

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
- 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
- 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, 2015-2016, 2016-2020
- 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
- Elected Programs Officer, International Society for Anthrozoology (ISAZ), 2015-2017
- Elected Treasurer, International Society for Anthrozoology (ISAZ), 2017-present
- National Alliance for Research on Schizophrenia and Depression, Independent Investigator Award, 2017-2019

Radio, Print, and Online Coverage of Research:

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>

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/

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

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>

Genetic influences on behavior (2009). Research on twin study of brain activation highlighted on the *Brain Research Foundation* website, <https://www.thebrf.org/Pages/Topic?id=1258>

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/>

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/>

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/>

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/>

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/>

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>

Research on human-animal interaction highlighted in *University of Chicago ITM Investigator News*, Volume 3(2), March 2013.

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

Research on human-animal interaction highlighted in “Research Spotlight” section of the *Mars-WALTHAM® newsletter*, Volume 13, December 2013.

Impact of dog ownership on mental health. Public Health Minute with Bill Latimer (January 2014). Audiotaped radio interview for National Public Radio (NPR). Interview played in Florida for one month.

How dogs help humans (October 2015). Online interview (available for download). Healthy Happy Dog Summit. <http://healthyhappydog.com/>

How adopting a puppy helped me cope with Trump’s America, by Miriam Finder (March 23, 2017). *Bustle*. <https://www.bustle.com/p/how-adopting-a-puppy-helped-me-cope-with-trumps-america-46628>

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, August 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
Chair, *Abstract Review Committee*, International Society for Anthrozoology, 2013
Invited Member, *Abstract Review Committee*, International Society for Anthrozoology, 2014, 2015, 2016
Invited Participant, *Animal-Assisted Interventions in Special Populations*, NIH/NICHD Workshop, Bethesda, MD, 2015
Elected Programs Officer, *International Society for Anthrozoology (ISAZ)*, 2015-2017
Elected Treasurer, *International Society for Anthrozoology (ISAZ)*, 2017-present
President-Elect, *International Society for Anthrozoology (ISAZ)*, 2017-present

Journal 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*, 2010-2016
Associate Editor, *Frontiers in Behavioral and Psychiatric Genetics*, 2011-present
Editorial Advisory Board, *Human-Animal Interaction Bulletin* (American Psychological Association, Division 17 online journal), 2011-present
Editorial Advisory Board, *Anthrozoos*, 2014-present
Editorial Advisory Board, *Behavior Genetics*, 2016-present

Grant Review Activities:

Member, NIH/NIAAA. RFA: *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, NIH/NHGRI. Special Emphasis Panel, *Ethical, Legal, and Social Issues (ELSI)*, *Member Conflict Review*, 2004
Site Reviewer, NIH/NICHD. *Adolescent Health Project*, University of North Carolina, 2004
Member, NIH/NHGRI. Special Emphasis Panel, *Ethical, Legal, and Social Issues (ELSI)*, 2005
Member, NIH. *Psychosocial Development, Risk and Prevention (PDRP)* Study Section. *Risk, Prevention, and Health Behavior*, June 2005
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

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

Member, NIH. Social Psychology, Personality and Interpersonal Processes Study Section (SPIP). *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

Member, NSF. Special Competition, *Human and Social Dynamics*, July 2007

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

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

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

Member, NIH/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

Member, NIH/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; November 2014

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; June 2015

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, November 2014

Ad Hoc Reviewer, ISAZ/WALTHAM®, *Collaborative Research Award in Human-Animal Interactions*, March 2014

Mail Reviewer, NIH, *Social Sciences & Population Studies, Panel B (SSPB)*, June 2014; February 2015

Member, NIH, *NICHD Biobehavioral & Behavioral Sciences (BBS)* Subcommittee, July 2014; October 2015; February 2016

Member, NIH, *Adolescent Brain Cognitive Development (ABCD)*, July 2015

Ad Hoc Reviewer, University of Chicago BSD Fellowship Review, August 2015
Ad Hoc Reviewer, Netherlands Organisation for Scientific Research, NOW Social Sciences
division, November 2015
Permanent Member, NIH, *NICHD Biobehavioral & Behavioral Sciences (BBS)* Subcommittee,
June 2016-present
Chair, NICHD, Special Emphasis Panel, *Animal Assisted Intervention Review*, December 2016

