

**BEHAVIOR GENETICS  
ASSOCIATION**

**30<sup>th</sup> ANNUAL MEETING**

**BURLINGTON, VERMONT, USA**

**June 28 - July 1, 2000**

# BEHAVIOR GENETICS ASSOCIATION

The purpose of the Behavior Genetics Association is to promote scientific study of the interrelationship of genetic mechanisms and behavior, both human and animal; to encourage and aid the education and training of research workers in the field of behavior genetics; and to aid in the dissemination and interpretation to the general public of knowledge concerning the interrelationship of genetics and behavior, and its implications for health and human development and education.

For additional information about the Behavior Genetics Association, please contact Dr. Hermine Maes BGA Secretary, Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Box 980003, Richmond VA 23298

## EXECUTIVE COMMITTEE 1999-2000

President  
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Secretary  
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Member-at-Large  
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Irwin Waldman  
Jennifer Harris

## 2000-2001

John Hewitt  
Matt McGue  
Richard Rose  
Hermine Maes  
Pamela Madden  
Irwin Waldman  
Jennifer Harris  
Carol Prescott

## MEETING INFORMATION

The 30<sup>th</sup> Annual Meeting of the Behavior Genetics Association will be held at the Radisson Hotel, Burlington, Vermont, USA. Paper, poster and plenary sessions will be held throughout the day on June 29, 30, and July 1. The opening reception is scheduled to begin at 6:00 PM on June 28. The banquet will be held on June 30 starting at 6:00 PM.

### *Burlington, Vermont*

Called “The Queen City” of historic Lake Champlain, Burlington lies between the Green Mountains of Vermont and New York’s Adirondack high peaks. Though relatively small, Burlington is a popular year-round tourist destination. The Radisson Hotel faces Waterfront Park and is adjacent to the historic Battery Street district and the Church Street Marketplace. A full range of shopping and eating establishments are a short walk from the hotel. A string of city parks are connected by a six mile recreation path along the lake. Bicycles and in-line skates are available for rental. Several excursion cruises and a seasonal passenger train originate near the hotel. Local attractions include resort areas, notably Stowe, Vermont, home of the “Sound of Music’s” Trapp Family Lodge. Shelburne Museum, housing the world’s largest collection of American folk art, is south of town. French-speaking Quebec is just to the north, with cosmopolitan Montreal less than a two hour drive away.

Local Host: Dr. Jim Hudziak, M.D.  
Department of Psychiatry, UVM  
Burlington, VT 05405  
Tel: (802) 656-3272

Fax: (802)  
E-mail: [jhudziak@zoo.uvm.edu](mailto:jhudziak@zoo.uvm.edu)

