional well-being.
8. **Jacobson, K.C.**, *Hoffman, C.L., & Carter, C.S. Brief interactions with therapy dogs reduce cortisol response to stress.
9. **Jacobson, K.C.**, & *Vasilopoulos, T. Developmental changes from adolescence to young adulthood in moderating effects of parental education on heritability of vocabulary IQ. *Psychological Science*.
10. Lee^a, R., **Jacobson^a, K.C.**, *Fanning, J., *Marcangelo, M., Flores, N., *Chen, P., & Coccaro, E.F. Genetic and environmental covariance on retrospective reports of child abuse and neglect. (^ajoint 1st authors).
11. *Tuskenis, E., *Chen, P., & **Jacobson, K.C.** Gender and racial/ethnic differences in the protective effects of neighborhood cohesion on adolescent delinquency and depressed mood.
12. *Vasilopoulos, T., Grant, M.D., Franz, C.E., Panizzon, M.S., Xian, H., Toomey, R., Lyons, M.J., Kremen^a, W.S., & **Jacobson^a, K.C.** Joint effect of lung function and APOE e4 allele on memory. (^ajoint senior authors).

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 (3rd 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: Brückenschläge zwischen forschung und praxis*. Göttingen, Germany: Hogrefe.
5. **Jacobson, K.C.** (2005). The genetic basis of substance use and abuse. In R. Stohler & W. Rossler (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* (pp. 197-232). Washington, DC: American Psychiatric Press, Incorporated.
7. **Jacobson, K.C.** (forthcoming). Effects of pets on youth outcomes: Socioemotional adjustment, antisocial behavior, and emotion recognition. Chapter to appear in L. Freund, S. McCune, L. Esposito, & J. Griffin (Eds.). *Social neuroscience of human-animal interactions*. Taylor Francis Publishers.

Published Books and Manuals:

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 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.

Other Invited Non-Peer Reviewed 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. **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.
3. Rodgers, J., **Jacobson, K.C.**, & van den Oord, E.E.J.G. (2003). Obituary: David C. Rowe. *Behavior Genetics*, 33, 627-628.
4. **Jacobson, K.C.** (April, 2009). Considering interactions between genes, environment, biology, and social context. Invited essay for the *Psychological Science Agenda*, monthly newsletter for the American Psychological Association.

<http://www.apa.org/science/about/psa/2009/04/sci-brief.aspx>

5. Kremen, W.S. & **Jacobson, K.C.** (2010). Introduction to the special issue on Pathways between Genes, Brain, and Behavior. *Behavior Genetics*, 40, 111-113.
6. Cleveland, H.H.C., Rodgers, J., & **Jacobson, K.C.** (2014). David Christian Rowe. In J.M. Miller (Ed). *Encyclopedia of Theoretical Criminology*. Hoboken, NJ: Wiley-Blackwell.

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. Nuechterlein, K.H., Asarnow, R.F., **Jacobson, K.C.**, Subotnik, K.L., Neale, M.C., Fogelson, D.L., & Kendler, K.S. (2001). Neurocognitive vulnerability factors in 1st degree relatives of schizophrenic probands show accelerated aging effects. *Schizophrenia Research*, 49, 117.
8. 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.
9. **Jacobson, K.C.** (2002). The role of puberty in the development of antisocial behavior. *Behavior Genetics*, 32, 471.
10. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.F., Subotnik, K.L., Payne, D.L., **Jacobson, K.C.**, Neale, M.C., & Kendler, K.S. (2003). Avoidant Personality Disorder increases the detection of 1st degree relatives affected by a schizophrenia spectrum diagnosis. *Schizophrenia Research*, 60, 80-81.
11. **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.
12. Kremen, W.S., Lyons, M., **Jacobson, K.**, Xian, H., Eisen, S., Waterman, B., Toomey, R., Neale, N., & Tsuang, M. (2003). Genetic and environmental influences on reading ability in 339 middle-aged male twin pairs. *Gerontologist*, 43, 556-557.
13. Baker, L.A, Raine, A., & **Jacobson, K.C.** (2004). Genetic and environmental bases of pre-adolescent antisocial behavior: A multi-trait multi-informant twin study. *Behavior Genetics*, 34, 632.