Selected Ad Hoc Journal Review Activities:

Archives of General Psychiatry; Behavior Genetics; British Journal of Psychiatry; Current
Directions in Psychology; Human-Animal Interaction Bulletin; Journal of Abnormal
Psychology; Journal of Adolescence; Journal of the American Academy of Child & Adolescent
Psychiatry; Journal of Consulting & Clinical Psychology; Journal of Criminal Justice; Journal of
Drug and Alcohol Dependence; Journal of Research on Adolescence; Neuropsychiatric Genetics;
Personality & Individual Differences; PNAS; Psychological Medicine; Psychopharmacology;
Psychophysiology; Twin Research & Human Genetics

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)

BSD/University of Chicago Committees:

Member, University Committee on Reappointment of Assistant Professors (COROAP),
Biological Sciences Division, University of Chicago, 2013-2014
Member, Diversity & Inclusion Committee, Inclusion Strategic Planning Subcommittee,
Biological Sciences Division, University of Chicago, 2013
Member, BSD Data Steward Committee, University of Chicago, 2015
Member, Campus Planning Committee, University of Chicago, 2013-2017
Member, Emeritus Planning Committee, University of Chicago, 2017
Elected Member, Council of the University Senate, 2017-present

Departmental Service (University of Chicago):

Member, Aggression/Anger Task Force, 2007-2008
Member, Search Committee for Addiction Psychiatrist, 2011
Member, Diversity Committee, 2012
Member, Departmental Committee on Appointments & Promotions, 2012-present
Member, Strategic Planning Committees (Research & Education), 2013-2014

Member, Compensation Committee, 2014-2015
Member, Search Committee for Neuroscientist position, 2015
Chair, Department Data Collection Committee, 2015-present
Co-Chair, SOM Scholarship, 2015-present

Activities in Volunteer & Community Organizations:

SkyArt (formerly the South Chicago Art Center, a nonprofit visual arts organization for underprivileged Chicago children):
Elected Treasurer and Board Member, 2008-2011
Volunteer, 2012-present
School of Rock, benefit for San Miguel Schools in Chicago, Volunteer, 2009
American Psychological Association, Congressional Lobbyist, 2009
Condo Association:
Elected Secretary, 2009-2013
Elected President, 2015-present
Chicago Tap Theatre:
Elected Board Member, 2014-2017
Chair, Grants Committee, 2015-2017

Teaching:

Courses, Seminars, and Lectures (University of Chicago):

Co-Director, *Research Training in Psychiatry*, Department of Psychiatry & Behavioral Neuroscience, Fall, Winter, Spring, 2006-2009, Spring, 2010
Lecturer, *Multidisciplinary Approaches to Psychiatric and Behavioral Genetic Research*, (PSCR-46900), Department of Psychiatry, Winter 2007, 2012
Director, *Multidisciplinary Approaches to Psychiatric and Behavioral Genetic Research*, (PSCR-46900), Department of Psychiatry, Winter, Spring, 2009
Lecturer, *Human Behavior in Health and Illness*, (Medical student course #305), Department of Psychiatry, Fall, 2012
Director, *Research Training in Psychiatry*, Department of Psychiatry & Behavioral Neuroscience, 2010-present
Director, *PGY4 Resident Research Projects*, 2014-present
Co-Director, *Child Fellows Research Projects*, 2016-present

Research Mentorship:

Faculty (SOM Scholarship Mentor)

Shona Vas, PhD., Assistant Professor, 2015-2016
Lindsay Brauer, PhD., Assistant Professor, 2015-2017
Ney Alliey-Rodriguez, MD., Research Associate (Assistant Professor), 2015-present
Andrea Busby, PhD., Assistant Professor, 2015-present
Joey Cooper, MD., Assistant Professor, 2015-present
Sonya Dinizulu, PhD., Assistant Professor, 2015-present
Peter Nierman, MD., Assistant Professor, 2015-present

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. Methodological Supervisor, 2005
- Catherine Tuvblad, PhD. Postdoctoral Research Associate. Department of Psychology, University of Southern California. Methodological 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, 2009-2014
- 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, 2012-2015
- Ashlea Klahr, PhD. Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2014-2015

