# Summary of All Sessions

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<tr>
<th>#</th>
<th>Date/Time</th>
<th>Location</th>
<th>Type</th>
<th>JEL</th>
<th>Room</th>
<th>Title</th>
<th>Papers</th>
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<tr>
<td>1</td>
<td>June 3, 2010 9:00-10:30</td>
<td>N/A</td>
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<td>Symposium: Developmental Models of Genetic and Environmental Influence on Cognitive Ability</td>
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<td>Symposium: Developmental Disorders: The genetics of autism and the cognitive characteristics of ADHD</td>
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<td>June 3, 2010 11:00-12:30</td>
<td>N/A</td>
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<td>Symposium: Mouse genetic approaches to understanding higher cognitive functions: Genes, Synapses, and Circuits</td>
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<td>Symposium: Internalizing Psychopathology</td>
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<td>Paper Session: Animal Behavior Genetic Studies of Taste, Growth, Personality, and Neuroimaging</td>
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<td>Symposium: Externalizing Psychopathology: ADHD and Impulsivity</td>
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<td>Symposium: Genetic Studies of Work Behavior</td>
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<td>Symposium: Externalizing Psychopathology: Aggression, Psychopathy, &amp; Antisocial Behavior</td>
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<td>9</td>
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<td>9:00-10:30</td>
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<td>Symposium: Imaging Genetics: A Happy Marriage?</td>
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<td>10</td>
<td>June 4, 2010</td>
<td>9:00-10:30</td>
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<td>Paper Session: Drinking &amp; Alcohol Problems</td>
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<td>11</td>
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<td>Paper Session: Personality</td>
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<td>13</td>
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<td>Symposium: Statistical Issues in Genetic Association Studies</td>
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<td>14</td>
<td>June 4, 2010</td>
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<td>Paper Session: IQ, Cognitive Abilities, and Language: Part I</td>
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<td>15</td>
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<td>Paper Session: IQ, Cognitive Abilities, and Language: Part II</td>
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<td>Business Meeting</td>
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27 sessions, 123 papers

40th Annual Meeting of the Behavior Genetics Association

Complete List of All Sessions

Session 1: Symposium: Developmental Models of Genetic and Environmental Influence on Cognitive Ability

Session Chair: **Kathryn Harden**, University of Virginia
Session type: contributed
Date: June 3, 2010
Time: 9:00 - 10:30

Multivariate genetic analysis of longitudinally measured cognitive abilities
By Sanja Franić; VU University Amsterdam, The Netherlands
Conor V. Dolan; University of Amsterdam, The Netherlands
Denny Borsboom; University of Amsterdam, The Netherlands
Catherina E.M. van Beijsterveldt; VU University Amsterdam, The Netherlands
Dorret I. Boomsma; VU University Amsterdam, The Netherlands

Time-limited effect of the nonshared environment on cognitive ability
By Christopher Beam; University of Virginia
William T. Dickens; Northeastern University
Eric Turkheimer; University of Virginia

Genes Amplify Interest-Achievement Matching for Adolescents Living in Higher Income Homes
By Elliot M. Tucker-Drob and K. Paige Harden;
The University of Texas, Austin, Texas

Community Structural Factors and Genetic Influences on Adolescent Cognitive Ability
By K. Paige Harden; University of Texas at Austin
Elliot M. Tucker-Drob; University of Texas at Austin

Session 2: Symposium; Developmental Disorders: The genetics of autism and the cognitive characteristics of ADHD

Session Chair: Tinca Polderman, VU University Amsterdam
Session type: contributed
Date: June 3, 2010
Time: 9:00 - 10:30

ADHD related symptoms and the genetic association with cognition
By Tinca JC Polderman; Dept. Functional Genomics, Center for Neurogenomics and Cognitive Research (CNCR), VU University, Amsterdam, The Netherlands

The genetic architecture of event-related brain dynamics in ADHD
By Gráinne McLoughlin; MRC SGDP Centre, Institute of Psychiatry, King’s College, London, UK
Fruhling Rijskdijk; MRC SGDP Centre, Institute of Psychiatry, King’s College, London, UK
Jonna Kuntsi; MRC SGDP Centre, Institute of Psychiatry, King’s College, London, UK
Philip Asherson; MRC SGDP Centre, Institute of Psychiatry, King’s College, London, UK
Nima Bigdely Shamlo; Institute for Neural Computation, University of California San Diego, USA
Jason Palmer; Institute for Neural Computation, University of California San Diego, USA
Scott Makeig; Institute for Neural Computation, University of California San Diego, USA

Disentangling genetic and assortative mating effects on autistic traits: an extended twin family study in adults
By Rosa A. Hoekstra; Department of Life Sciences, Faculty of Science, The Open University, Milton Keynes, UK
Anna A.E. Vinkhuyzen; Functional Genomics, Center for Neurogenomics and Cognitive Research (CNCR), VU University, Amsterdam, the Netherlands
Sophie van der Sluis; Functional Genomics, CNCR, VU University, Amsterdam, the Netherlands
Danielle Posthuma; Functional and Medical Genomics, CNCR, VU University, Amsterdam, the Netherlands

Evidence from two independent population-based twin studies for behavioral and genetic ‘fractionation’ of autistic symptoms
By Angelica Ronald; Centre for Brain and Cognitive Development, Birkbeck, University of London
Henrik Larsson; Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden
Henrik Anckarsater; Forensic Psychiatry, Institute of Neuroscience and Physiology, Sahlgren’s Academy, University of Gothenburg, Sweden
Elise Robinson; Harvard School of Public Health, Harvard, USA
Karestan Koenen; Harvard School of Public Health, Harvard, USA
Francesca Happe; Social Genetic and Developmental Psychiatry Centre, Institute of Psychiatry, King’s College London, UK
Robert Plomin; Social Genetic and Developmental Psychiatry Centre, Institute of Psychiatry, King’s College London, UK
Paul Lichtenstein; Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden

Session 3: Symposium: Mouse genetic approaches to understanding higher cognitive functions: Genes, Synapses, and Circuits

Session Chair: Daesoo Kim, KAIST
Session type: contributed
Date: June 3, 2010
Time: 11:00 - 12:30

Observational fear learning by empathy involves affective pain system and Cav1.2 Ca2+ channels in anterior cingulate cortex.
By Hee-Sup Shin; Center for Neural Science, KIST
Seoul, Korea

Genes contributing to brain and cognitive impairment of mouse models for Trisomy 21 (Down syndrome)
By Pierre L Roubertoux; INSERM 910, Génétique Médicale & Génomique fonctionnelle, Aix-Marseille 2 University, 13331 Marseille, France
Michèle Carlier; 2LPC UMR 6146 CNRS and Aix-Marseille University University, 13331 Marseille, France

Genetic studies of stuttering
By Changsoo Kang; NIDCD/National Institutes of Health, Bethesda, MD, USA.
Sheikh Riazuddin; National Centre of Excellence in Molecular Biology, University of the Punjab, Lahore, Pakistan.
Jennifer Mundorff; Hollins Communications Research Institute, Roanoke, VA, USA.
Donna Krasnewich; NHGRI/National Institutes of Health, Bethesda, MD, USA.
Penelope Friedman; Clinical Center, National Institutes of Health, Bethesda, MD, USA.
James C. Mullikin; Genome Technology Branch/National Human Genome Research Institute, Bethesda, MD, USA.
Dennis Drayna; NIDCD/National Institutes of Health, Bethesda, MD, USA.