14. Bezdjian, S., Baker, L.A., **Jacobson, K.**, & Raine, A. (2005). Assessing executive function and antisocial behavior in children: A twin study. *Behavior Genetics*, *35*, 794.
15. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.A., Subotnik, K.L., Payne, D.L., **Jacobson, K.C.**, Neale, M.C., & Kendler, K.S. (2005). Avoidant personality disorder in relatives of patients with schizophrenia: A separable schizophrenia spectrum disorder. *Schizophrenia Bulletin*, *31*, 268.
16. Franz, C., Grant, M., **Jacobson, K.**, Xian, H., Tsuang, M., Kremen, W., Eisen, S., & Lyons, M. (2005). Changes in body mass index from adolescence to middle-age in male twins: The role of genes and environments. *Gerontologist*, *45*, 251.
17. Franz, C.E., **Jacobson, K.C.**, Grant, M., Xian, H., Tsuang, M.T., Kremen, W.S., Eisen, S. & Lyons, M.J. (2005). Smoking decreases genetic variance in Body Mass Index among middle-aged male twins. *Behavior Genetics*, *35*, 800.
18. Kremen, W.S., **Jacobson, K.C.**, Xian, H., Nowack, J.A., Taylor, R.M., Eisen, S.A., Tsuang, M.T. & Lyons, M.J. (2005). The genetics of planning ability: A twin study of middle-aged men. *Behavior Genetics*, *35*, 809.
19. Kremen, W., **Jacobson, K.**, Xian, H., Taylor, R., Nowack, J., Eisen, S., Tsuang, M. & Lyons, M. (2005). Genetic structure of planning ability in midlife: A twin study of the Tower of London task. *Gerontologist*, *45*, 250.
20. **Jacobson, K.C.**, Baker, L.A., Zumberge, A., Lozano, D.L., & Raine, A. (2005). Genetic mediation of the relationship between arousal and antisocial behavior in pre-adolescent twins. *Behavior Genetics*, *35*, 832-833.
21. **Jacobson, K.**, Franz, C., Xian, H., Tsuang, M., Kremen, W., Eisen, S., & Lyons, M. (2005). Smoking decreases genetic variance in body mass index among middle-aged male twins. *Gerontologist*, *45*, 250-251.
22. Gillespie, N.A., Neale, M.C., Prescott, C.A., **Jacobson, K.**, & Kendler, K.S. (2006). Is risk for marijuana initiation, abuse and dependence mediated by individual differences in substance availability and peer group deviance? *Behavior Genetics*, *36*, 966.
23. **Jacobson, K.C.** (2006). Bridging the gap between genotype and phenotype: Endophenotypes in twin studies. *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics*, *141B*, 717.
24. Kremen, W.S., **Jacobson, K.**, Xian, H., Eisen, S., Eaves, L., Tsuang, M., & Lyons, M. (2006). Identifying useful endophenotypes for schizophrenia: Integrating cognitive psychology and twin methodologies. *American Journal of Medical Genetics, Part B: Neuropsychiatric Genetics*, *141B*, 705.
25. **Jacobson, K.C.**, Phan, K.L., Angstadt, M., & Coccaro, E.C. (2007). Genetic influence on amygdala reactivity to emotional stimuli. *Behavior Genetics*, *37*, 765-766.
26. **Jacobson, K.C.**, & Kremen, W.S. (2007). Genetic influence on brain structure and function. *Behavior Genetics*, *37*, 765.
27. Franz, C.E., Prom-Wormley, E., Mendoza, S., York, T., Eaves, L., **Jacobson, K.**, Lyons, M., & Kremen, W. (2008). The role of genetic and environment in diurnal regulation and responsivity of cortisol in middle-aged male twins. *Gerontologist*, *48*, 676-677.
28. Franz, C.E., York, T., Eaves, L., Eisen, S.A., **Jacobson, K.**, Lyons, M.J., Panizzon, M., & Kremen, W.S. (2008). Elucidating genetic and environmental influences on adult attachment style, anxiety, and depression in middle-aged men. *Behavior Genetics*, *38*, 627.
29. *Fung, M.T., Coccaro, E.F., & **Jacobson, K.C.** (2008). Multivariate behavioral genetic analysis of the Lifetime History of Aggression questionnaire. *Behavior Genetics*, *38*, 627.

