

Preliminary Program

Behavior Genetics Association
35th Annual Meeting
Hollywood, California
June 29 – July 2, 2005

Thursday June 30

Thursday June 30, 2005 8:00 - 10:00am	<p>Paper Session 1 – Symposium Studio A & B <i>The strengths (and obstacles) of Longitudinal Research on Childhood and Adolescence Development</i> ORGANIZER AND CHAIR: Meike Bartels CO-ORGANIZER: Jim Hudziak DISCUSSANT: Dorret Boomsma</p>
	<p><i>Longitudinal Study of Problem Behavior in Finland: Lessons from the FinnTwin Studies</i> Richard J. Rose, Jaakko Kaprio, Richard J. Viken & Lea Pulkkinen</p>
	<p><i>Adolescent marijuana use: Genetic and environmental risk factors within the family</i> Marianne van den Bree and Anita Thapar</p>
	<p><i>Disinhibited Psychopathology: A Developmental Behavioral Genetic Perspective</i> Margaret A. Keyes, Brent Walden, W.G. Iacono and Matt McGue</p>
	<p><i>Early childhood temperament and the covariation between internalizing and externalizing behavior in school-aged children</i> Soo Hyun Rhee, Victoria E. Cosgrove, Stephanie Schmitz, Brett Haberstick, Robin C. Corley, and John K. Hewitt</p>
	<p><i>A longitudinal multiple rater study on Rule-Breaking behavior; Highlights of the Longitudinal Data of the Netherlands Twin Register</i> Meike Bartels, J. J. Hudziak, C.E.M. van Beijsterveldt, and D. I. Boomsma</p>

8:00 - 10:00am	Paper Session 2	Studio C
	<i>Not a steady relationship? Genetic variation in marriage across the lifespan</i> Susan L. Trumbetta, Ezra M. Markowitz, and Irving I. Gottesman	
	<i>Gender Differences in Marital Quality: Genes or Environment?</i> Erica L. Spotts, Jenae M. Neiderhiser, Paul Lichtenstein and David Reiss	
	<i>Genetic, Demographic, & Socioeconomic Influences on Timing of First Sexual Intercourse: Twin and DNA Data of Add Health</i> Guang Guo and Yuying Tong	
	<i>Genetic and Environmental Influences on the Frequency of Orgasm in Women</i> Khytam Dawood, Katherine M. Kirk, J. Michael Bailey, Paul W. Andrews, and Nicholas G. Martin	
	<i>Maternal Alcoholism and Offspring Age at First Sexual Intercourse</i> Mary C. Waldron, A.C. Heath, K.K. Bucholz, P.A.F. Madden, W. Slutske, T. Jacob, and N.G. Martin	
	<i>Genetic and environmental influences on the occurrence and perceived severity of daily stressors</i> Susan T. Charles and D.M. Almeida	
	<i>Genetic and environmental factors affecting perceived health from age 16 to 24: a longitudinal study of Finnish twins</i> Karri Silventoinen, Eero Lahelma, Daniëlle Posthuma, Richard J Rose, Jaakko Kaprio	
	<i>Heritability of ambulatory sympathetic cardiac drive</i> Nina Kupper, Gonneke Willemsen, Dorret I. Boomsma, Eco J.C. de Geus	

10:00 – 10:30	30 Minute Break
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10:30-11:30	Session 3	Studio A & B
	Speaker: Jean Shih	
PLENARY	Title:	

11:30 - 1:00 pm	Lunch
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1:00 – 3:00 pm	Paper Session 4 - Symposium Studio A & B <i>International collaboration towards an integrated model of personality from a behavioral genetic perspective.</i> CHAIRS: Kerry L. Jang and Juko Ando DISCUSSANT: Michael C. Stallings
	<i>Is genetic structure of the Five Factor Model universal? A cross-cultural twin study from Canada, Germany, and Japan</i> Shinji Yamagata, Juko Ando, Kerry L. Jang, and Fritz Ostendorf
	<i>Is the genetic and environmental factor structures of Cloninger's temperament dimensions common cross-culturally? International comparison among Australia, USA, and Japan.</i> Yusuke Takahashi, Nathan A. Gillespie, Nicholas G. Martin, Michael, C. Stallings, and Juko Ando
	<i>Higher order analysis of the Big Five - the genetic basis to Alpha and Beta across cultures.</i> Kerry L. Jang, W.J. Livesley, Juko Ando, Shinji Yamagata, Aloise Angleitner, Fritz Ostendorf, Frank Spinath, and Rainer Reimann.
	<i>Personality in Germany and Minnesota: Using the Multidimensional Personality Questionnaire to Evaluate an Item Response Theory-Based Comparison of Self-Reports and Underlying Genetic and Environmental Influences</i> Robert Krueger, Wendy Johnson, Frank Spinath, Alois Angleitner, and Rainer Riemann.
	<i>Discussion</i> Discussant: Michael C. Stallings