Psychiatry Residents & Fellows (University of Chicago)

- Michael Marcangelo, MD. Methodological Supervisor for PGY4 Research Project, 2006
- Sandra Davila-Rodriguez, MD. Primary Supervisor for PGY4 Research Project, 2007-2008
- Elena Tuskenis, MD. Primary Supervisor for PGY4 Research Project, 2011-2012
- Anya Pietrowki, MD. Methodological Supervisor for PGY4 Research Project, 2014-2015
- Phillipe Tapon, MD. Co-Supervisor for PGY4 Research Project, 2015-2016
- Joan Roig Llesuy, MD. Methodological Supervisor, 2015-2017
- Carolyn Shima, MD. Co-Supervisor for PGY4 Research Project, 2016-2017
- Trixie Lipke, MD. Primary Supervisor for Child Fellows Research Project, 2016-2017

Graduate Student Trainees (while at the University of Chicago)

- 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

Oscar Solis, B.S., Research Assistant, CNPRU, Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2012-2014

Maritza Bollain & Goytia, B.S., Research Assistant, CNPRU, Department of Psychiatry & Behavioral Neuroscience, University of Chicago. Supervisor, 2014

Medical Student Supervision

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

Undergraduate Supervision

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

Trainee Awards:

2011 Pan Chen. National Institute of Drug Abuse (NIDA) Travel Award, Annual meeting of the American Psychopathological Association

2012 Terrie Vasilopoulos. Award for Best Presentation for her invited talk, "Smoking Moderates Genetic Influence Underlying Pulmonary Function." *Postdoc Research Day*, University of Iowa

Individual Research Training Grants (as Sponsor):

Completed:

NIH/NIA F32 AG039954 *Biopsychosocial approaches to healthy aging*
(T. Vasilopoulos, Postdoctoral Fellow)
\$105,268 total direct costs 09/16/11-09/30/13
Role: *Primary Faculty Sponsor*

NIH/NICHHD F32 HD071744 *Multidisciplinary research and training in the benefits of child-dog interaction*
(C. Hoffman, Postdoctoral Fellow)
\$157,234 total direct costs 3 year planned award (04/12-03/15)*
Role: *Primary Faculty Sponsor*

*This Fellowship was declined because Dr. Hoffman accepted a faculty position beginning in August 2012, which made her ineligible to accept the Fellowship.

Institutional Training Grants (University of Chicago):

Current:

NIH/NIMH T32 MH020065 *Training in emerging and multidisciplinary approaches
to mental health and disease*
(A. Palmer, N. Cox, MPI)
\$184,692 (current year direct costs)
Role: Faculty Preceptor 07/01/13-06/30/18

Completed:

NIH/NIDA T32 DA007255 *Neuropsychopharmacology Training for Drug Abuse
Research*
(P. Vezina, PI)
Role: Faculty Preceptor 09/01/91-06/30/13

NIH/NIMH T32 MH020065 *Multidisciplinary Psychiatric Genetics Training Program*
(E. Gershon, PI)
Role: Member, Executive Committee 07/11/02-06/30/12

Research Grants:

Current:

National Alliance for Research on Schizophrenia & Affective Disorders (NARSAD)
Young Investigator Award #25871 *Community violence exposure and neural systems
underlying threat in children*
(K. Jacobson, PI)
\$92,592 total direct costs 09/15/17-09/14/19
Role: Principal Investigator 10%

NIH/NIA R01 AG022381 *The VETSA longitudinal MRI twin study of aging*
(W. Kremen, PI)
\$1,532,382 total direct costs 07/01/15-03/31/20
Role: Consultant n/a

NIH/NIA R01 AG050595 *The VETSA longitudinal twin study of cognition and aging*
(W. Kremen, PI)
\$1,827,708 total direct costs 09/01/15-03/31/19
Role: Consultant n/a

Under Review:

NIH/NICHD R21 HD094956 *A pilot study of the effects of interactions with therapy dogs
on child stress responsivity*
(K. Jacobson, PI)
\$280,538 total direct costs 04/01/18-03/31/20
Role: Principal Investigator

Completed:

University of Chicago/BSD (K. Jacobson, PI) \$79,992 total direct costs <u>Role: Principal Investigator</u>	<i>Bridge Funding for Pilot Projects</i>	04/01/14-03/31/15 n/a
University of Chicago CTSA-ITM (K. Jacobson, PI) \$5,000 total direct costs <u>Role: Principal Investigator</u>	<i>Genotyping in children and families</i>	07/01/14-06/30/15 n/a
NIH/NICHHD R03 HD070679 (K. Jacobson, PI) \$97,500 total direct costs <u>Role: Principal Investigator</u>	<i>Long-term benefits of child dog ownership: Effects on stress and social behavior</i>	01/01/12-12/31/14
NIH/NIA R01 AG018386 (W. Kremen, PI) \$325,533 subcontract total direct costs <u>Role: Principal Investigator of subcontract</u>	<i>VETSA 2: A longitudinal twin study of cognitive aging</i>	09/15/08-08/31/14
University of Chicago CTSA-ITM (K. Jacobson, PI) \$5,000 total direct costs <u>Role: Principal Investigator</u>	<i>Cortisol Response to Stress</i>	09/01/12-05/31/14
NIH/NIMH R01 MH080109 (E. Coccaro, PI) \$2,163,593 total direct costs <u>Role: Co-Investigator</u>	<i>Understanding the pathways to aggression</i>	04/16/08-03/31/14
NIH/NICHHD R03 HD066598 (K. Jacobson, PI) \$98,000 total direct costs <u>Role: Principal Investigator</u>	<i>They Call it Puppy Love: Epidemiology and biology of the child-dog bond</i>	07/01/10-06/30/13
NIH/OD DP2 OD003021 (K. Jacobson, PI) \$1,500,000 total direct costs <u>Role: Principal Investigator</u>	<i>From Neighborhoods to Neurons and Beyond</i>	09/30/07-08/31/12
Brain Research Foundation Seed Grant (K. Jacobson, PI) \$25,000 total direct costs <u>Role: Principal Investigator</u>	<i>A Pilot Study of genetic and environmental influences on amygdala and dorsal anterior cingulate cortex activation: A Twin Study of fMRI</i>	06/01/07-05/31/08

NIH/NIA R01 AG022982 (W. Kremen, PI) \$114,620 total direct costs for subcontract <u>Role: Principal Investigator of subcontract</u>	<i>VETSA longitudinal twin study of cortisol and aging</i>	09/30/06-06/30/09
NIH/NIMH R01 MH058354 (L. Baker, PI) \$98,178 subcontract total direct costs <u>Role: Principal Investigator of subcontract</u>	<i>Development of conduct problems: Genetic and environmental interface</i>	01/05/06-06/30/11
NIH/NIDA R01 DA011287 (K. Kendler) \$600,000 total direct costs <u>Role: Co-Investigator</u>	<i>Competitive renewal for a Twin-Family Study of drug use, abuse, and dependence</i>	06/01/05-05/31/08
NIH/NIDA R01 DA018662 (M. Tsuang, PI) \$500,000 total direct costs <u>Role: Consultant</u>	<i>Alternate phenotypes of substance abuse</i>	09/15/04-06/30/08
NIH/NIMH R01 MH068643 (K. Kendler, PI) \$1,500,338 total direct costs <u>Role: Co-Investigator</u>	<i>Axis I and Axis II psychiatric disorders in Norwegian Twins</i>	05/18/04-04/30/08
NIH/NIMH K01 MH068484 (K. Jacobson, PI) \$319,239 total direct costs <u>Role: Principal Investigator</u>	<i>Genetics of vulnerability to antisocial behavior</i>	09/15/03-08/31/07
NIH/NIMH R01 MH065320 (E van den Oord, PI) \$675,000 total direct costs <u>Role: Co-Investigator</u>	<i>Candidate genes in models of mental health</i>	12/01/02-11/30/05
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

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1. Gustavson, D.E., Panizzon, M.S., Franz, C.E., Freidman, N.P., Reynolds, C.A., **Jacobson, K.C.**, Xian, H., Lyons, M.J., & Kremen, W.S. (accepted May 2017). Heritability of executive functions in midlife. *Neuropsychology*.
2. Muldoon, A.M., Kuhns, L., Supple, J., **Jacobson, K.**, & Garofalo, R. (accepted September 2017). The impact of dog ownership on depression in people living with HIV. *Journal of Medical Internet Research*.
3. *Roig Llesuy, J., *Medina, M., **Jacobson, K.C.**, & Cooper, J.J. (accepted pending revision August 2017). Catatonia under-diagnosis in the general hospital. *Journal of Neuropsychology & Clinical Neuroscience*.