30. Kremen, W.S., Panizzon, M.S., Fennema-Notestine, C., Eyler, L.T., **Jacobson, K.C.**, Neale, M.C., Franz, C.E., Xian, H., Eisen, S.A., Fischl, B., Seidman, L.J., Makris, N., Tsuang, M.T., & Dale, A.M. (2008). A twin study of APOE genotype and regional cortical thickness in middle age. *Behavior Genetics*, *38*, 633-634.
31. Kremen, W., Panizzon, M., Fennema-Notestine, C., **Jacobson, K.**, Xian, H., Franz, C., Lyons, M., & Dale, A. (2008). APOE genotype is associated with prefrontal cortical thinning prior to dementia or mild cognitive impairment: A twin study. *Gerontologist*, *48*, 343-344.
32. Panizzon, M.S., Fennema-Notestine, C., Eyler, L.T., Prom-Wormley, E., Neale, M., **Jacobson, K.**, Lyons, M.J., Franz, C.E., Fischl, B., Seidman, L.J., Dale, A., & Kremen, W.S. (2008). Is cortical volume the correct phenotype for studying the aging brain? *Behavior Genetics*, *38*, 642-643.
33. Panizzon, M.S., Lyons, M., Franz, C., **Jacobson, K.**, Grant, M., Xian, H., & Kremen, W. (2008). Impact of the APOE genotype on verbal learning and memory in middle age. *Gerontologist*, *48*, 676.
34. Prom-Wormley, E., Franz, C.E., Mendoza, S., York, T., Eaves, L., Eisen, S., **Jacobson, K.**, Levine, S., Lyons, M.J., & Kremen, W.S. (2008). Diurnal regulation and responsivity of cortisol levels: Evidence for two different genetic factors. *Behavior Genetics*, *38*, 644.
35. *Doane L.D., Franz C., Prom-Wormley E., Eaves L.J., Mendoza S., Xian H., Lyons M.J., Kremen W.S., & **Jacobson K.** (2009). Alterations in basal cortisol activity as a marker of the genetic susceptibility of negative mood and depression. *Behavior Genetics*, *39*, 646.
36. Fogelson, D.L., Nuechterlein, K.H., Asarnow, R.A., Subotnik, K.L., Kendler, K.S., Neale, M., **Jacobson, K.C.**, & Sugar, C.S. (2009). Avoidant personality disorder symptoms in 1st degree relatives of schizophrenics predict performance on neurocognitive measures: The UCLA family study. *Schizophrenia Bulletin*, *35*, 327.
37. Panizzon M., Dale A., Eaves L., Eisen S., Fennema-Notestine C., Franz C., Grant M., Hauger R., Hellhammer D., Jacobson K., Lupien S., Lyons M., Mendoza S., Neale M., Prom-Wormley E., & Kremen W. (2009). Moderating effects of testosterone on the genetic and environmental components of hippocampal volume. *Behavior Genetics*, *39*, 674-675.
38. *Yeh MT, Baker LA, Raine A, & **Jacobson, K.C.** (2009). Determining the genetic and environmental architecture of parental monitoring and child externalizing behavior. *Behavior Genetics*, *39*, 693.
39. *Chen, P., Coccaro, E.F., Lee, R., & **Jacobson, K.C.** (2011). Moderating effects of childhood trauma on relationships between social information processing and adult aggression, *Comprehensive Psychiatry*, *52*, e3-e4.
40. *Chen, P., *Vasilopoulos, T., Lee, R., Coccaro, E., & **Jacobson, K.** (2011). Childhood maltreatment moderates heritability of aggression in adults. *Behavior Genetics*, *41*, 896-897.
41. Franz, C., Panizzon, M., Eaves, L., Grant, M., **Jacobson, K.**, Lyons, M., Thompson, W., Tsuang, M., Xian, H., & Kremen, W. (2011). What makes you happy? Exploring the genetic and environmental dimensionality of well- and ill-being. *Behavior Genetics*, *41*, 907.
42. Grant, M., Kremen, W., Franz, C., Panizzon, M., McKenzie, R., Rose, M., *Vasilopoulos, T., **Jacobson, K.**, Toomey, R., Xian, H., & Lyons, M. (2011). Assessing physical function in a middle-aged twin cohort. *Behavior Genetics*, *41*, 944.