PSD-95-associated proteins in the regulation of higher brain functions
By Eunjoon Kim; Department of Biological Sciences, Korea Advanced Institute of Science and Technology (KAIST), Daejeon 305-701, Korea

Identifying a fear memory trace
By Jin-Hee Han; KAIST

Session 4: Symposium: Internalizing Psychopathology

Session Chair: Meike Bartels, VU University
Session type: contributed
Date: June 3, 2010
Time: 11:00 - 12:30

**Toddlers’ Aversive Behavior toward their Mothers: Authoritative Parenting Improves Outcomes for Children with High Genetic Risk for Internalizing Problems**

By Leslie D. Leve; Oregon Social Learning Center
Kimberly Rhoades; Oregon Social Learning Center
Gordon T. Harold; University of Otago
Jenae M. Neiderhiser; The Penn State University
John B. Reid; Oregon Social Learning Center
Laura V. Scaramella; University of New Orleans
Daniel S. Shaw; University of Pittsburgh
David Reiss; Yale Child Study Center

**Testing Causality in the Association between Exercise and Internalizing Problems in Adolescents**

By Niels van der Aa; VU University Amsterdam
Eco J.C. de Geus; VU University Amsterdam
Marleen M. de Moor; VU University Amsterdam
Dorret I. Boomsma; VU University Amsterdam
Meike Bartels; VU University Amsterdam

**Genetic and Environmental Influences on the Association between Early Puberty and Internalizing Problems**

By Kristine Marceau; The Pennsylvania State University
Jenae M. Neiderhiser; The Pennsylvania State University
Paul Lichtenstein; Karolinska Institute

**Parental divorce and children’s behavioral problems: evidence for gene-environment interaction**

By Sylvana C.C. Robbers; Erasmus University Medical Center – Sophia, Rotterdam, The Netherlands; VU University Amsterdam, The Netherlands.
Meike Bartels; VU University Amsterdam, The Netherlands.
Floor V.A. van Oort; Erasmus University Medical Center – Sophia, Rotterdam, The Netherlands.
Frank C. Verhulst; Erasmus University Medical Center – Sophia, Rotterdam, The Netherlands.
Anja C. Huizink; University of Amsterdam, The Netherlands.
Dorret I. Boomsma; VU University Amsterdam, The Netherlands.

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**Session 5: Paper Session: Animal Behavior Genetic Studies of Taste, Growth, Personality, and Neuroimaging**
Session 6: Symposium: Externalizing Psychopathology: ADHD and Impulsivity

Session Chair: Irwin Waldman, Emory University
Session type: contributed
Date: June 3, 2010
Time: 13:30 - 15:00

Genome-wide association analysis of Attention Deficit Hyperactivity Disorder
By Benjamin Neale; Massachusetts General Hospital and the Broad Institute of Harvard and MIT
ADHD subgroup of Psychiatric GWAS Consortium

Genome-wide linkage and association study of ADHD in adults
By Dorret I Boomsma; Biol Psychol, VU Univ, Amsterdam, Netherlands
Viatcheslav Saviouk; Biol Psychol, VU Univ, Amsterdam, Netherlands
Jouke-Jan Hottenga; Biol Psychol, VU Univ, Amsterdam, Netherlands
Eco JC de Geus; Biol Psychol, VU Univ, Amsterdam, Netherlands
Gonneke Willemsen; Biol Psychol, VU Univ, Amsterdam, Netherlands

Understanding Between-Study Heterogeneity in the Association of Childhood Attention Deficit Hyperactivity Disorder with DAT1, DRD4, and the 5HTTLPR
By Irwin D. Waldman; Emory University
Lu Dong; Emory University
Courtney Ficks; Emory University
Ian Gizer; University of North Carolina-Chapel Hill

Smoking during pregnancy, maternal xenobiotic metabolism genes, and child externalizing behavior: A case-crossover design
By Valerie S. Knopik; Division of Behavioral Genetics, Dept of Psychiatry, Rhode Island Hospital, Brown University, Providence, RI
Nicole Nugent; Department of Psychiatry and Human Behavior, Brown University, Providence, RI;
John McGearry; Division of Behavioral Genetics, Dept of Psychiatry, Rhode Island Hospital, Brown University, Providence, RI
Andrew C. Heath; Missouri Alcoholism Research Center, Departments of Psychiatry and Genetics, Washington University School of Medicine, St. Louis, MO

How Phenotype Affects the Genes We Find
By Danielle M. Dick; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
Fazil Aliev; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia
Session 7: Symposium: Genetic Studies of Work Behavior

Session Chair: Zhaoli Song, National University of Singapore
Session type: contributed
Date: June 3, 2010
Time: 15:30 - 17:00

The Heritability of Work Design Characteristics
By Wen-Dong Li; National University of Singapore
Richard D. Arvey; National University of Singapore
Zhaoli Song; National University of Singapore

Heritability of Leadership Emergence as a Function of Age and Gender
By Richard D. Arvey; National University of Singapore
Sankalp Chaturvedi; Imperial College London
Michael Zyphur; University of Melbourne
Bruce Avolio; University of Nebraska, Lincoln
Gerry Larsson; Swedish National Defence College
Paul Lichenstein; Karolinska Institutet

Associations between Dopamine and Serotonin Genes and Job Satisfaction
By Zhaoli Song, Wendong Li, & Richard Arvey;
Dept of Management and Organization, NUS Business School, National University of Singapore, Singapore

The relationships between HT2RA gene, negative mood and job satisfaction in daily life: An event-sampling approach
By
Nan Wang and Zhaoli Song;
Dept of Management and Organization, NUS Business School, National University of
Singapore, Singapore

Moderating Effects of Earlier Family Environment on Genetic Influences on Entrepreneurship
By Zhen Zhang; Arizona State University
Remus Ilies; Michigan State University
Richard Arvey; National University of Singapore

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Session 8: Symposium: Externalizing Psychopathology: Aggression, Psychopathy,
& Antisocial Behavior

Session Chair: Irwin Waldman, Emory University
Session type: contributed
Date: June 3, 2010
Time: 15:30 - 17:00

Interaction between alcohol and oxytocin receptor gene (OXTR) polymorphisms on aggressive
behavior in men: An experimental study
By Ada Johansson; Department of Psychology and Logopedics/Center of Excellence in
Behavior Genetics, Åbo Akademi University, Finland
Lars Westberg; Department of Pharmacology/Center of Excellence for Research on Sex
Steroids, Sahlgrenska Academy, University of Gothenburg, Sweden
Bettina von der Pahlen; Department of Psychology and Logopedics/Center of Excellence in
Behavior Genetics, Åbo Akademi University, Finland
Pekka Santtila; Department of Psychology and Logopedics/Center of Excellence in Behavior
Genetics, Åbo Akademi University, Finland

Confirmatory factor analysis of the Antisocial Process Screening Device
By Lu Dong; Emory University
Irwin D. Waldman; Emory University

Concern and Disregard for Others as Predictors of Antisocial Behavior
By Soo Hyun Rhee; University of Colorado-Boulder
Debra L. Boeldt; University of Colorado-Boulder
Robin C. Corley; University of Colorado-Boulder
John K. Hewitt; University of Colorado-Boulder
Laura K. Hink; University of Colorado-Boulder
Ariel Knafo; The Hebrew University of Jerusalem
Benjamin S. Lahey; University of Chicago
Neuropeptide Y Moderates the Impact of Childhood Stress on Behavior Problems
By T. Caitlin O'Brien; Arizona State University
Kathryn Lemery-Chalfant; Arizona State University
H. Hill Goldsmith; University of Wisconsin-Madison

Latent Class Analysis of Childhood Mental Health Symptoms: Estimating the Heritabilities of Empirically Defined Categories
By Matthew K. Vendlinski; University of Wisconsin-Madison
Kristin N. Javaras; University of Wisconsin-Madison
Carol A. Van Hulle; University of Wisconsin-Madison
Nicole, L. Schmidt; University of Wisconsin-Madison
Kathryn Lemery-Chalfant; Arizona State University
H. Hill Goldsmith; University of Wisconsin-Madison

Session 9: Symposium: Imaging Genetics: A Happy Marriage?