1:00 – 3:00 pm	Paper Session 5 Studio C
	<i>Genotype-environment interaction in adolescents' cognitive ability.</i> K. Paige Harden, Eric Turkheimer, & John C. Loehlin
	<i>Genetic and environmental influences on intraindividual variability in reaction time</i> Deborah Finkel and Matt McGue

	<p><i>SNPs, microarrays, and pooled DNA: identification of four loci associated with mild mental impairment in a sample of 6000 children</i></p> <p>Lee M Butcher, Emma Meaburn, Jo Knight, Pak C Sham, Leonard C Schalkwyk, Ian W Craig & R Plomin</p>
	<p><i>Gene Finding for Intelligence</i></p> <p>D Posthuma, F Gosso, M Luciano, EJC de Geus, MJ Wright, GW Montgomery, M van Belzen, P Heutink, PE Slagboom, DI Boomsma NG Martin</p>
	<p><i>Twin/singleton differences in intelligence?</i></p> <p>A Danish nation-wide population-based register study of test scores and classroom assessments</p> <p>Kaare Christensen, Inge Petersen, Anne-Maria Herskind, Paul Bingley</p>

3:00 – 3:15 pm	15 Minute Break
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3:15 – 5:00 pm	Paper Session 6	Studio A & B
	<p><i>A sibling adoption study to disentangle influences of shared and nonshared environment on substance use disorders: methodological issues</i></p> <p>Anja C. Huizink, Mijke van den Berg, Frank C. Verhulst</p>	
	<p><i>Risk Factors Contributing to Stages of Alcohol Use Across Adolescence and Into Young Adulthood</i></p> <p>Jason L. Pagan, Richard J. Rose, Richard J. Viken, Lea Pulkkinen, Jaakko Kaprio & Danielle M. Dick</p>	
	<p><i>Assessing assortative mating and reciprocal spousal influences on alcoholism in a sample of Vietnam-era veteran twins and their spouses</i></p> <p>Julia D. Grant, Jeffrey F. Scherrer, Alexis E. Duncan, Andrew C. Heath, William R. True, Randy Haber, Theodore Jacob, Kathleen K. Bucholz</p>	
	<p><i>Re-sequence and haplotype linkage of mu opioid receptor gene with substance abuse in four populations</i></p> <p>Ke Xu, Jeanietta Terry, Christee Thomas, Alec Roy, Dirk Lichtermann, Wolfgang Maier, Matti Virkkunen, David Goldman</p>	

	<p><i>Adolescent marijuana use: Genetic and environmental risk factors within the family</i> Katherine Shelton, Kate Lifford, Gordon Harold, Mike Neale, Anita Thapar, Marianne van den Bree</p>
	<p><i>The role of GABA-A receptor genes in developmental trajectories of risk for substance dependence and related behavioral disorders</i> Danielle M Dick, Laura Bierut, Louis Fox, Kathleen K Bucholz, John Kramer, Samuel Kuperman, Victor Hesselbrock, Marc Schuckit, Bernice Porjesz, Henri Begleiter, John Nurnberger, Jr. , Xiaoling Xuei, Tatiana Foroud, & Howard J Edenberg</p>
	<p><i>Dynamic analysis of bio metric sources of individual differences in alcohol and tobacco use during adolescence and young adulthood among male twins</i> Carol A. Prescott, John J. McArdle, E. L. Murrelle and Kenneth S. Kendler</p>