43. **Jacobson, K.**, *Hoffman, C., *Vasilopoulos, T., Lyons, M., Kremen, W., & Franz, C. (2011). Family influences on attitudes and relationships towards pets. *Behavior Genetics, 41*, 914.
44. McCaffery, J.M., Franz, C.E., **Jacobson, K.**, Leahey, T.M., Xian, H., Wing, R.R., Lyons, M.J., & Kremen, W.S. (2011) Twenty-one year weight change in Vietnam-era twins: Effects of genetics and frequency of contact. *Behavior Genetics, 41*, 923.
45. Panizzon, M.S., Franz, C.E., Hauger, R.L., Mendoza, S.P., **Jacobson, K.C.**, Xian, H., Lyons, M., & Kremen, W. (2011). Contrasting effects of testosterone and cortisol on cognitive functioning in middle-aged men. *Gerontologist, 51*, 265.
46. Panizzon, M., Xian, H., Dale, A., Eaves, L., Fennema-Notestine, C., Franz, C., Grant, M., Hauger, R., **Jacobson, K.**, Lyons, M., Mendoza, S., Neale, M., & Kremen, W. (2011). Effects of cortisol and testosterone on the genetic and environmental determinants of hippocampal volume. *Behavior Genetics, 41*, 930-931.
47. Rana, B., Panizzon, M., Dhamija, A., *Vasilopoulos, T., **Jacobson, K.**, Franz, C., Lyons, M., & Kremen, W. (2011). Does accounting for antihypertensive medication alter the heritability of blood pressure? *Behavior Genetics, 41*, 932-933.
48. *Vasilopoulos, T., Kremen, K., Kim, K., Panizzon, M., Stein, P., Xian, H., Grant, M., Lyons, M., Toomey, R. Eaves, L., Franz, C., & **Jacobson, K.** Untreated hypertension decreases heritability of cognition in late middle age. (2011). *Behavior Genetics, 41*, 939.
49. *Vasilopoulos, T., Kremen, W.S., Panizzon, M.S., Kian, H., Grant, M., Lyons, M., Franz, C.E., & **Jacobson, K.C.** (2011). Health and lifestyle factors moderate genetic influences underlying cognitive and physical function. *Gerontologist, 51*, 522.
50. **Jacobson, K.C.**, & *Vasilopoulos, T. (2012). Developmental changes in moderating effects of parental education on individual differences in vocabulary IQ from adolescence to young adulthood. *Behavior Genetics, 42*, 941.
51. Kremen, W.S., Panizzon, M.S., Spoon, K.M., Franz, C.E., Jak, A., Thompson, W.T., **Jacobson, K.C.**, & Lyons, M.J. (2012). A 5-year follow-up of mild cognitive impairment initially assessed at age 55. *Gerontologist, 52*, 60.
52. Panizzon, M.S., Hauger, R.L., Franz, C.E., **Jacobson, K.C.**, Grant, M., Mendoza, S.P., Lyons, M.J., & Kremen, W.S. (2012). Impact of testosterone on the middle-aged central nervous system: Effects on cognition and brain structure. *Gerontologist, 52*, 406.
53. *Vasilopoulos, T., Franz, C., Panizzon, M., Xian, H., Toomey, R., Grant, M., Lyons, M., Kremen, W., & **Jacobson, K.** (2012). Present socioeconomic status moderates non-shared environmental influences on general cognitive ability in late middle age. *Behavior Genetics, 42*, 974.
54. *Vasilopoulos, T., Grant, M.D., Franz, C.E., Panizzon, M.S., Xian, H., Lyons, M.J., Kremen, W.S., & **Jacobson, K.C.** (2012). Cognition in young adulthood significantly predicts pulmonary function in late middle age. *Gerontologist, 52*, 159.

Professional Presentations:

Invited Local, National, and International Seminars and Symposia:

- 2014 *Effects of pets on biology, brain, and well-being*. Invited presentation, Brain Research Foundation, Chicago, IL. Host: Terre Constantine.
- 2013 *David C. Rowe: the scientist and the man*. Invited presentation, annual meeting of the Behavior Genetics Association, Marseille, France. Organizer: Eric Turkheimer.
- 2013 *Challenges in conducting research on Human-Animal Interactions (HAI)*. Invited presentation, NIH/Mars-WALTHAM® Research Consortium meeting, Chicago, IL. Organizers: Sandra McCune, PhD & Layla Esposito, PhD.
- 2013 *Using twin studies to test GxE interactions on cognitive outcomes*. Invited speaker, NICHD-sponsored workshop, *Nature AND Nurture: How genes and environments interact*. Washington, DC. Organizers: Rosalind King, PhD, & Layla Esposito, PhD.
- 2013 *Research on human animal interaction and youth socioemotional development*. Symposium Chair, biennial meeting of the Society for Research on Child Development, Seattle, WA.
- 2013 *Individual differences in youth sensitivity to social environment*. Invited speaker, Colloquium Series, Department of Comparative Human Development, University of Chicago. Host: Eugene Raikhel, PhD.
- 2012 *Establishing a taxonomy of alcohol-related environmental exposures on alcohol use and its consequences*. Invited speaker (declined), NIAAA-sponsored workshop, Washington, DC. Organizer: Marcia Scott, PhD.
- 2012 *They call it Puppy Love: Epidemiology and biology of the child-dog bond*. Invited presentation, NIH/Mars-WALTHAM® Research Consortium meeting, WALTHAM® Centre for Pet Nutrition, Leicestershire County, UK. Organizer: Sandra McCune, PhD.
- 2012 *Long-term benefits of pet ownership: Effects on stress and social behavior*. Invited presentation, NIH/Mars-WALTHAM® Research Consortium meeting, WALTHAM® Centre for Pet Nutrition, Leicestershire County, UK. Organizer: Sandra McCune, PhD.
- 2012 *Developmental changes in moderating effects of parental education on individual differences in vocabulary IQ from adolescence to young adulthood*. Invited symposium speaker, annual meeting of the Behavior Genetics Association, Edinburgh, Scotland. Organizer: Elliott Tucker-Drob, PhD.
- 2012 *Children's relationships with pets: Effects on biology, brain, and behavior*. Invited speaker, Neuroscience Graduate Program Seminar Series, University of Southern California. Host: Laura Baker, PhD.
- 2011 *Effects of pets on youth outcomes: Socio-emotional adjustment, antisocial behavior, and emotion recognition*. Invited speaker, NICHD-sponsored pre-conference workshop for the annual meeting of the Society for Neuroscience, Washington, DC. Organizer: Lisa Freund, PhD.
- 2011 *The Truth about Kids and Dogs: Ongoing research on the benefits of human-animal interaction*. Invited speaker, Department of Psychology Brown Bag Seminar, University of Illinois-Chicago. Host: Stewart Shankman, PhD.
- 2010 *Interaction of environmental, social, genetic, and biological factors*. Invited speaker, NIH-sponsored conference on Applying Complex Systems Approaches to the Complex Processes of Behavior Change at the University of Michigan Center for Social