Session Chair: Dirk Smit, VU university Amsterdam
Session type: contributed
Date: June 4, 2010
Time: 9:00 - 10:30

HERITABILITY OF FMRI RESPONSE IN YOUNG ADULT TWINS
By Nicholas G Martin; Queensland Inst Medical Research

WHITE MATTER CHANGES IN MONOZYGOTIC TWINS DISCORDANT OR CONCORDANT FOR OBSESSIVE-COMPULSIVE SYMPTOMS: A COMBINED VBM-DTI STUDY
By Anouk den Braber; VU University Amsterdam, Amsterdam, Netherlands
Dennis van 't Ent; VU University Amsterdam, Amsterdam, Netherlands
Daniëlle C. Cath; Utrecht University, Utrecht, Netherlands
Dorret I. Boomsma; VU University Amsterdam, Amsterdam, Netherlands
Paul M. Thompson; UCLA School of Medicine, Los Angeles, CA, United States
Eco J.C. de Geus; VU University Amsterdam, Amsterdam, Netherlands
Heritability of resting state networks from MEG
By Dirk J.A. Smit; VU University
Ronald Janssen; VU University
Dennis van ‘t Ent; VU University
Maria Boersma; VU medical centre
Dorret I. Boomsma; VU University
Eco J.C. de Geus; VU University
Cornelis J. Stam; VU medical centre

Heritability of pre-adolescent brain development: a longitudinal twin study
By I.L.C. van Soelen; Department of Biological Psychology, VU University Amsterdam, Amsterdam, the Netherlands & Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.
R. M. Brouwer; Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.
G.C.M. van Baal; Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.
H.G. Schnack; Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.
J.S. Peper; Department of Experimental Psychology, Utrecht University, the Netherlands.
L. Chen; Department of Radiology, Peking University People’s Hospital, People’s Republic of China.
R.S. Kahn; Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.
D.I. Boomsma; Department of Biological Psychology, VU University Amsterdam, Amsterdam, the Netherlands.
H.E. Hulshoff Pol; Rudolf Magnus Institute of Neuroscience, Department of Psychiatry, University Medical Center Utrecht, Utrecht, the Netherlands.

Session 10: Paper Session: Drinking & Alcohol Problems

Session Chair: Arpana Agrawal, Washington University in St. Louis
Session type: contributed
Date: June 4, 2010
Time: 9:00 - 10:30

Measures of Current Alcohol Consumption and Problems: Two Independent Twin Studies Suggest A Complex Genetic Architecture
By Jacquelyn L. Meyers; Virginia Commonwealth University
Richard J. Rose; Indiana University, Bloomington
Jaakko Kaprio; University of Helsinki & National Institute for Health and Welfare, Finland
Gene-environment correlation and interaction between educational level and alcohol problems in young adulthood: A Finnish twin study

By Antti Latvala; National Institute for Health and Welfare and University of Helsinki, Finland
Danielle M. Dick; Virginia Commonwealth University, USA
Annamari Tuulio-Henriksson; Social Insurance Institution, Finland
Jaana Suvisaari; National Institute for Health and Welfare, Finland
Richard J. Viken; Indiana University, USA
Richard J. Rose; Indiana University, USA
Jaakko Kaprio; University of Helsinki and National Institute for Health and Welfare, Finland

The genetic architecture of alcohol consumption in adolescents: effects of age and gender?

By L.M. Geels; Department of Biological Psychology, VU University Amsterdam, The Netherlands & EMGO+ Institute, VU University Medical Center, Amsterdam, the Netherlands
M. Bartels; Department of Biological Psychology, VU University Amsterdam, The Netherlands & EMGO+ Institute, VU University Medical Center, Amsterdam, the Netherlands
C.E.M. van Beijsterveldt; Department of Biological Psychology, VU University Amsterdam, The Netherlands
N. van der Aa; Department of Biological Psychology, VU University Amsterdam, The Netherlands & EMGO+ Institute, VU University Medical Center, Amsterdam, the Netherlands
A.H.M. Willemsen; Department of Biological Psychology, VU University Amsterdam, The Netherlands
J.M. Vink; Department of Biological Psychology, VU University Amsterdam, The Netherlands
D.I. Boomsma; Department of Biological Psychology, VU University Amsterdam, The Netherlands

Development of genetic influences on problem drinking liability in Dutch Twins

By Jenny H.D.A. van Beek; Department of Biological Psychology, VU University Amsterdam, The Netherlands
Kenneth S. Kendler; Department of Psychiatry, Medical College of Virginia/ Virginia Commonwealth University, Richmond, VA
Marleen H.M. de Moor; Department of Biological Psychology, VU University Amsterdam, The Netherlands
Gonneke Willemsen; Department of Biological Psychology, VU University Amsterdam, The Netherlands
A candidate gene association study of alcohol consumption in young women
By Arpana Agrawal; Washington University School of Medicine
Michael T. Lynskey; Washington University School of Medicine
Sean Kristjansson; Washington University School of Medicine
Alexandre Todorov; Washington University School of Medicine
Andrew J. Schrage; Washington University School of Medicine
Andrew K. Littlefield; University of Missouri - Columbia
Qin Zhu; Washington University School of Medicine
Elliot C. Nelson; Washington University School of Medicine
Pamela A.F. Madden; Washington University School of Medicine
Kathleen K. Bucholz; Washington University School of Medicine
Kenneth J. Sher; University of Missouri - Columbia
Andrew C. Heath; Washington University School of Medicine

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Session 11: Paper Session: Personality

Session Chair: Jody Ganiban, George Washington University
Session type: contributed
Date: June 4, 2010
Time: 11:00 - 12:30

A General Factor of Personality and its Relationship to Political Attitudes
By Edward Bell; Brescia University College (at the University of Western Ontario)
Julie Aitken Schermer; University of Western Ontario
Philip A. Vernon; University of Western Ontario

Interparental conflict moderates genetic and environmental contributions to negative emotionality
By Jody M. Ganiban; George Washington University
Mark Feinberg; Pennsylvania State University
David Reiss; Yale University
Jenae M. Neiderhiser; Pennsylvania State University

A candidate system scoring approach to genome-wide data: Illustration of aggregate main and interactive effects of dopaminergic genes and religious service attendance on sensation seeking and cocaine dependence