3:15 – 5:00 pm	<p>Paper Session 7 Studio C</p>
	<p><i>Factor and Item-Response Analysis of DSM-IV Criteria for Abuse of and Dependence on Cannabis, Cocaine, Hallucinogens, Sedatives, Stimulants and Opioids.</i> Nathan A Gillespie, Michael C Neale, Carol A Prescott, Steven H Aggen and Kenneth S Kendler</p>
	<p><i>An Item Response Theory (IRT) Analysis of Conduct Disorder</i> Heather L. Gelhorn, Michael C. Stallings, John K. Hewitt</p>
	<p><i>Difficulties in the interpretation of statistical interactions of measured genotypes with measured environments in the prediction of behavioral phenotypes</i> Michael B. Miller</p>
	<p><i>Semiparametric Maximum Likelihood Variance Component Estimation Using Mixture Moment Structure Models</i> Kristian E. Markon</p>
	<p><i>Quantifying and addressing parameter indeterminacy in the classical twin design.</i> Matthew C. Keller and William L. Coventry</p>
	<p><i>Bayesian estimation of genetic correlations between polytomous variables using the classical twin design.</i> Stéphanie M. van den Berg, Adi Setiawan, Aad W. van der Vaart, Dorret I. Boomsma</p>
	<p><i>Exploring the Extent of Parameter Bias in the Classical Twin Design: A Comparison of Parameter Estimates from the Extended Twin-Family and Classical Twin Designs</i> William L. Coventry, Matthew C. Keller</p>

5:00 – 5:30 pm	30 Minute Break
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5:30 – 7:00 pm	Poster Session I	Room: TBA
	<i>The role of female choice in sexual selection of Drosophila pseudoobscura</i> Yong-Kyu Kim, Christine Bassett and Wyatt Anderson	
	<i>Individual differences in mouse maternal retrieval: The roles of genotype, apparatus and an anxiolytic agent</i> Martin E. Hahn, Rohan Palmer, Norman Schanz, Kristen Symanski, and Krishna Tobon	
	<i>Individual Variation in Mouse Pup Ultrasonic Vocalization Waveforms: Effects of Genotype, Treatment, and Prenatal Cocaine Exposure</i> Krishna E. Tobon, Martin E. Hahn, and Norman Schanz	
	<i>Identification of genes associated with cerebellar abnormalities in Down Syndrome (DS)</i> Zohra Seregaza, P. L. Roubertoux, A. Viola, S. Confort-Gouny, P.J. Cozzone, M. Jamon, D. J. Smith and E. Rubin	
	<i>A generalized estimating equation (GEE-2) approach to family-based association study of substance use phenotypes in adolescents</i> Nathan K. Risk, Qiang (John) Fu, Rumi Kato Price <i>The genetics of planning ability: A twin study of middle-aged men</i> William S. Kremen, Kristen C. Jacobson, Hong Xian, Jennifer A. Nowack, Robin M. Taylor, Seth A. Eisen, Ming T. Tsuang, and Michael J. Lyons	
	<i>The temporal relations of the onsets of alcohol dependence and depression: using a genetically informative study design</i> Po-Hsiu, Kuo, Charles, O. Gardner, Kenneth S. Kendler, and Carol A. Prescott.	
	<i>Sex difference in the importance of genetic influences on chronic widespread pain</i> Kenji Kato, Patrick F. Sullivan, Birgitta Evengård, and Nancy L. Pedersen	
	<i>Associations between Perceived Control and Approach-Avoidance: Examining Genetic and Environmental Influences</i>	

	Briana N Horwitz and Susan Charles
	<i>Laterality and intellectual impairment in genetic diseases</i> Aude Gérard, Michèle Carlier, Catherine Ayoun, Michelle Murré, Laurent Villard, Brigitte Chabrol, Nicole Philip
	<i>Sex-dependent expression of familial risk for alcoholism</i> Jessica H. Baker, Carol A. Prescott, Charles O. Gardner, Kenneth S. Kendler
	<i>Schizophrenia and low birth weight– is the association due to common genes or common environments?</i> Emma Nilsson, Christina M. Hultman, Sven Cnattingius, Petra Otterblad Olausson and Paul Lichtenstein
	<i>Happiness: Stability and change - genetic and environmental contributions</i> Ragnhild B. Nes, E. Røysamb, T. Reichborn-Kjennerud, K. Tambs & J. R. Harris
	<i>Smoking decreases genetic variance in Body Mass Index among middle-aged male twins</i> Carol E. Franz, Kristen C. Jacobson, Michael Grant, Hong Xian, Ming T. Tsuang, William S. Kremen, Seth Eisen and Michael J. Lyons
	<i>Coping with stressful situations and personality: A biometric analysis</i> Dana S. Thordarson, Kerry L. Jang, Murray B. Stein, Sharon L. Cohan, Steven Taylor, and W. John Livesley
	<i>Executive cognitive functioning and maladaptive personality traits in adult twins</i> Jeanette E. Taylor
	<i>Linkage signals for illicit drug phenotypes: Results from the Nicotine Addiction Genetics Project</i> Arpana Agrawal, Andrew C. Heath, Michele Pergadia, Scott F. Saccone, Danielle Dick, Julia D. Grant, Michael Lynskey, John P. Rice, Alexandre Todorov, Alison Goate, Jen Wang, Shantia Shears, Nicholas G. Martin and Pamela A. F. Madden
	<i>Linkage Analyses of IQ in the Collaborative Study on the Genetics of Alcoholism (COGA) Sample</i> Fazil Aliev, Danielle M. Dick, Laura Bierut, Alison Goate, John Rice, Anthony Hinrichs, Sarah Bertelsen, Jen Wang, Gerald Dunn, Bernice Porjesz, Henri Beglieter, & Victor Hesselbrock
	<i>Biological and Environmental Factors in the Prediction of Adult Smoking Patterns Among Adult Adoptees</i> Kristin Caspers
	<i>ALDH2 and ADH1B polymorphisms and alcohol-related behaviors in Asian adopted individuals</i> Daniel E. Irons, Matt McGue, William G. Iacono and William S Oetting
	<i>Melanopsin Polymorphisms in Seasonal Affective Disorder</i>