- Epidemiology and Population Health. Organizers: George Kaplan, PhD, Ana Diez-Roux, MD, PhD, MPH, Sandro Galeo, MD, PhD, MPH, & Carl Simon, PhD.
- 2010 *Urban Policy Speaker Series*, Invited Discussant, Harris School of Public Policy Studies, University of Chicago. Organizer: Ariel Kalil, PhD.
- 2010 *Applications of twin models to developmental psychology*. Invited speaker, Developmental Brown Bag Seminar, Department of Psychology, University of Chicago. Host: Jean Decety, PhD.
- 2008 *From Neighborhoods to Neurons and Beyond: Factors associated with adolescent problem behavior*. Invited speaker, annual meeting of the Midwestern Psychological Association, Chicago, IL. Organizer: Maureen Wang Erber, PhD.
- 2008 *Health and attainment over the life course: Reciprocal influences from before birth to old age*. Invited Discussant, Conference co-sponsored by the University of Chicago and Northwestern University. Organizers: Ariel Kalil, PhD, Lindsay Chase-Lansdale, PhD, Emma Adam, PhD.
- 2008 *Research careers in academia*. Invited speaker, Undergraduate Biology Interest Group, University of Chicago. Host: Samantha Zwiebel.
- 2007 *Genetics of brain structure and function*. Symposium Chair, annual meeting of the Behavioral Genetics Association, Amsterdam, Netherlands.
- 2006 *Current directions for behavioral genetic research on the development of antisocial behavior*. Keynote Speaker, Annual Research Day, Department of Psychology, University of Minnesota. Host: Robert Krueger, PhD.
- 2006 *Behavior genetics and substance use and abuse*. Invited speaker, NIDA-sponsored symposium at the American Psychological Association (cancelled). Organizer: Kevin Conway, PhD.
- 2005 *Genetic and environmental influences on the development of antisocial behavior*. Invited speaker, Department of Psychiatry, University of Chicago. Host: Emil Coccaro, M.D.
- 2005 *Introduction to twin models Using Mx*. Invited speaker, Department of Psychology, University of Southern California. Host: Laura Baker, PhD.
- 2004 *Using behavior genetics to understand the development of antisocial behavior*. Invited speaker, Department of Psychiatry, University of California, San Diego. Host: Lew Judd, MD.
- 2003 *The genetic basis of substance abuse*. Invited speaker, 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*. Invited speaker, Clinical Psychology program, Virginia Commonwealth University. Host: Scott Vrana, PhD.
- 2003 *Symposium honoring the work of David C. Rowe*. Symposium Chair, Behavioral Genetics Association, Chicago, Illinois.
- 2002 *Using behavioral genetics to understand individual differences in antisocial behavior*. Invited speaker, Violence Prevention Group, Virginia Commonwealth University. Host: Aleta Meyer, PhD.
- 2002 *Behavioral genetics and antisocial behavior*. Invited speaker, Grand Rounds, Department of Psychiatry, Virginia Commonwealth University. Host: Joel Silverman, MD.
- 2001 *Using behavior genetics to understand the development of antisocial behavior*. Invited speaker, Department of Psychology, Clinical Psychology seminar series; University of Virginia. Host: Eric Turkheimer, PhD.

- 2000 *Introduction to the behavior genetic samples and their uses*. Invited speaker, 2000 Add Health Users Workshop, NIH Campus, Bethesda, Maryland. Host: Christine Bachrach.
- 1999 *Gene x Environment interactions in human development*. Invited speaker, Social Work In-Service Meeting, Virginia Commonwealth University.
- 1999 *Testing the Bioecological Model: Moderators of genetic and environmental influences on adolescent adjustment*. Invited speaker, Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University. Host: Kenneth Kendler, MD.
- 1999 *Genetic and environmental contributions to adolescent cognition: New directions*. Symposium Chair, annual meeting of the Society for Research on Child Development, Albuquerque, New Mexico.