<b>Year</b>	<b>Presidents</b>	<b>Dobzhansky Awardees</b>	<b>Thompson Awardees</b>	<b>Local Hosts</b>
1971				R Osborne/B Ginsburg - Storrs CT
1972	Th. Dobzhansky			GE McClearn - Boulder CO
1973	John L. Fuller			WS Pollitzer - Chapel Hill NC
1974	Gerald E. McClearn			S Scarr - Minneapolis MN
1975	J. P. Scott			J Bruell - Austin TX
1976	Irving I. Gottesman			JC DeFries - Boulder CO
1977	W. R. Thompson	Steven Vandenberg	Nancy Galvin	R Wilson - Louisville KY
1978	Lee Ehrman	Elliott Slater	Gregory Carey	T Klein - Davis CA
1979	V. Elving Anderson	Ernst Caspari	Marla Sokolowski	C Lynch - Middletown CT
1980	John C. Loehlin	Benson Ginsburg		RD Bock - Chicago IL
1981	Norman D. Henderson	Sheldon Reed	Michael Pogue-Geile	L Erhman - Purchase NY
				Rose/Guttman/Guttman - Jerusalem
1982	John C. DeFries	Gardner Lindzey	Paul Sharp	D Nash - Ft Collins CO
1983	David W. Fulker	Peter Broadhurst	Michael Neale	D Fulker - London
1984	Steven G. Vandenberg	Leonard Heston	Christine Michard & George Vogler	R Rose - Bloomington IN
1985	Sandra Scarr	Nikki Erlenmeyer-Kimling	Dorret Boomsma & Lucinda Miner	G McClearn - State College PA
1986	Ronald S. Wilson	Raymond Cattell	David Harder	G Ashton/R Johnson - Honolulu HI
1987	Peter A. Parsons	J L Fuller & J P Scott	J. S. de Belle	L Heston - Minneapolis
1988	Leonard L. Heston	Lee Erhman	Joanne Meyer	S Kerbusch - Nijmegen, Netherl.
1989	Robert Plomin	Gerald McClearn	Susan Parlour	S Scarr - Charlottesville VA
1990	Carol B. Lynch	Irving Gottesman	Lon Cardon & Philip Welbergen	P Roubertoux - Aussois, France
1991	Lindon J. Eaves	John Loehlin	Abel Bult & Lawrence Rodriguez	G Vogler - St Louis MO
1992	David A. Blizard	John DeFries	Deborah Finkel	J Wilson - Boulder CO
1993	Thomas J. Bouchard, Jr.	Peter Parsons	Hermine Maes	N Martin - Sydney, Australia
1994	Gladye Whitney	Aubrey Manning	Frans Sluyter	A Fernandez-Teruel/RM Escorihuela/A Tobena - Barcelona
1995	James Wilson	David Fulker	Soo HyunRhee & Stephen Petrill	J Meyer/L Eaves - Richmond VA
1996	Nicholas Martin		Stephanie Schmitz	G McClearn/G Vogler/D Blizard/ B Jones - Pittsburgh PA
1997	Nicholas Martin	Ron Johnston	Martine Thomis	Tony Vernon - Toronto, Canada
1998	Norman Henderson	Stephen Maxson	Javier Gayán & Alexander Weiss	Nancy Pedersen - Stockholm, Sweden
1999	Dick Rose	Lindon Eaves	Danielle Posthuma & Danielle Dick	Kerry Jang - Vancouver, Canada

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**Burlington, Vermont, USA**  
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**WEDNESDAY JUNE 28**

<b>12:00 - 6:00</b>	<b>REGISTRATION</b>	<b>North Pre Function Area</b>
<b>4:00 - 5:00</b>	<b>EXECUTIVE COMMITTEE MEETING</b>	<b>Montpelier C Room</b>
<b>6:00 - 9:00</b>	<b>WELCOME RECEPTION</b>	<b>Boat House</b>

**THURSDAY JUNE 29**

<b>Thursday June 29<sup>th</sup> 8:30 - 10:45</b>	<b>PAPER SESSION I Nicotine and alcohol Chair: Nicholas G. Martin</b>	<b>Adirondack C/D Room</b>
8:30	<i>Defining the nicotine dependence phenotype</i> Christina N. Lessov, Pamela A.F. Madden, Kathleen K. Bucholz, Alexandre A. Todorov, Nicholas G. Martin, Wendy S. Slutske, Laura J. Bierut, and Andrew C. Heath	
8:45	<i>Heritability of heavy smoking in adult twins</i> Pamela A.F. Madden, Andrew C. Heath, John P. Rice, Jaakko Kaprio, M. Koskenvuo, NancyL. Pedersen, Alexandra. Todorov, Christina N. Lessov, and Nicholas G. Martin	
9:00	<i>Understanding smoking patterns across adolescence: genetically informative analyses of trajectories of smoking and covariance with drinking</i> Jaakko Kaprio, Danielle M. Dick, Richard J. Viken, Kalle Romanov, and Richard J. Rose	
9:15	<i>Genetic analyses of smoking initiation, nicotine dependence, and smoking cessation</i> Hermine H. Maes, Patrick F. Sullivan, Cindy Bulik, Michael C. Neale, and Lindon J. Eaves	
9:30	<i>Assortative mating for DSM-IV alcohol dependence: Evidence from the Australian Twin Study</i> Julia D. Grant, Andrew C. Heath, Kathleen K. Bucholz, Pamela A. F. Madden, and Nicholas G. Martin	
9:45	<i>Exploring Gene-Environment Interactions: Moderating Influences on Alcohol Use</i> Danielle M. Dick, Richard J. Viken, Jaakko Kaprio, and Richard J. Rose	
10:00	<i>Interactive effects of genotype and environment on total weekly alcohol consumption in female twins: A replication study</i> T.L. McLaughlin, Andrew C.Heath, Kathleen K. Bucholz, Pamela A.F. Madden, Wendy S. Slutske, and Nicholas G. Martin	
10:15	<i>Separating the influences of age, and age-related variables in the analysis of change in alcohol consumption among female twins</i> Carol A. Prescott, and Kenneth S. Kendler	
10:30	<i>Genetic and environmental correlations among antisociality, alcohol consumption, and alcohol problems.(T)</i> Brian S. Mustanski, Richard J. Viken, Jaakko Kaprio, and Richard J. Rose	