	Kathryn A. Roecklein, Ignacio Provencio, Mark D. Rollag, and Kelly J. Rohan
	<i>Sex differences in genetic and environmental influences on smoking and drinking behaviors among Japanese adolescents and young adults: A twin study</i> Ryoko Nakajima, Yutaka Ono, Kimio Yoshimura, Nobuhiko Kijima, Rumi Kato Price, Juko Ando
	<i>Genetic etiology of reading difficulties as a function of gender and severity</i> Jesse L. Hawke, Sally J. Wadsworth, Richard K. Olson and John C. DeFries
	<i>Linkage for Cannabis Dependence on Chromosomes 3 and 9</i> Jeffrey M Lessem, Christian J Hopfer, Stacey S Cherny, Robin P Corley, John K Hewitt, Kenneth S Krauter, Susan K Mikulich, Soo Hyun Rhee, Andrew Smolen, Susan E Young, Thomas J Crowley
	<i>Reading Ability, Inattention and IQ in Children</i> Allison Zumberge, Laura A. Baker, Frank Manis
	<i>Etiology and structure of the Wisconsin Card Sorting Task (WCST)</i> Detre A. Godinez, Soo Hyun Rhee, Naomi Friedman, Susan E. Young, Robin Corley, John C. DeFries, Akira Miyake, John K. Hewitt
	<i>How parents influence school grades: Hints from a sample of adoptive and biological families</i> Wendy Johnson, Matt McGue, and William G. Iacono
	<i>Social closeness of MZ and DZ twin parents toward their nieces and nephews</i> Segal, N.L., Seghers, J., Castillo, R., Vanevery, A., & Moreno, T.
	<i>The effects of childhood familial disruptions on early adult intimate relationships</i> Sally-Ann Rhea, Josh Bricker, and Robin P. Corley

Friday July 1

Friday July 1 8:00 – 9:15 am	Paper Session 8	Studio A & B
	<i>Physical attractiveness and dermatoglyphic asymmetries predict externalizing behaviors in children: Genes or prenatal environment?</i>	

	K.S. Lemery, N. L. Schmidt, A. A. Justen, & H. H. Goldsmith
	<i>A twin study investigating the genetic architecture of autistic traits in middle childhood: Evidence for genetic heterogeneity</i> A. Ronald, F. Happé, P. Bolton, L. M. Butcher, T. S. Price, S. Baron-Cohen, and R. Plomin
	<i>Twin concordance for the autism spectrum based on community diagnoses and screening of a birth cohort</i> E. Kees, R. Hefter, J. Klaver, S. Schweigert, C. Arneson, M. Gernsbacher, & H. H. Goldsmith
	<i>Strong Evidence That KIAA0319 on Chromosome 6p Is a Susceptibility Gene for Developmental Dyslexia</i> Julie Williams, Natalie A. Cope, Denise H. Harold, Gary T. Hill, Valentina Moskvina, Jim Stevenson, Peter Holmans, Michael J. Owen, & Michael C. O'Donovan
	<i>Gene expression in mice carrying an extra copy of chromosomal fragments covering the Down Syndrome Chromosomal Region-(DCR-)</i> Pierre L. Roubertoux, Z. Seregaza, M. Jamon, D. J. Smith and E. Rubin