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1. Coccaro, E.F., *Cremers, H., Fanning, J., Nosal, E., Lee, R., Keedy, S., & **Jacobson, K.C.** (resubmitted June 2017) Reduced frontal grey matter volume, life history of aggression, and underlying genetic influence. *Psychiatry Research: Neuroimaging*.
2. Gustavson, D.E., Panizzon, M.S., Elman, J.A., Franz, C.E., Beck, A., Reynolds, C.A., **Jacobson, K.C.**, Xian, H., Toomey, R., Lyons, M.J., & Kremen, W.S. (submitted August 2017) Genetic and environmental influences on verbal fluency in middle age: A longitudinal twin study. *Neuropsychology*.
3. Gustavson, D.E., Panizzon, M.S., Elman, J.A., Franz, C.E., Reynolds, C.A., **Jacobson, K.C.**, Freidman, N.P., Xian, H., Lyons, M.J., & Kremen, W.S. (resubmitted August 2017) Stability of genetic and environmental influences on executive function in midlife. *Psychology & Aging*.
4. *Klahr, A.M., Lee, R., Carter, C.S., Pournajati-Nazarloo, H., & **Jacobson, K.C.** (revising for new submission). The association between plasma vasopressin and aggression in youth is moderated by parent-child conflict. *Hormones & Behavior*.

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2. **Jacobson, K.C.** Does exposure account for racial/ethnic differences in children's attitudes towards pets?
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- 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.
55. **Jacobson, K.**, Cremers, H., & Coccaro, E. (2014). Genetic and environmental influences on amygdala activation to facial/emotion processing: A twin study using fMRI. *Behavior Genetics*, *44*, 663-664.

Professional Presentations:

Invited Local, National, and International Seminars and Symposia:

- 2016 *Everyday influences on youth brain development.* Invited speaker, *Board of Directors Dinner*, Brain Research Foundation (BRF), Chicago, IL. Host: Terre Constantine.
- 2016 *Research on Human-Animal Interactions: Its Relevance for Psychology.* Invited speaker, *Clinical & Health Psychology Brownbag Seminar*, Northwestern University, Chicago, IL. Host: Jennifer Tackett, PhD.
- 2015 *Effects of pets on biology, brain, and behavior.* Invited speaker, *Women in Science* series, The Field Museum, Chicago, IL. Hosts: Eve Gaus & Christine Ward.
- 2015 *Attachment to dogs, attachment to mothers, and youth socioemotional outcomes.* Invited symposium speaker, biennial meeting of the Society for Research on Child Development, Philadelphia, PA. Organizer: Darlene Kertes, PhD.

- 2015 *Human-Animal Interaction: Influences on biology, brain, and behavior*. Invited speaker, Graduate Research Seminar Series, College of Veterinary Medicine, Purdue University, West Lafayette, IN. Host: Ramesh Vemulapalli, BVCs, MVSc, PhD.
- 2014 *They Call it Puppy Love: Effects of pets on biology, brain, and behavior*. Invited speaker, *Science is Sexy* series, co-sponsored by the Brain Research Foundation, Chicago, IL. Hosts: Terre Constantine, CEO & Stephanie Levi, PhD.
- 2014 *Research in Human-Animal Interactions*. Invited Panelist, NIH/Mars-WALTHAM® symposium at the annual meeting of the International Society for Anthrozoology, Vienna, Austria. Organizer: James Griffin, PhD.
- 2014 *Emotion*, Symposium Chair, annual meeting of the Behavior Genetics Association, Charlottesville, VA.
- 2013 *David C. Rowe: the scientist and the man*. Invited speaker, annual meeting of the Behavior Genetics Association, Marseille, France. Organizer: Eric Turkheimer.
- 2013 *Challenges in conducting research on Human-Animal Interactions (HAI)*. Invited speaker, 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.
- 2012 *They call it Puppy Love: Epidemiology and biology of the child-dog bond*. Invited speaker, 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 speaker, 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.
- 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.
- 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.
- 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.
- 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.
- 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.