Selected Professional Conference Presentations:
 (*Denotes trainee presentations)

1. *Chen, P.C., & **Jacobson, K.C.** (March 2014). *Family processes and adolescent peer deviance: Moderating effects of impulsivity and community violence exposure*. Presented at the biennial meeting of the Society for Research on Adolescence, Austin, TX.
2. **Jacobson, K.C.** (April 2013). *Pet ownership and attitudes towards pets: Effects on youth socioemotional outcomes*. Presented at the biennial meeting of the Society for Research on Child Development, Seattle, WA.
3. *Chen, P., & **Jacobson, K.C.** (May 2012). *Moderating effects of multi-domain protective factors on the relationship between impulsivity and adolescent antisocial behavior*. Presented at the annual meeting of the Association for Psychological Science, Chicago, IL.
4. *Chen, P., *Tuskenis, E., & **Jacobson, K.C.** (March 2012). *Saliency of contexts in the etiology of adolescent antisocial behavior: The moderating role of future orientation*. Presented at the biennial meeting of the Society for Research on Adolescence, Vancouver, Canada.
5. *Hoffman, C.L., Serpell, J.A., & **Jacobson, K.C.** (July 2012). *Factors that predict owner attachment to pet dogs*. Presented at the annual meeting of the International Society for Anthrozoology, Cambridge, UK.
6. **Jacobson, K.C.** & *Chen, P. (March 2012). *Exposure to violence moderates family and peer influences on adolescent antisocial behavior*. Presented at the biennial meeting of the Society for Research on Adolescence, Vancouver, Canada.
7. *Vasilopoulos, T., Franz, C., Panizzon, M., Xian, H., Toomey, R., Grant, M., Lyons, M., Kremen, W., & **Jacobson, K.** (June 2012). *Present socioeconomic status moderates non-shared environmental influences on general cognitive ability in late middle age*. Invited paper presented at the annual meeting of the Behavior Genetic Association, Edinburgh, Scotland.
8. *Vasilopoulos, T., Grant, M.D., Franz, C.E., Panizzon, M.S., Xian, H., Lyons, M.J., Kremen, W.S., & **Jacobson, K.C.** (November 2012). *Cognition in young adulthood significantly predicts pulmonary function in late middle age*. Presented at the annual meeting of the Gerontological Society of America, San Diego, CA.
9. *Vasilopoulos, T., Grant, M.D., Franz, C.E., Panizzon, M.S., Xian, H., Toomey, R., Lyons, M.J., Kremen, W.S., & **Jacobson, K.C.** (April 2012). *Longitudinal relationship between cognition and pulmonary function in middle-aged male twins*. Presented at the

- Cognitive Aging Conference, Atlanta, GA.
10. *Chen, P., Coccaro, E.F., Lee, R., & **Jacobson, K.C.** (March 2011). *Moderating effects of childhood trauma on relationships between social information processing and adult aggression*. Presented at the annual meeting of the American Psychopathological Association, New York City, NY.
 11. *Chen, P.C., & **Jacobson, K.C.** (November 2011). *Longitudinal effects of college attendance on substance use: A comparison of Caucasians and African Americans*. Presented at the annual meeting of the American Society of Criminology, Washington, D.C.
 12. *Chen, P., *Vasilopoulos, T., Lee, R., Coccaro, E., & **Jacobson, K.** (June 2011). *Childhood maltreatment moderates heritability of aggression in adults*. Presented at the annual meeting of the Behavior Genetic Association, Newport, RI.
 13. *Hoffman, C.L., Serpell, J.A., Lee, R., & **Jacobson, K.C.** (August 2011). *Dogs resembling their owners: Associations between dog's behavior and owner's personality and behavior*. Paper presented at the annual meeting of the International Society for Anthrozoology, Indianapolis, IN.
 14. **Jacobson, K.C.**, *Hoffman, C.L., & Lee, R. (August 2011). *They Call it Puppy Love: A community-based study of influences of pet ownership and attachment on behavior and psychosocial characteristics in children and adolescents*. Paper presented at the annual meeting of the International Society for Anthrozoology, Indianapolis, IN.
 15. **Jacobson, K.**, *Hoffman, C., *Vasilopoulos, T., Lyons, M., Kremen, W., & Franz, C. (June 2011). *Family influences on attitudes and relationships towards pets*. Paper presented at the annual meeting of the Behavior Genetic Association, Newport, RI.
 16. *Vasilopoulos, T., Kremen, K., Kim, K., Panizzon, M., Stein, P., Xian, H., Grant, M., Lyons, M., Toomey, R. Eaves, L., Franz, C., & **Jacobson, K.** *Untreated hypertension decreases heritability of cognition in late middle age*. (June 2011). Invited paper presented at the annual meeting of the Behavior Genetic Association, Newport, RI.
 17. *Vasilopoulos, T., Kremen, K., Panizzon, M., Stein, P., Xian, H., Grant, M., Lyons, M., Toomey, R. Eaves, L., Franz, C., & **Jacobson, K.** (November 2011). *Health and lifestyle factors moderate genetic influences underlying cognitive and physical function*. Presented at the annual meeting of the Gerontological Society of America, Boston, MA.
 18. **Jacobson, K.C.**, Entwisle, B., Kendler, K.S., Smoller, J.L., Huggins, W., Nettles, D., DeCain, M., Junkins, H., Ramos, E., & Hamiltin, C.M. (October 2010). *PhenX psychiatric and social environment measures that hold promise for future research*. Presented at the annual World Congress on Psychiatric Genetics, Athens, Greece.
 19. *Vasilopoulos, T., Franz, C.E., Grant, M.D., Lyons, M.J., Toomey, R., Xian, H., Kremen, W.S., & **Jacobson, K.C.** (April 2010). *Influence of hypertension and antihypertensive medication use on cognition in middle-aged male twins*. Presented at the biannual Cognitive Aging Conference, Atlanta, GA.
 20. *Vasilopoulos, T., Kremen, W.S., Kim, K., Panizzon, M.S., Stein, P.K., Xian, H., Grant, M.D., Lyons, M.J., Toomey, R., Eaves, L.J., Franz, C.E., & **Jacobson, K.C.** (November 2010). *Untreated hypertension suppresses genetic influence on cognition in late middle age*. Presented at the annual meeting of the Gerontological Society of America, New Orleans, LA.
 21. *Doane, L.D., Franz, C., Prom-Wormley, E., Eaves, L., Mendoza, S., Xian, H., Lyons, M., Kremen, W.S., & **Jacobson, K.C.** (July 2009). *Does neuroticism mediate or moderate the*