8:00 – 9:15 am	Paper Session 9	Studio C
	<i>Can overlapping QTLs account for correlations between Eysenck and Cloninger personality dimensions?</i> Nick Martin, Dorret Boomsma, Andrew Birley, Leo Beem, Patrick Sullivan	
	<i>Temperament across adolescence: genetic and environmental contributions to stability and change</i> Jody M. Ganiban and Jenae M. Neiderhiser	
	<i>Genetic and Environmental Transmission of Masculinity-Femininity: Parent-Offspring Models</i> Richard J. Viken Richard J. Rose, Jaakko Kaprio, & Markku Koskenvuo	
	<i>Personality and the Genetic Risk for Comorbid Internalizing and Externalizing Behavior in Adolescents</i> Victoria E. Cosgrove, Soo Hyun Rhee, Marissa A. Ehringer, Susan E. Young, Robin C. Corley, and John K. Hewitt	
	<i>How money buys happiness: Genetic and environmental processes linking finances and life satisfaction</i> Wendy Johnson and Robert F. Krueger	

9:15 – 10:15	Paper Session 10 Speaker: Caleb Finch	Studio A & B
PLENARY	Title: Genetics and Longevity	

10:15 – 10:30	15 Minute Break	
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10:30 - 12:30 PLENARY	Paper Session 11 – Symposium <i>Brain Imaging: Defining new endophenotypes</i> CHAIR: C. Robert Almli	Studio A & B
	<i>Magnetic resonance imaging and behavioral genetics: Structural and functional methods and analyses</i> C. Robert Almli	
	<i>Imaging phenomics in neuropsychiatric syndromes</i> Robert M. Bilder and Tyrone Cannon, Ph.D	
	<i>Functional magnetic resonance imaging in autism: Foundations and implications of cerebellar dysfunction</i> Greg Allen	
	<i>Brain anatomy and brain spectroscopy in transpolygenic mice carrying extra copies of HSA21</i> Angèle Viola, Z. Seregaza, S. Confort-Gouny, P.J. Cozzone, and P. L. Roubertoux	

12:30 – 2:00	Lunch	
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2:00 – 4:00 pm	Paper Session 12 – Symposium <i>Genetics of exercise ability and exercise behavior</i> CHAIR: Danielle Posthuma DISCUSSANT: Eco De Geus	Studio A & B
	<i>Genetics of exercise ability and exercise behavior</i> Eco de Geus & Danielle Posthuma	
	<i>Longitudinal Study of Leisure Physical Activity in Twins from Age 6</i>	

	<i>to Young Adulthood</i> Jaakko Kaprio, Urho Kujala, Richard J. Viken, Richard J. Rose
	<i>Heritability of exercise participation and the amount of weekly energy expended in exercise</i> Janine H. Stubbe, Jacqueline M. Vink, Dorret I. Boomsma, and Eco J.C. de Geus
	<i>Heritability of physical fitness in the Leuven Longitudinal Twin Study. Strength development during adolescent growth: application of maturity-aligned longitudinal analyses and covariation in latent structured growth curves</i> Maarten W. Peeters, Martine A. Thomis, Hermine H.M. Maes, Ruth J.F. Loos, Albrecht L. Claessens, Robert Vlietinck, Gaston P. Beunen
	<i>The HERITAGE family study: individual differences in exercise training response</i> Tuomo Rankinen <i>Discussion</i> Discussant: Eco De Geus

2:00 – 4:00 pm	Paper Session 13	Studio C
	<i>Maternal smoking exposure prenatally moderates genetic and environmental influence on youth conduct problems</i> Carol A. Van Hulle, Robert F. Krueger, Irwin P. Waldman, Benjamin B. Lahey	
	<i>Genetic and Cultural Transmission of Smoking Initiation. An Extended Twin Kinship Model Revisited.</i> Hermine H. Maes, Michael C. Neale, Kenneth S. Kendler, Nicholas G. Martin, Andrew C. Heath, Lindon J. Eaves	
	<i>Interactions between genetic and lifestyle factors influence variation in body mass index in Norwegian twins</i> T. Rønning & J. R. Harris	
	<i>Three-Stage Twin Modeling and Gene Association Analysis with DSM-IV Nicotine Withdrawal</i> Michele L. Pergadia, Andrew C. Heath, Arpana Agrawal, Scott Saccone, Alison Goate, Danielle M. Dick, Alexandre A. Todorov, John Rice, Nicholas G. Martin, Jen C. Wang, and Pamela A. F. Madden	
	<i>Association of the Serotonin Transporter Gene with Nicotine Dependence</i> George D. Papandonatos, Susan L. Santangelo, Jeanne M. McCaffery, Michael Lyons, Ming T. Tsuang, Raymond Niaura, and Stephen Buka	