<b>10:45 - 11:15</b>	<b>Coffee</b>
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<b>11:15 - 12:00</b>	<b>PLENARY LECTURE</b> <b>Finding and identifying behavior genes in humans</b> <b>Professor Peter McGuffin</b>	<b>Adirondack C/D Room</b>
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<b>12:00 - 1:00</b>	<b>Lunch</b>
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<b>Thursday June 29<sup>th</sup> 1:00 - 3:00</b>	<b>SYMPOSIUM I</b> <i>Cognitive decline and dementia</i> <b>Organizer and chair: Margaret Gatz</b> <b>Discussant: Jack McArdle</b>	<b>Adirondack C Room</b>
	<i>Contributions of perceptual and motor speed to heritability of cognition in late adulthood</i> Deborah Finkel	
	<i>Genetic and environmental influences on late-life cognitive decline</i> Matt McGue, and Kaare Christensen	
	<i>Age, education, and bio-markers associated with cognitive decline in Swedish twins</i> Chandra Reynolds	
	<i>Finding a satisfactory solution to influences on age at onset in dementia</i> Nancy Pedersen, Margaret Gatz, Samuel Posner, and Samuli Ripatti	

<b>Thursday June 29<sup>th</sup> 1:00 - 2:45</b>	<b>PAPER SESSION II</b> <i>QTL and other methodological issues</i> <b>Chair: John K. Hewitt</b>	<b>Adirondack D Room</b>
1:00	<i>Linkage disequilibrium analysis of pedigree data (T)</i> Gonalo R. Abecasis, Lon R. Cardon, and W.O.C. Cookson	
1:15	<i>Epistasis in QTL linkage analysis: interaction or main effect?(T)</i> Shaun Purcell, and Pak C. Sham	
1:30	<i>Effects of pedigree structure and genetic model on the power of QTL linkage analysis</i> Fruhling V. Rijdsdijk, and Pak C. Sham	
1:45	<i>Genetic markers data in survival studies of siblings: the results of simulation study (T)</i> Anatoli I. Yashin, Ivan A. Iachine, and Alexander Z. Begun	

2:00	<i>Genetic analysis of multivariate ordinal data</i> Michael C. Neale
2:15	<i>A review of family studies examining the etiology of comorbidity between two disorders</i> Soo Hyun Rhee, John K. Hewitt, Robin P. Corley, and Michael C. Stallings
2:30	<i>Half-siblings and nonlinear genetic models</i> Eric Turkheimer, and Mary Waldron