By Derringer, Jaime; Washington University, St Louis MO
Krueger, Robert F.; Washington University, St Louis MO
Dick, Danielle M.; Virginia Commonwealth University, Richmond VA
Aliev, Fazil; Virginia Commonwealth University, Richmond VA
Gruca, Richard A.; Washington University, St Louis MO
Saccone, Scott; Washington University, St Louis MO
Agrawal, Arpana; Washington University, St Louis MO
Almasy, Laura; Southwest Foundation, San Antonio TX
Edenberg, Howard J.; Indiana University, Bloomington IN
Foroud, Tatiana; Indiana University, Bloomington IN
Goate, Alison M.; Washington University, St Louis MO
Hesselbrock, Victor M.; University of Connecticut, Farmington CT
Kramer, John R.; University of Iowa, Iowa City IA
Kuperman, Samuel; University of Iowa, Iowa City IA
Lin, Peng; Washington University, St Louis MO
Lynskey, Michael T.; Washington University, St Louis MO
Neuman, Rosalind J.; Washington University, St Louis MO
Nurnberger, John I., Jr; Indiana University, Bloomington IN
Porjesz, Bernice; SUNY Downstate, Brooklyn NY
Rice, John P.; Washington University, St Louis MO
Schuckit, Marc; University of California at San Diego, La Jolla CA
Tischfield, Jay A.; Rutgers University, Piscataway, NJ
GENEVA consortium;
Bierut, Laura J.; Washington University, St Louis MO

Assortative mating for personality: self-ratings and cross-ratings

By Marina Egorova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia
Yulia Chertkova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia
Oxana Parshikova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia
Olga Alexeeva; Psychological Institute of Russian Academy of Education, Moscow, Russia
Irina Kozlova; Psychological Institute of Russian Academy of Education, Moscow, Russia
Alina Pankratova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia
Svetlana Pyankova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia
Nadejda Zyryanova; Psychology Department, Lomonosov Moscow State University, Moscow, Russia

Challenges in Genetically Informative Models of Pubertal Development
By Jane Mendle; University of Oregon
K. Paige Harden; University of Texas, Austin

Session 12: Paper Session: Quantitative Genetic Methods

Session Chair: Michael Miller, University of Minnesota
Session type: contributed
Date: June 4, 2010
Time: 11:00 - 12:30

A Graphical User Interface (GUI) for OpenMx.
By Gregory Carey; University of Colorado

A longitudinal behavior genetics model of ordered categorical variables
By Seung Bin Cho; University of Missouri
Phillip K. Wood; University of Missouri

Latent curve analyses of longitudinal twin data using Mplus and OpenBUGS
By Pan Wang; University of Southern California
John J. McArdle; University of Southern California
Laura A. Baker; University of Southern California

Comparative Power for Various Gene-Based Tests of Association
By T. Bernard Bigdeli; Department of Human and Molecular Genetics, and Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA.
Brion S. Maher; Departments of Human and Molecular Genetics and Psychiatry, and the Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA.

Efficient Genomewide Association Analysis in Small Families
By Michael B. Miller; U Minnesota
Matt McGue; U Minnesota
Session 13: Symposium: Statistical Issues in Genetic Association Studies

Session Chair: Benjamin Neale, Massachusetts General Hospital
Session type: contributed
Date: June 4, 2010
Time: 13:30 - 15:00

Multivariate SNP screen for genome-wide association studies
By Gitta Lubke; University of Notre Dame

Functional gene group analysis and complex traits
By Danielle Posthuma; Section Medical Genomics, VUMC Amsterdam & Section Functional Genomics, Dept. CNCR, VU Amsterdam

Examining the effects of Common Environment and Non-additive effects on Family based association results
By Sarah Elizabeth Medland; Queensland Institute of Medical Research
Karin JH Verweij; Queensland Institute of Medical Research

Testing for an Unusual Distribution of Rare Variation
By Benjamin M. Neale; The Center for Human Genetic Research, Massachusetts General Hospital and The Broad Institute of Harvard and MIT
Manuel A. Rivas; The Center for Human Genetic Research, Massachusetts General Hospital and The Broad Institute of Harvard and MIT
Benjamin F. Voight; The Center for Human Genetic Research, Massachusetts General Hospital and The Broad Institute of Harvard and MIT
David Altshuler; Molecular Biology, Massachusetts General Hospital and The Broad Institute of Harvard and MIT
Bernie Devlin; Department of Psychiatry, University of Pittsburgh
Marju Orho-Melander; Department of Clinical Sciences, University Hospital, Malmo
Sekar Katherisan; Cardiovascular Research Center, Massachusetts General Hospital and The Broad Institute of Harvard and MIT
Kathryn Roeder; Department of Statistics, Carnegie Mellon University
Mark J. Daly; The Center for Human Genetic Research, Massachusetts General Hospital and The Broad Institute of Harvard and MIT

A Genome-Wide Association Study for Self-Rated Health
By Bartels, Meike; Department of Biological Psychology, VU University, Amsterdam, the Netherlands & EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, Netherlands
Vink, Jacqueline M.; Department of Biological Psychology, VU University, Amsterdam, the Netherlands
Netherlands
De Moor, Marleen H.M.; Department of Biological Psychology, VU University, Amsterdam, the Netherlands
Hottenga, Jouke-Jan; Department of Biological Psychology, VU University, Amsterdam, the Netherlands
De Geus, Eco J.C.; Department of Biological Psychology, VU University, Amsterdam, the Netherlands
Smit, Jan H.; Department of Psychiatry and EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, Netherlands
Willemsen, Gonneke; Department of Biological Psychology, VU University, Amsterdam, the Netherlands
Penninx, Brenda W.J.H.; Department of Psychiatry and EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, Netherlands
Boomsma, Dorret I.; Department of Biological Psychology, VU University, Amsterdam, the Netherlands

Session 14: Paper Session: IQ, Cognitive Abilities, and Language: Part I

Session Chair: Michèle Carlier, CNRS-University of Provence
Session type: contributed
Date: June 4, 2010
Time: 13:30 - 15:00

The Heritability of Intelligence in Adulthood is not only due to Additive Factors, but is also explained by Genetic Dominance and Phenotypic Assortment
By Anna A.E. Vinkhuyzen; Section Functional Genomics, VU University Amsterdam, The Netherlands
Sophie van der Sluis; Section Functional Genomics, VU University Amsterdam, The Netherlands
Hermine H.M. Maes; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, United States of America
Danielle Posthuma; Section Functional Genomics, VU University Amsterdam, The Netherlands; Section Medical Genomics, VU Medical Centre, Amsterdam, The Netherlands

The role of general cognitive ability in explaining the etiology of school achievement - A Gene-Environment interaction analysis
By Marion Spengler; Department of Psychology, Saarland University, Germany
Frank M. Spinath; Department of Psychology, Saarland University, Germany
Juliana Gottschling; Department of Psychology, Saarland University, Germany
Ability and Heritability: Investigating the continuous effect of IQ score on IQ etiology in multiple samples
By Angela M Brant; Institute for Behavioral Genetics, University of Colorado at Boulder
Dorret I Boomsma; Department of Biological Psychology, VU University
Robin P Corley; Institute for Behavioral Genetics; University of Colorado at Boulder
John C DeFries; Institute for Behavioral Genetics, University of Colorado at Boulder
Clare MA Haworth; SGDP Centre, Institute of Psychiatry
John K Hewitt; Institute for Behavioral Genetics, University of Colorado at Boulder
Nicholas G Martin; Queensland Institute of Medical Research, Brisbane, QLD, Australia
Matthew McGue; Department of Psychology, University of Minnesota
Stephen A Petrill; Department of Human Development and Family Science; Ohio State University
Robert Plomin; SGDP Centre, Institute of Psychiatry, Kings College, London
Sally J Wadsworth; Institute for Behavioral Genetics, University of Colorado at Boulder
Margaret J Wright; Queensland Institute of Medical Research, Brisbane, QLD, Australia