	<p><i>The role of family and non-family environment in adolescent and young adult smoking: an offspring of twins design</i> Hong Xian, Jeffrey F. Scherrer, Seth A. Eisen, Kathleen K. Bucholz, Andrew A. Heath, Theodore Jacob and William R. True</p>
	<p><i>Assortative mating for two-stage conditional models: smoking behavior as an example</i> Arpana Agrawal, Andrew C. Heath, Julia D. Grant, Michele Pergadia, Dixie Statham, Nicholas G. Martin, Kathleen K. Bucholz and Pamela A. F. Madden</p>

4:00 – 4:15 pm	15 Minute Break
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4:15 – 5:45 pm	Poster Session II	Room TBA
	<p><i>The Heritability Of Frontal EEG Asymmetry During Resting And Emotion States</i> James A. Coan, Richard J. Davidson, H. Hill Goldsmith, Corrina Frye, Robin Locke, & Zachary Zugin</p>	
	<p><i>State Changes In Child Frontal EEG Asymmetry During The Laboratory Temperament Assessment Battery (Lab-Tab)</i> James A. Coan, Richard J. Davidson, H. Hill Goldsmith, Corrina Frye, Robin Locke, & Zachary Zugin</p>	
	<p><i>Apolipoprotein E and brain development in healthy children</i> Kristin N. Taylor, A. Blythe Rose, Liv S. Clasen, Jonathan A. Blumenthal, Rhoshel Lenroot, Gregory L. Wallace, Amanda J. Myers, John Hardy and Jay N. Giedd</p>	
	<p><i>Heritability of child and adolescent brain morphometry</i> Sarah J. Ordaz, Michael A. Rosenthal, Liv S. Clasen, Jonathan A. Blumenthal, Rhoshel Lenroot, Gregory L. Wallace, J. Eric Schmitt, Michael C. Neale, Kenneth S. Kendler, and Jay N. Giedd</p>	
	<p><i>The Impact of Pubertal Development on Aggressive Versus Non-Aggressive Antisocial Behavior in Females</i> Janeen A. DeMarte, S., S. Alexandra Burt, & Matt McGue</p>	
	<p><i>Heritability of personality dimensions from Junior Temperament and Character Inventory</i> Joshua D. Isen, Laura A. Baker</p>	
	<p><i>Assessing Executive Function and Antisocial Behavior in Children: A Twin Study</i></p>	

	Serena Bezdjian, Laura A. Baker, Adrian Raine
	<i>Peer Influence on Adolescent Risk Behaviors: A Behavioral Genetic Approach</i> Jennifer E. Hill, Derek C. Ford, Robert E. Emery, Eric Turkheimer, Paige Harden, Jane Mendle
	<i>Protective and risk factors in the development of antisocial behavior</i> LaTanya A. Carter, S. Alexandra Burt, & Matt McGue
	<i>Pubertal timing and antisocial behavior in early and late adolescence: A longitudinal twin study</i> Catherine Tuvblad, Martin Grann, Jerzy Sarnecki, Paul Lichtenstein
	<i>Comparing Mother and Self-Report of Child Internalizing Symptoms: Are Children Better Reporters?</i> Lisa A. Doelger and Kathryn S. Lemery
	<i>The Role of Monamine Oxidase-A and Childhood Adversity as Risk Factors for Conduct Disorder in Adolescent Females</i> Elizabeth C. Prom, Debra L. Foley, Brien P. Riley, Brandon K. Wormley, Lindon J. Eaves, Judy L. Silberg <i>Case-Control Association Study of DAT- and Conduct Disorder in Adolescents</i> R. Jay Schulz-Heik, Sarah Maentz, Soo Hyun Rhee, Susan E. Young, Michael C. Stallings, David Timberlake, Andrew Smolen, Gary Stetler, and Thomas J. Crowley
	<i>Genetic influences on behavior and emotional problems in Russian adolescents: a twin study using multi-informant data</i> Elena D. Gindina, Sergei B. Malykh and Marina M. Lobaskova
	<i>Early physical maturation, romantic relationships and adolescent problem behavior</i> Jane Mendle, Eric Turkheimer, Robert E. Emery, & Derek C. Ford
	<i>Aggression as a Mediator of Genetic Contributions to the Association between Negative Parent-Child Relationships and Adolescent Antisocial Behavior</i> Jurgita Narusyte, Anna-Karin Andershed and Paul Lichtenstein
	<i>Characterizing behavioral traits in 11 and 14 year-olds using teacher ratings: A longitudinal approach</i> Jacob P. Buchanan, W. G. Iacono, and M. K. McGue
	<i>Gene-environment correlations in peer selection as related to adolescent antisocial behavior: A molecular genetic pilot study</i> S. Alexandra Burt
	<i>Is the comorbidity between substance use disorders explained by Conduct Disorder?</i> Tanya M. M. Button, Soo Hyun Rhee, John Hewitt, Susan Young, Michael C. Stallings
	<i>Social risk factors in childhood externalizing behavior problems: Understanding differences within and between ethnic groups in a community sample of twins</i>