- associations between cortisol and depression?* Presented at the annual conference of the International Society of Psychoneuroendocrinology, San Francisco, CA.
22. *Doane, L.D., Franz, C., Prom-Wormley, E., Eaves, L., Mendoza, S., Xian, H., Lyons, M., Kremen, W.S., & **Jacobson, K.C.** (June 2009). *Alterations in basal cortisol activity as a marker of the genetic susceptibility of negative mood and depression.* Presented at the annual meeting of the Behavior Genetics Association, Minneapolis, MN.
 23. *Yeh M.T., Baker L.A., Raine A, & **Jacobson, K.C.** (June 2009). *Determining the genetic and environmental architecture of parental monitoring and child externalizing behavior.* Presented at the annual meeting of the Behavior Genetics Association, Minneapolis, MN.
 24. **Jacobson, K.C.** (September 2008). *Adolescent Development: From Neighborhoods to Neurons and Beyond.* Presented at the 4th Annual NIH Director's Pioneer Award Symposium, Bethesda, MD.
 25. *Fung (Yeh), M.F., Coccaro, E.F., & **Jacobson, K.C.** (June 2008). *Multivariate behavioral genetic analysis of the Lifetime History of Aggression questionnaire.* Presented at the annual meeting of the Behavior Genetics Association, Louisville, KY.
 26. **Jacobson, K.C.**, Phan. K.L., Angstadt, M., & Coccaro, E.C. (June 2007). *Genetic influence on amygdala reactivity to emotional stimuli.* Presented at the annual meeting of the Behavior Genetics Association, Amsterdam, The Netherlands.
 27. **Jacobson, K.C.** (October 2006). *Bridging the gap between genotype and phenotype: Endophenotypes in twin research. The sample case of arousal and antisocial behavior.* Presented at the annual World Congress on Psychiatric Genetics, Cagliari, Italy.
 28. **Jacobson, K.**, Franz, C., Grant, M., Xian, H., Tsuang, M., Kremen, W., Eisen, S., & Lyons, M. (November 2005). *Smoking decreases genetic variance in body mass index among middle-aged male twins.* Presented at the annual meeting of the Gerontological Society of America, Orlando, FL.
 29. **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.
 30. **Jacobson, K.** (April 2005). *The role of puberty in the development of antisocial behavior. Evidence for "Provocative" gene → environment correlation?* Presented at the biennial meeting of the Society for Research on Child Development, Atlanta, GA.
 31. 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 10th International Congress on Schizophrenia Research, Savannah, GA.
 32. **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, NY.
 33. **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.
34. **Jacobson, K.C.** (July 2002). *The role of puberty in the development of antisocial behavior*. Presented at the annual meeting of the Behavioral Genetics Association, Keystone, CO.
 35. **Jacobson, K.C.**, Prescott, C.A., & Kendler, K.S. (July 2001). *Behavioral genetic confirmation of a Life-Course perspective on antisocial behavior: Can we believe the results?* Presented at the 31st annual meeting of the Behavior Genetics Association, Cambridge, England.
 36. **Jacobson, K.C.**, Prescott, C.A., Neale, M. C., & Kendler, K.S. (July 2001). *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.
 37. **Jacobson, K.C.**, Prescott, C.A., & Kendler, K.S. (April 2001). *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.
 38. Rowe, D.C., & **Jacobson, K.C.** (July 2001). *A twin and sibling study of cigarette smoking in the National Longitudinal Study of Adolescent Health*. Presented at the 31st annual meeting of the Behavior Genetics Association, Cambridge, England.
 39. **Jacobson, K.C.**, Prescott, C.A., & Kendler, K.S. (July 2000). *Sex differences in genetic and environmental influences on the development of antisocial behavior*. Presented at the 30th annual meeting of the Behavior Genetics Association, Burlington, VT.
 40. **Jacobson, K.C.** (March 2000). *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, IL.
 41. **Jacobson, K.C.**, & Rowe, D.C. (November 1999). *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.
 42. **Jacobson, K.C.**, & Rowe, D.C. (July 1999). *Sibling influences on adolescent antisocial behavior*. Presented at the 29th annual meeting of the Behavior Genetics Association, Vancouver, Canada.
 43. **Jacobson, K.C.** (April 1999). *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.
 44. Petersen, A.C., & **Jacobson, K.** (September 1999). *Ups and downs: Gender differences in adolescent mood variations*. Presented at the 9th European Conference in Developmental Psychology, Spetses, Greece.
 45. Rowe, D.C., & **Jacobson, K.C.** (April 1999). *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.
 46. *Busboom, A.L., Barber, B.L., **Jacobson, K.C.**, & Eccles, J.E. (August 1998). *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.
 47. **Jacobson, K.C.**, & Rowe, D.C. (June 1998). *Genetic and environmental influences on the relationship between adolescent attachment to family, attachment to school, and*