Laterality and cognition: lesson from individuals with microdeletion 22q11 (DiGeorge syndrome-Velocardiofacial syndrome).
By Michèle Carlier; Aix Marseille University CNRS, Marseille, France
Aude Gérard Desplanches, Aix Marseille University CNRS, Marseille, France
Nicole Philip; Department of Medical Genetics, Timone Children’s Hospital, Marseille, France
Ann Swillen; Centre for Human Genetics, University Hospital Gasthuisberg, Leuven Belgium

Genetic correlates of syllogism-solving ability
By Shikishima, Chizuru; Keio Advanced Research Centers, Keio University, Tokyo
Yamagata, Shinji; Keio Advanced Research Centers, Keio University, Tokyo
Hiraishi, Kai; Kokoro Research Center, Kyoto University, Kyoto
Sugimoto, Yutaro; Keio Advanced Research Centers, Keio University, Tokyo
Ando, Juko; Faculty of Letters, Keio University, Tokyo

Session 15: Paper Session: IQ, Cognitive Abilities, and Language: Part II

Session Chair: Timothy Bates, University of Edinburgh
Session type: contributed
Date: June 4, 2010
Time: 15:30 - 17:00

Sex differences in spatial ability: a twin study of opposite- and same-sex pairs
By Eero Vuoksimaa; Department of Public Health, University of Helsinki, Finland
Annamari Tuulio-Henriksson; Research Department, Social Insurance Institution, Helsinki,
Finland and Insitute of Behavioral Sciences, University of Helsinki, Finland
Richard J. Rose; Department of Psychological and Brain Sciences, Indiana University, Bloomington, USA and Department of Public Health, University of Helsinki, Finland
Jaakko Kaprio; Department of Public Health, University of Helsinki, Finland and Department of Mental Health and Substance Abuse Services, National Institute for Health and Welfare, Helsinki, Finland and Institute for Molecular Medicine, University of Helsinki, Finland

Effect of parental age on children’s intelligence in the Southwestern China Prospective Twin Registry
By Xiaowei Zhang; Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China. Department of Psychiatry, The University of Hong Kong, Hong Kong, China
Stacey S. Cherny, Department of Psychiatry, The University of Hong Kong, Hong Kong, China
Yi Huang, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Xin Gao, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Yun Xiang, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Yixiao Fu, Department of Psychiatry, The First Affiliated Hospital, Chongqing Medical University, Chongqing, China
Huaqing Meng, Department of Psychiatry, The First Affiliated Hospital, Chongqing Medical University, Chongqing, China
Xiaohong Ma, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Yingcheng Wang, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Tao Li, Department of Psychiatry and Psychiatric Laboratory, West China Hospital, Sichuan University, China
Pak Sham, Department of Psychiatry, The University of Hong Kong, Hong Kong, China

Hidden Shapes and Jigsaw Puzzles
By Yulia Kovas; Goldsmiths College, London
Sophia Doherty; King’s College, London
Ken Hanscombe; King’s College, London
Robert Plomin; King’s College, London

Genes for a Component of the Language Acquisition Mechanism: ROBO1 polymorphisms associated with phonological buffer deficits
By Timothy C. Bates; University of Edinburgh
Michelle Luciano; University of Edinburgh
Grant W. Montgomery; Queensland Institute of Medical Research
Margaret J. Wright; Queensland Institute of Medical Research
Session 16: Paper Session: In-Group Favoritism, Cooperation, Sexual Orientation, Ethnic Identity, and Risk Behaviors

Session Chair: Guang Guo, UNC - Chapel Hill
Session type: contributed
Date: June 4, 2010
Time: 15:30 - 17:00

Genetic Evidence for Multiple Biological Mechanisms Underlying In-group Favoritism
By Gary J. Lewis; University of Edinburgh
Timothy C. Bates; University of Edinburgh

Examining the relationship between sexual orientation and depression: overlapping genetic and early environmental influences.
By Brendan P. Zietsch; Genetic Epidemiology, Queensland Institute of Medical Research, Brisbane, Queensland, Australia & School of Psychology, University of Queensland, Brisbane, Queensland, Australia.
Karin J.H. Verweij; Genetic Epidemiology, Queensland Institute of Medical Research, Brisbane, Queensland, Australia & School of Psychology, University of Queensland, Brisbane, Queensland, Australia.
Michael T. Lynskey; Department of Psychiatry, Washington University School of Medicine, St Louis, MO, USA.
Elliot C. Nelson; Department of Psychiatry, Washington University School of Medicine, St Louis, MO, USA.
Andrew C. Heath; Department of Psychiatry, Washington University School of Medicine, St Louis, MO, USA.
Nicholas G. Martin; Genetic Epidemiology, Queensland Institute of Medical Research, Brisbane, Queensland, Australia.

Heritability of cooperative behavior on a public goods game
By Kai Hiraishi; Kyoto University
Chizuru Shikishima; Keio University
Juko Ando; Keio University

Bio-Ancestry and Social Construction of Racial Identity In the Contemporary United States
By Guang Guo; Department of Sociology and Carolina Population Center and Carolina Center for Genome Science, the University of North Carolina
Yilan Fu; Department of Sociology and Carolina Population Center, the University of North
Session 17: Poster Session 1

Note that there will be only one Poster Session, so please ignore the numbers appearing after each Poster Session. Also, those presenting posters will put them up on the morning of Friday June 4 and leave them up until the poster session ends that evening.

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

Association study of the COMT and PRODH genes in Chinese patients with schizophrenia
By Fanzhi Kong; Mental Health Center , Medical College of Shantou University, Shantou, China
Xiaohong Hong; Mental Health Center , Medical College of Shantou University, Shantou, China
Raymond C. K. Chan; Neuropsychology and Applied Cognitive Neuroscience, Institute of Psychology, Chinese Academy of Sciences, Beijing, China; Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, China
Xihang Zhang; Mental Health Center , Medical College of Shantou University, Shantou, China
Hanhui Zhou; Mental Health Center , Medical College of Shantou University, Shantou, China
Cairu Wu; Mental Health Center , Medical College of Shantou University, Shantou, China
Wenjiao Xie; Mental Health Center , Medical College of Shantou University, Shantou, China
Zhizhen Peng; Mental Health Center , Medical College of Shantou University, Shantou, China
Genetic influences on alexithymia and their relationship with depressive symptoms
By Angelo Picardi; Mental Health Unit, Istituto Superiore di Sanità, Rome, Italy
Corrado Fagnani; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Antonella Gigantesco; Mental Health Unit, Istituto Superiore di Sanità, Rome, Italy
Virgilia Toccaceli; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Ilaria Lega; Mental Health Unit, Istituto Superiore di Sanità, Rome, Italy
Maria A. Stazi; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy

Investigation of shared genetic effects for psychotic and obsessive symptoms in young adult twins
By Corrado Fagnani; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Marcella Bellani; Department of Medicine and Public Health, Section of Psychiatry and Clinical Psychology, University of Verona, Verona, Italy - Verona-Udine Brain Imaging and Neuropsychology Program, Inter-University Centre for Behavioural Neurosciences (ICBN), University of Verona - Department of Pathology and Experimental and Clinical Medicine, Section of Psychiatry, University of Udine, Italy
Michele Tansella; Department of Medicine and Public Health, Section of Psychiatry and Clinical Psychology, University of Verona, Verona, Italy - Verona-Udine Brain Imaging and Neuropsychology Program, Inter-University Centre for Behavioural Neurosciences (ICBN), University of Verona - Department of Pathology and Experimental and Clinical Medicine, Section of Psychiatry, University of Udine, Italy
Matteo Balestrieri; Verona-Udine Brain Imaging and Neuropsychology Program, Inter-University Centre for Behavioural Neurosciences (ICBN), University of Verona - Department of Pathology and Experimental and Clinical Medicine, Section of Psychiatry, University of Udine, Italy
Virgilia Toccaceli; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Valeria Patriarca; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Maria A. Stazi; Genetic Epidemiology Unit, Istituto Superiore di Sanità, Rome, Italy
Paolo Brambilla; Verona-Udine Brain Imaging and Neuropsychology Program, Inter-University Centre for Behavioural Neurosciences (ICBN), University of Verona - Department of Pathology and Experimental and Clinical Medicine, Section of Psychiatry, University of Udine, Italy - Scientific Institute IRCCS “E. Medea”, Udine, Italy