	Ninive Sanchez, Laura A. Baker, Adrian Raine
	<i>Genetic, Environmental, and Personality Factors Contributing to Positive Alcohol Expectancies in Early Adolescent Twins</i> Alice P. Villatoro, Laura A. Baker, and Adrian Raine
	<i>Are the Environments of Adopted Adolescents Low Risk: Evidence from the Sibling Interaction and Behavior Study</i> Matt McGue, Wendy Johnson, Margaret A. Keyes, Anu Sharma and W.G. Iacono
	<i>The Heritability of Religiousness in Adolescent Adoptees</i> Laura B. Koenig, Matt McGue and William G. Iacono
	<i>A twin study of Alcohol Use and School-Related Factors</i> Kate J. Lifford, Katherine H. Shelton, Anita Thapar & Marianne B. M. van den Bree
	<i>Young motherhood and offspring outcomes in the children of twins</i> Stacy Lynch, Eric Turkheimer, K. Paige Harden, & Robert E. Emery
	<i>Modeling rater differences in ADHD: Are parents and teachers observing the same phenotype?</i> Christie Hartman, Soo Rhee, Erik Willcutt, and Bruce Pennington
	<i>Familial Transmission of Antisocial Behavior: The Moderating Role of Father Participation in Child Rearing</i> Ryan W. Herndon, W.G. Iacono, and Matt McGue
	<i>Genetic and environmental influences on height during childhood in a sample of South Korean twin families</i> Yoon-Mi Hur
	<i>Sex differences in bivariate heritability for relational aggression and delinquency in twin pairs</i> Rebecca A. Gaffney-Brown, Erik G. Willcutt, Bruce F. Pennington, and John C. DeFries
	<i>Distributional properties of speech fluency in adults who do and do not stutter</i> Susan Felsenfeld, Thomas Kubarych, Nicholas G. Martin and Michael C. Neale

Saturday July 2

Saturday July 2 8:30 – 10:00	Paper Session 14 Studio A & B
PLENARY	Chair: Chandra Reynolds
	<i>Mixed-Effects Variance Components Models for Biometric Family and Longitudinal Analyses</i> John J. McArdle & Carol A. Prescott
	<i>Advances in Behavioral Genetics Modeling Using Mplus</i> Tihomir Asparouhov & Bengt Muthen
	<i>Finite mixture distribution models for latent GxG, GxC and GxE interaction</i> Michael C. Neale and Nathan Gillespie
	<i>SASPairs Interactive: Genetic model fitting using a point-and-click interface in SAS (and SPSS)</i> Gregory Carey