University of Chicago Presentations:

- 2015 *Human-Animal Interaction: Epidemiology and biology of the child-dog bond.* Invited speaker, Developmental Brown Bag Seminar, Department of Psychology, University of Chicago. Host: Amanda Woodward, PhD.
- 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 *An ecological approach to the development of youth socioemotional behavior.* Invited speaker, Child Fellowship Colloquium, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, Chicago, IL.
- 2012 *NNB, HAI, OT/AVP, and h²: What does it all mean?* Research In-Service, Clinical Neuroscience & Pharmacology Research Unit, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, Chicago, IL.
- 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 *Research careers in academia.* Invited speaker, Undergraduate Biology Interest Group, University of Chicago. Host: Samantha Zwiebel.
- 2007 *Using behavior genetics to understand the development of substance use and abuse.* Invited speaker, NIDA Training Grant, Department of Psychiatry & Behavioral Neuroscience, University of Chicago.
- 2007 *From Neighborhoods to Neurons and Beyond.* Invited speaker, Scholar's Day, Department of Psychiatry & Behavioral Neuroscience, University of Chicago.
- 2006 *A brief introduction to behavioral genetics.* Research In-Service, Clinical Neuroscience & Pharmacology Research Unit, Department of Psychiatry & Behavioral Neuroscience, University of Chicago, Chicago, IL.
- 2006 *Current directions for behavioral genetic research on the development of antisocial behavior.* Grand Rounds Speaker, Department of Psychiatry & Behavioral Neuroscience, University of Chicago.

Selected Professional Conference Presentations:

(*Denotes trainee presentations)

1. *Shima, C., **Jacobson, K.**, Marcangelo, M. (December 2016). *Medical student attitudes toward psychiatry: How clerkship experience effects student perceptions of psychiatry patients, treatment, and careers.* Poster presented at the University of Chicago annual Medical Education Day.
2. **Jacobson, K.C.** (July 2015). *Does exposure account for racial/ethnic differences in children's attitudes towards pets?* Presented at the annual meeting of the International Society for Anthrozoology, Saratoga Springs, NY.
3. *Klahr, A.K., Lee, R., Carter, C.S., & **Jacobson, K.C.** (March 2015). *The association between vasopressin and youth antisocial behavior is moderated by parent-child conflict.* Presented at the annual meeting of the Society for Research on Child Development, Philadelphia, PA.

4. *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.
5. **Jacobson, K.C.** (July 2014). *The effects of HAI on cortisol reactivity in response to psychosocial stress*. Presented at the annual meeting of the International Society for Anthrozoology, Vienna, Austria.
6. **Jacobson, K.**, Cremers, H., & Coccaro, E. (June 2014). *Genetic and environmental influences on amygdala activation to facial/emotion processing: A twin study using fMRI*. Presented at the annual meeting of the Behavior Genetic Association, Charlottesville, VA.
7. **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.
8. *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.
9. *Chen, P., *Tuskenis, E., & **Jacobson, K.C.** (March 2012). *Salience 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.
10. *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.
11. **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.
12. *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.
13. *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.
14. *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.
15. *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.
16. *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.
17. *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.
 18. *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.
 19. **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.
 20. **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.
 21. *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.
 22. *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.
 23. **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.
 24. *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.
 25. *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.
 26. *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.
 27. *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.
 28. *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.
29. **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.
 30. *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.
 31. **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.
 32. **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.
 33. **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.
 34. **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.
 35. **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.
 36. **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.
 37. **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.
 38. **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.
 39. **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.
 40. **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.
 41. **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.

42. 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.
43. **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.
44. **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.
45. **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.
46. **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.
47. **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.
48. 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.
49. 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.
50. *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.
51. **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.
52. 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.
53. **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.
54. **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.
55. 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.

56. 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.
57. 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.
58. 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.
59. 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.
60. 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.
61. **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.
62. **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.
63. **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.
64. **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.