Etiology of Obsessions and Compulsions: A Behavioral-Genetic Analysis
By Jang, Kerry L; Department of Psychiatry, Department of Psychiatry University of British Columbia, Canada
Taylor, Steven; Department of Psychiatry, University of British Columbia, Canada
Asmundson, Gordon J.G.; Department of Psychology, University of Regina, Canada

Phenotypic and Genetic Relations Between the HEXACO Dimensions and Trait Emotional Intelligence
By Livia Veselka; University of Western Ontario
K. V. Petrides; University College London
Julie A. Schermer; University of Western Ontario
L. F. Cherkas; King’s College London
T. D. Spector; King’s College London
Philip A. Vernon; University of Western Ontario

Session 18: Poster Session 2

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

Shared Genetic Contributions to Anxiety Disorders and Pathological Gambling in a Male Population
By Hong Xian; Research Service 151-JC, St. Louis VAMC, St. Louis, MO and Department of Medicine, Washington University School of Medicine, St. Louis, MO, USA.
Justine L. Giddens; Child Study Center, Yale University School of Medicine, New Haven, CT, USA.
Jeff Scherrer; Research Service 151-JC, St. Louis VAMC, St. Louis, MO and Department of Psychiatry, Washington University School of Medicine, St. Louis, MO, USA.
Seth Eisen; Medical and Research Services, Department of Veterans Affairs Medical Center and Department of Internal Medicine, Washington University School of Medicine, St. Louis, MO, USA.
Marc N. Potenza; Child Study Center, Yale University School of Medicine, New Haven, CT and Department of Psychiatry, Yale University School of Medicine and Connecticut Mental Health Center, New Haven, CT and Veterans Affairs Healthcare Systems Connecticut, West Haven, CT, USA.

A longitudinal twin study on the environmental association between behavior problems and parenting
By Shinji Yamagata; Keio University
Yusuke Takahashi; Keio University
Koken Ozaki; The Institute of Statistical Mathematics
Keiko Fujisawa; Keio University
Koichi Nonaka; Wako University
Juko Ando; Keio University

An Examination of the Etiological Overlap between Parent-Child Conflict and Observer-Rated Antisocial Behavior
By Ashlea M. Klahr; Michigan State University
William G. Iacono; University of Minnesota
Matt McGue; University of Minnesota
S. Alexandra Burt; Michigan State University

Psychiatric vulnerability in nonheterosexuals
By Zietsch, B. P., Verweij, K. J. H., Bailey, J. M., Wright, M. J., and Martin, N. G.

A Behavioral Genetic Analysis of Externalizing Psychopathology and Adult Attachment
By Mikhila N. Humbad; Michigan State University
Kelly L. Klump; Michigan State University
Alytia A. Levendosky; Michigan State University
S. Alexandra Burt; Michigan State University

Session 19: Poster Session 3

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

The importance of shared environmental influences on conduct problems in South Korean twin children
By Young Won Shin, Min Jin Jin, Sejun Koo, Ok-jung Jo, Bora Kim, Ki-pyoung Kim, Jin-ah Yoo, Neul Ha; Chung-Ang University, Republic of Korea
Yoon-Mi Hur; Mokpo National University, Republic of Korea

Pooled DNA Analysis Using Illumina Human 660w-quad BeadChip
By Hsin-Chou Yang; Institute of Statistical Science, Academia Sinica
Mei-Chu Huang; Bioinformatics Program, Taiwan International Graduate Program, Academia Sinica
Mei-Jyh Kang; Institute of Biomedical Sciences, Academia Sinica
Wen-Harn Pan; Institute of Biomedical Sciences, Academia Sinica

Genetic analysis of anxiety-related behavior and gene expression in BXD strains
By Lu Lu; Jiangsu key laboratory of neuroregeneration, Nantong University, Nantong 226001; Department of Anatomy and Neurobiology, University of Tennessee Health Science Center, Memphis, TN 38163
Xusheng Wang; Department of Anatomy and Neurobiology, University of Tennessee Health Science Center, Memphis, TN 38163
Robert W Williams; Department of Anatomy and Neurobiology, University of Tennessee Health Science Center, Memphis, TN 38163
Melloni Cook; Department of Psychology, University of Memphis, Memphis, TN 38152

Pathways from a Worried Mother to a Fearful Child: The Roles of Maternal Anxiety and Responsive Environment
By Misaki N. Natsuaki; University of California, Riverside
Leslie D. Leve; Oregon Social Learning Center
Jenae M. Neiderhiser; Penn State University
Daniel S. Shaw; University of Pittsburgh
Laura V. Scaramella; University of New Orleans
Conger, Rand; University of California, Davis
John B. Reid; Oregon Social Learning Center
David Reiss; Yale Child Study Center

Do stressful life events moderate genetic and environmental covariance on personality and psychiatric symptoms?: Bivariate gene-environment interaction approach
By Yusuke Takahashi; Japan Society for the Promotion of Science, Keio University
Shinji Yamagata; Japan Society for the Promotion of Science, Keio University
Koken Ozaki; The Institute of Statistical Mathematics
Chizuru Shikishima; Keio University
Koichi Nonaka; Wako University
Juko Ando; Keio University

Session 20: Poster Session 4

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

Sex differences in genetic and environmental influences on prosocial behavior in South Korean twin children
By Bora Kim, Ki Pyoung Kim, Jin-ah Yoo, Young Won Shin, Min Jin Jin, Sejun Koo, Ok-jung Jo, Neul Ha; Chung-Ang University, Republic of Korea
Yoon-Mi Hur; Mokpo National University, Republic of Korea
Genetic Data Sharing Practices within a Research Network: Lessons from the RTRN Jackson Heart Study Vanguard Center (JHSVC) Managed through the Data and Technology Coordinating Center (DTCC)

By Jae Eun Lee, RTRN DTCC, Jackson State University; Daniel Sarpong, Jackson Heart Study, Jackson State University; Jung Hye Sung, Department of Biostatistics and Epidemiology, Jackson State University; Sarah Buxbaum, Jackson Heart Study, Jackson State University; Keyur Talsania, RTRN DTCC, Jackson State University; James Perkins, RTRN DTCC, Jackson State University.