10:00 – 10:30	30 Minute Break	
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10:30 am – 12:30 pm	Paper Session 15 – Symposium Studio A & B <i>Cognitive, Psychophysiological, and Personality Endophenotypes for Genetic Studies of Child Psychopathology</i> CHAIR: Irwin D. Waldman DISCUSSANT: Robert Krueger
	<i>Are personality traits endophenotypes for antisocial behavior?</i> Laura A. Baker, Joshua Isen, Serena Bezdjian, and Adrian Raine
	<i>Genetic and Environmental Influences on the Covariation of Negative Emotionality and Internalizing Symptoms in Children</i> Amber L. Singh, Irwin D. Waldman
	<i>Endophenotypes for Molecular Genetic Studies of ADHD: Genetic Association Analyses Utilizing Alternative Continuous Performance Task Error Indices</i> Ian R. Gizer and Irwin D. Waldman
	<i>Genetic Mediation of the Relationship between Arousal and Antisocial Behavior in Pre-Adolescent Twins</i> Kristen C. Jacobson, Laura A. Baker, Allison Zumberge, Dora Lozano, and Adrian Raine
	<i>Testing for Genetic Dissociation between Two Dopamine Genes and Measures of Executive Functions Relevant to ADHD</i> Irwin D. Waldman and Ian R. Gizer
	<i>Discussion</i>

	Discussion Leader: Robert Krueger
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10:30am – 12:30 pm	Paper Session 16	Studio C
	<i>Physical Disability and Late-Life Depression: Main and Interactive Effects</i> Matt McGue and Kaare Christensen	
	<i>Relative associations of trauma and genetic effects with panic-depression comorbidity versus single disorders in a twin sample over time</i> Vivia V. McCutcheon, Andrew C. Heath, Elliot C. Nelson, Kathleen K. Bucholz, Pamela A.F. Madden, Nicholas G. Martin	
	<i>Are specific deficits useful for endophenotype-gene relationships? An empirical test using context processing and COMT</i> Angus W. MacDonald, III, Cameron S. Carter, Janine D. Flory, Robert E. Ferrell & Stephen B. Manuck <i>Schizophrenia and bipolar disorder share a common genetic etiology: A study of 1 million first and second degree relatives in Swedish</i> Paul Lichtenstein, Ben Yip, Camilla Björk, Yudi Pawitan, Christina Hultman	
	<i>Genetic association tests of RGS genes on chromosome q for depression and correlated traits in The Netherlands Twin-family Study of Anxious Depression (NETSAD)</i> DI Boomsma, AL Beem, G Willemsen, JJ Hottenga, EJC de Geus, CM Middeldorp, P Sullivan, E Suchiman, N Lakenberg, PE Slagboom	
	<i>Alcoholism and externalizing disorders: Comorbidity mediated via intrauterine exposure</i> Valerie S. Knopik, Richard D. Todd, Pamela A.F. Madden, Kathleen K. Bucholz, and Andrew C. Heath	
	<i>Genotype-Environment Correlation In Fathering and Mothering: Comparing Child-Based and Parent-Based Designs</i> Jenae M. Neiderhiser and Paul Lichtenstein	

12:30 – 1:30	Lunch (1 hour only)	
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1:30 – 2:30 pm	Paper Session 17	Studio A & B
	<i>A parent-report approach to the genetics of the relationship between ADHD and reading problems</i> David Hay, Neilson Martin, Kellie Bennett, Jan Piek, Florence Levy, Abdullah Sheikhi	
	<i>Is the combination of ADHD and conduct problems a genetically influenced risk factor for psychopathic personality traits?</i> Henrik Larsson, Henrik Andershed, Paul Lichtenstein	
	<i>Are genetic and environmental influences on birth weight similar between Caucasians and East Asians? A comparison of child and adolescent twin samples from Australia, China, South Korea, the Netherlands and the United States.</i> Yoon-Mi Hur, C. E. M. van Beijsterveldt, D. I. Boomsma, T. Chen, W. G. Iacono, C. Ji, J. K. Jun, M. Luciano, N. G. Martin, M. McGue	
	<i>A cross-sectional examination of morningness-eveningness in a sample of South Korean twins</i> Yoon-Mi Hur	

1:30 – 2:30 pm	Paper Session 18	Studio C
	<i>A behavioral genetic analysis of inhibitory control at 24 months of age</i> Jeffrey R. Gagne and Kimberly J. Saudino	
	<i>Genetic and neuropsychological bases of proactive and reactive aggression</i> James Dent, David Hay, Kellie Bennett, Neilson Martin, Jan Piek, Florence Levy	
	<i>Genetic and environmental mechanisms underlying stability in childhood withdrawn behavior</i> Rosa A. Hoekstra, M. Bartels, J. J. Hudziak, C. E. M. van Beijsterveldt, D. I. Boomsma	
	<i>Investigating individual differences in imitative performance at age two: A twin study</i> Susan K. Fenstermacher and Kimberly J. Saudino	

2:30 – 3:30 pm	Business Meeting	Room TBA
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