- adolescent depressed mood: Sex differences?* Presented at the 28th annual meeting of the Behavioral Genetics Association, Stockholm, Sweden.
48. Rowe, D.C., **Jacobson, K.C.**, and Rodgers, J.L. (May 1998). *A G x E interaction for verbal IQ*. Presented at the annual meeting of the American Psychological Society, Washington, D.C.
 49. **Jacobson, K.C.**, Barber, B.L., Hoffman, K.J., & Geffner, S.A. (February 1998). *Patterns of adolescent adjustment following parent marital transition*. Presented at the biennial meeting of the Society for Research on Adolescence, San Diego, CA.
 50. **Jacobson, K.C.**, & Rowe, D.C. (February 1998). *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.
 51. Barber, B.L., **Jacobson, K.C.**, Eccles, J.E., & Horn, M.C. (April 1997). *"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.
 52. Barber, B. L., **Jacobson, K.C.**, Horn, M. C., & Jacobs, S. L. (August 1997). *Contextual and individual factors that predict adolescents' school attachment during High School*. Presented at the 7th annual European Conference for Research on Learning and Instruction, Athens, Greece.
 53. Petersen, A.C., Barber, B.L., **Jacobson, K.C.**, & Miller, K.E. (June 1997). *Mood cycles in adolescence: The myth of the moody teen*. Presented at the meeting of the Society for Menstrual Cycle Research, Chicago, IL.
 54. Rowe, D.C., & **Jacobson, K.C.** (June 1997). *Testing the conditional strategy hypothesis for self-reported aggression*. Presented at the 9th annual Conference of the Human Behavior and Evolutionary Society, Tucson, AZ.
 55. Rowe, D.C., **Jacobson, K.C.**, & Almeida, D. (November 1997). *Heritability and environmentality of violence in the Adolescent Health Study*. Presented at the annual Conference of the American Society of Criminology, San Diego, CA.
 56. Rowe, D.C., **Jacobson, K.C.**, & Neiss, M. (July 1997). *Behavior genetics in the Adolescent Health Study*. Presented at the 27th annual meeting of the Behavior Genetics Association, Toronto, Canada.
 57. **Jacobson, K.C.**, & Barber, B.L. (March 1996). *The effects of parent marital status transition on adolescent adjustment*. Presented at the biennial meeting of the Society for Research on Adolescence, Boston, MA.
 58. **Jacobson, K.C.**, Belsky, J., & Crnic, K. (March 1995). *Antecedents of coparenting across the terrible twos*. Presented at the biennial meeting of the Society for Research in Child Development, Indianapolis, IN.
 59. **Jacobson, K.C.**, & Crockett, L.J. (March 1995). *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.
 60. **Jacobson, K.C.** (February 1994). *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.