Childhood sweet food consumption and problem adolescent alcohol use: Is there a genetic relationship?
By Brett C. Haberstick; Institute for Behavioral Genetics, University of Colorado, Boulder, USA
Sally-Ann Rhea; Institute for Behavioral Genetics, University of Colorado, Boulder, USA
Tanya Button; Institute for Behavioral Genetics, University of Colorado, Boulder, USA
Robin Corley; Institute for Behavioral Genetics, University of Colorado, Boulder, USA

Sensory Over-Responsivity: Temperament Contributions and Prenatal Implications
By Megan M. Keuler; University of Wisconsin-Madison
Nicole L. Schmidt; University of Wisconsin-Madison
Carol A. Van Hulle; University of Wisconsin-Madison
Kathryn Lemery-Chalfant; Arizona State University
H. Hill Goldsmith; University of Wisconsin-Madison

Beta-Amyloid Peptide Mutations Alter Circadian Locomotor Behavior in a Transgenic Drosophila Model of Alzheimer's Disease
By Bernard Possidente; Skidmore College
Tiffany Benway; Skidmore College
Molly Kidder; Skidmore College
Amy Veinoglu; Skidmore College
Alex Wennberg; Skidmore College
Damian Crowther; Cambridge University

Session 21: Poster Session 5

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30
Investigating the etiology of the relation between low birth weight and childhood disruptive disorders
By Courtney Alexandra Ficks; Emory University
Benjamin Lahey; University of Chicago
Irwin D. Waldman; Emory University

Self-Rated Health, Body Mass Index and Health Condition: Genetic and Environmental Factors
By Ordonana, JR.; Murcia Twin Registry. Area of Psychobiology. University of Murcia (Spain)
Burt, SA; Department of Psychology. Michigan State University (USA)
Sánchez-Romera, JF; MTR. Area of Psychobiology. University of Murcia (Spain)
Colodro, L; MTR. Area of Psychobiology. University of Murcia (Spain)
Tornero, MJ; MTR. Area of Psychobiology. University of Murcia (Spain)
Rebollo-Mesa, I; MRC Centre for Transplantation, King’s College London (UK)

Personality as common and broadband-specific features for internalizing and externalizing disorders
By Laura K. Hink; Department of Psychology and Neuroscience, University of Colorado at Boulder. Institute for Behavioral Genetics, University of Colorado at Boulder
Soo H. Rhee; Department of Psychology and Neuroscience, University of Colorado at Boulder. Institute for Behavioral Genetics, University of Colorado at Boulder
Jay Schulz-Heik; Department of Psychology and Neuroscience, University of Colorado at Boulder. Institute for Behavioral Genetics, University of Colorado at Boulder
Robin P. Corley; Institute for Behavioral Genetics, University of Colorado at Boulder
Vicky Cosgrove; Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine
Susan E. Young; Institute for Behavioral Genetics, University of Colorado at Boulder
John K. Hewitt; Institute for Behavioral Genetics, University of Colorado at Boulder

Genetic and environmental covariance between conduct disorder, ADHD, and verbal ability
By Smith, A.K.; Department of Psychology and Neuroscience, Institute for Behavioral Genetics, University of Colorado, Boulder, CO
Stasi, S.M.; Department of Psychology and Neuroscience, University of Colorado, Boulder, CO
Rhee, S.H.; Department of Psychology and Neuroscience, Institute for Behavioral Genetics, University of Colorado, Boulder, CO
Corley, R.; Institute for Behavioral Genetics, University of Colorado, Boulder, CO
Young, S.; Institute for Behavioral Genetics, University of Colorado, Boulder, CO
Hewitt, J.K.; Department of Psychology and Neuroscience, Institute for Behavioral Genetics, University of Colorado, Boulder, CO

Expression of klotho in mouse cerebral cortex and cerebellum
Session 22: Poster Session 6

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

Genetic Analyses of Parental Ratings of Competence and Behavioral/Emotional Problems in 7-10 years Old Russian Twins
By Elena Gindina; Psychological Institute of Russian Academy of Education, Moscow
Sergei Malykh; Psychological Institute of Russian Academy of Education, Moscow
Marina Lobaskova; Udmurt State University, Izhevsk
Valeria Sivakova; The Kirgizia-Russian Slavic University, Kyrgyzstan

Changes and stability in the association between sibling relationships and depressive symptoms in adolescent twins from a genetically informative perspective.
By HyunJoo Shim; University of Virginia
Eric Turkheimer; University of Virginia
Robert E. Emery; University of Virginia

Causes of individual differences in quality of life dimensions of the EQ-5D questionnaire
By Ordonana, JR; Murcia Twin Registry. Area of Psychobiology. University of Murcia (Spain)
Bartels, M; Department of Biological Psychology. VU University; & EMGO+ Institute, VU University Medical Center, Amsterdam (The Netherlands).
Rebollo-Mesa, I; MRC Centre for Transplantation, King’s College London (UK)
Monteagudo, O; Murcia Health Council. Murcia (Spain)
Perea-Riquelme, F; Murcia Health Council. Murcia (Spain)

A longitudinal analysis of inhibitory control and behavior problems from 24 to 36 months of age
Replication of association between body mass index and a genetic risk sum score comprised of common polygenic variation

By Gagne, Jeffrey R.; Department of Psychology, University of Wisconsin-Madison
Saudino, Kimberly J.; Department of Psychology, Boston University

Replication of association between body mass index and a genetic risk sum score comprised of common polygenic variation

By Roseann E. Peterson; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University
Hermine H. Maes; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University
Danielle M. Dick; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Collaborative Study on the Genetics of Alcoholism
John R. Kramer; University of Iowa, Collaborative Study on the Genetics of Alcoholism
Victor M. Hesselbrock; University of Connecticut, Collaborative Study on the Genetics of Alcoholism
Bradley T. Webb; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University

Session 23: Poster Session 7

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

GE interaction analysis on the univariate ACDE model

By Koken Ozaki; Statistical Mathematics
Keiko K. Fujisawa; Keio University
Shinji Yamagata; Keio University
Yusuke Takahashi; Japan Society for the Promotion of Science, Keio University
Shoko Sasaki; Japan Society for the Promotion of Science, Tokyo University
Chizuru Shikishima; Keio University
Juko Ando; Keio University

The Role of Genotype and Positive Parenting during Toddlerhood in the Development of Externalizing Behavior

By Debra L. Boeldt; University of Colorado at Boulder
Brett C. Haberstick; University of Colorado at Boulder
Soo H. Rhee; University of Colorado at Boulder
Susan Young; University of Colorado at Boulder
Robin Corley; University of Colorado at Boulder
John K. Hewitt; University of Colorado at Boulder
Lisabeth F. DiLalla; Southern Illinois University School of Medicine
Paula Y. Mullineaux; Hamline University

Genetic and environmental contributions to individual differences in perceptions of family environment and twin relationships in Russian adolescent twins
By Phlipp I. Barsky; Psychological Institute of Russian Academy of Education
Elena D. Gindina; Psychological Institute of Russian Academy of Education
Marina M. Lobaskova; Udmutria State University
Sergey B. Malykh; Psychological Institute of Russian Academy of Education

TPH2 variation associated with diffusion tensor imaging measurements of the dorsal raphe nucleus
By John E. McGeary; Providence VAMC/Brown Univ. Andrew Cohen; Brown University
Valerie S. Knopik; Rhode Island Hospital
Christopher G. Beevers; Univ. of Texas, Austin
David Schnyer; Univ. of Texas, Austin
Francisco Gonzalez-Lima; Univ. of Texas, Austin

Early environmental influences contribute to covariation between internalizing symptoms and alcohol intoxication frequency across adolescence
By Alexis C. Edwards; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA, US
Paul Lichtenstein; Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden
Kenneth S. Kendler; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA, US

Session 24: Poster Session 8

Session type: poster
Date: June 4, 2010
Time: 17:00 - 19:30

Cognitive function in the oldest old is associated with genetic variations in the CLU and PICALM genes
By Jonas Mengel-From; University of Southern Denmark,
Lene Christensen; University of Southern Denmark,
Matthew K McGu; University of Minnesota,
Kaare Christensen; University of Southern Denmark
Are Brain Regions Involved in Reading and Cognition under Genetic Influence: A Volumetric Study in Adolescent Twins
By Vidal, C.; University of Southern California, Niv, S.; University of Southern California, M., Zheng; University of Southern California, Moussa, M.; University of Southern California, Raine, A.; University of Pennsylvania, Baker, L.A.; University of Southern California, & Damasio, H; University of Southern California.

Using genetic information in risk prediction for alcohol dependence
By Yan, Jia; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
Aliev, Fazil; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
Williamson, Vernell S.; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
Webb, Bradley T.; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
Goate, Alison M.; Department of Psychiatry, Washington University School of Medicine, St. Louis, MO
Kramer, John.; Department of Psychiatry, University of Iowa College of Medicine, Iowa City, IA
Nurnberger Jr, John I.; Department of Psychiatry, Indiana University School of Medicine, Indianapolis, IN
Schuckit, Marc A.; Department of Psychiatry, University of California-San Diego, La Jolla, CA
Tischfield, Jay A.; Department of Genetics, Rutgers University, Piscataway, NJ
Dick, Danielle M.; Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA

Fingerprint pattern and multiple intelligence: a pilot analytical study
By Nanakorn, Somsong; Department of Biology, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Honak, Niyada; Department of Biology, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Ungpansattawong, Supannee; Department of Statistics, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Chaisiwamongkol, Wichuda; Department of Statistics, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Maneesriwongul, Ammuay; Department of Statistics, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Suwanwerakamthorn, Rassame; Department of Computer Science, Faculty of Science, Khon Kaen University, KhonKaen 40002, Thailand
Raksasataya, Sarintip; Faculty of Education, Khon Kaen University, KhonKaen 40002, Thailand
Chusilp, Kusuma; Department of Pediatrics, Faculty of Medicine, Khon Kaen University,
Changes of genetic and environmental variances in hyperactivity from childhood to early adolescence in South Korean twins

By Yoon-Mi Hur; Mokpo National University, Korea
Sejun Koo; Chung-Ang University, Korea
Young-won Shin; Chung-Ang University, Korea
Min-jin Jin; Chung-Ang University, Korea
Ok-jung Jo; Chung-Ang University, Korea
Bora Kim; Chung-Ang University, Korea
Ki-pyoung Kim; Chung-Ang University, Korea
Jin-ah Yoo; Chung-Ang University, Korea
Neul Ha; Chung-Ang University, Korea

Session 25: Paper Session: Psychopathology & Adjustment

Session Chair: Gonneke Willemsen, Vrije Universiteit Amsterdam
Session type: contributed
Date: June 5, 2010
Time: 10:15 - 11:45

Neurological soft signs as endophenotype for schizophrenia: A link between genetics and clinical manifestations

By Raymond C. K. Chan; Neuropsychology and Applied Cognitive Neuroscience Laboratory, Institute of Psychology, Chinese Academy of Sciences, Beijing, China; Key Laboratory of Mental Health, Institute of Psychology, Chinese Academy of Sciences, Beijing, China
Irving I. Gottesman; Department of Psychiatry, University of Minnesota, Twin City, United States
Pak Sham; Department of Psychiatry, the University of Hong Kong, Hong Kong Special Administrative Region, China

Gene-environment interactions in response to trauma: HTR1a, parent posttraumatic stress symptoms, and trajectories of posttraumatic stress symptoms in pediatric injury patients

By Nicole Nugent, PhD; Alpert Brown University
Ananda Amstadter, PhD; Medical University of South Carolina
Bao-Zhu Yang, PhD; Yale
Valerie Knopik, PhD; Brown
Glenn Saxe, MD; Boston Children's Hospital
Jordan Smoller, MD, ScD; Harvard
Karestan Koenen, PhD; Harvard
Shared genetic factors influencing migraine and anxious depression
By Lannie Ligthart; Dept. of Biological Psychology, VU University, Amsterdam, the Netherlands
Dale R. Nyholt; Queensland Institute of Medical Research, Brisbane, Australia,
Brenda W.J.H. Penninx; Dept. of Psychiatry and EMGO Institute for Health and Care Research, VU University Medical Center, Amsterdam, the Netherlands
Dorret I. Boomsma; Dept. of Biological Psychology, VU University, Amsterdam, the Netherlands

The heritability of perceived stress: findings from the netherlands Twin Register.
By Gonneke Willemsen; VU University Amsterdam
Dorret I. Boomsma; VU University Amsterdam
Jenny van Beek; VU University Amsterdam
Lot Geels; VU University Amsterdam
Meike Bartels; VU University Amsterdam
Eco J.C. de Geus; VU University Amsterdam

Genetic influences on optimism and its relationship to health
By Miriam Anna Mosing; Genetic Epidemiology Unit, Queensland Institute of Medical Research, & School of Psychology, University of Queensland, Australia
Margaret J. Wright; Genetic Epidemiology Unit, Queensland Institute of Medical Research, & School of Psychology, University of Queensland, Australia
Nancy L. Pedersen; Karolinska Institute, Department of Medical Epidemiology & Biostatistics, Sweden
Nicholas G. Martin; Genetic Epidemiology Unit, Queensland Institute of Medical Research, & School of Psychology, University of Queensland, Australia

Session 26: Business Meeting

Session type: contributed
Date: June 5, 2010
Time: 12:15 - 13:15

Session 27: Paper Session: Temperament, Behavior Problems, IQ, & Adjustment in Children & Adolescents

Session Chair: Jeffrey Gagne, University of Wisconsin
Session type: contributed
Date: June 5, 2010
Time: 13:15 - 14:45

The Genetics of Emotional Ontogeny Project: Mother ratings of temperament at 6, 12 and 36 months
By Gagne, Jeffrey R.; Department of Psychology, University of Wisconsin, Madison, WI
Williams, W. Craig; Department of Psychology, University of Wisconsin, Madison, WI
Volbrecht, Michele M.; Department of Educational Psychology, University of Wisconsin, Madison, WI
Goldsmith, H. Hill; Department of Psychology, University of Wisconsin, Madison, WI

Stability and Change of Sleep Problems in Toddlerhood
By Manjie Wang; Boston University
Kimberly J. Saudino; Boston University

Are there shared genetic or environmental influences underlying externalizing behaviours, cigarette smoking and illicit drug use?
By Tellervo Korhonen; National Institute of Health and Welfare and University of Helsinki, Finland
Antti Latvala, National Institute of Health and Welfare and University of Helsinki, Finland
Danielle M. Dick, Virginia Commonwealth University, USA
Richard R. Rose, Indiana University, USA and University of Helsinki, Finland
Lea Pulkkinen, University of Jyväskylä, Finland
Jaakko Kaprio, University of Helsinki, National Institute of Health and Welfare, Finland
Anja C. Huizink, University of Amsterdam and Radboud University Nijmegen, the Netherlands

A Study of Genetic Influence on SPHERE (Somatic and Psychological Health Report) Measures Collected in Adolescents and Young Adults
By Narelle K Hansell; Queensland Institute of Medical Research
Ian B Hickie; University of New South Wales
Tracey A Davenport; University of New South Wales
Dusan Hadzi-Pavlovic; University of New South Wales
Naomi R Wray; Queensland Institute of Medical Research
Nicholas G Martin; Queensland Institute of Medical Research
Margaret J Wright; Queensland Institute of Medical Research

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