<b>3:00 - 3:30</b>	<b>Film</b> <i>Canine Kasper Hausers: A film by John L. Fuller on the effects of isolation on the behavior of dogs</i> <b>Presenter: Martin E. Hahn</b>
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<b>3:30 - 4:00</b>	<b>Coffee</b>
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<b>Thursday June 29<sup>th</sup> 4:00 - 6:00</b>	<b>POSTER SESSION</b> <span style="float: right;"><b>Adirondack A/B Ball Room</b></span>
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	<b>POSTER SESSION</b>
1	<i>Genetic structure of personality: Relationship between TCI and NEO</i> Juko Ando, Naoko Onoda, and Yutaka Ono
2	<i>Candidate genes for frontal EEG asymmetry: preliminary results of a case-control study</i> Andrey P. Anokhin, Nenad Svrakic, Andrei B. Vedeniapin, William Wu, Alison Goate, and John W. Rohrbaugh
3	<i>Effects of macroenvironmental context variables on developmental dimensions of childhood and adolescent antisocial behavior (T)</i> Jessica L. Bar
4	<i>Effects of prenatal cocaine exposure upon a sequence of aggression situations in mice</i> Robert H. Benno, Martin E. Hahn, and Norman Schanz
5	<i>Assessment of possible alterations of cholinergic basal forebrain in YAC polytransgenic mice: a mouse model of Down syndrome</i> Igor Branchi, Zoë Bichler, Danièle Migliore-Samour

6	<i>Alcohol dependence and depression in a national sample of Australian twins</i> Kathleen K. Bucholz, Andrew C. Heath, Pamela A.F. Madden, Wendy S. Slutske, Laura J. Bierut, Dixie J. Statham, and Nicholas G. Martin
7	<i>An examination of the associations between DRD4 and personality traits (T)</i> S. Alexandra Burt, Matthew K. McGue, and William G. Iacono
8	<i>Heritability of the Gender Identity Disorder</i> Frederick L. Coolidge, Linda L. Thede, and Susan E. Young
9	<i>Longitudinal and developmental analysis of general cognitive ability and school performance: A sibling study</i> Robin P. Corley, and Sally J. Wadsworth
10	<i>Sex differences in the genetic influences on motivations for drinking</i> Rebecca J. Cross, Carol A. Prescott, John L. Horn, and Kenneth S. Kendler
11	<i>Differential genetic etiology of reading disability as a function of rapid automatized naming and phonological decoding (T)</i> Chayna J. Davis, Valerie S. Knopik, Sally J. Wadsworth, Richard K. Olson, and John C. DeFries
12	<i>Genetic influences on aggression in preschoolers: Preliminary analyses</i> Lisabeth F. DiLalla
13	<i>Partitioning the intergenerational transmission of parental smoking and child birth weight: The role of the children of twins methodology (T)</i> Brian M. D'Onofrio, Eric Turkheimer, Linda A. Corey, Robert E. Emery, Mary Waldron, Kare Berg, and Lindon J. Eaves
14	<i>A study of the genetic and environmental etiology of stuttering in a selected twin sample</i> Susan Felsenfeld, Katherine M. Kirk, Gu Zhu, Dixie J. Statham, Michael C. Neale, and Nicholas G. Martin
15	<i>Everyone Recalls the Same Items From a Word Recall Task</i> Deborah Finkel
16	<i>Maternal sensitivity and measured common environmental factors: a twin study</i> Nadine Forget-Dubois, Daniel Pérusse, George Tarabulsky, Bernard Boulerice, Marie-Claude Martel, Michel Boivin, and Richard E. Tremblay
17	<i>Genetic and Environmental Contributions Common And Specific to Suicidality: A Multivariate Analysis</i> Qiang Fu, Andrew C. Heath, Kathleen K. Bucholz, Elliot Nelson, Jack Goldberg, Michael J. Lyons, Theodore Jacob, Seth A. Eisen, and William R. True
18	<i>Longitudinal analyses of teacher-rated temperament in early adolescence (T)</i> Jeffrey R. Gagne, and Kimberly J. Saudino
19	<i>Effects of prenatal cocaine exposure upon maternal retrieval behavior in mice (T)</i> Christopher W. Hess, Martin E. Hahn, Robert H. Benno, and Norman Schanz

20	<i>The heritability of evolutionarily acquired mental mechanisms: A study on the Selection task with twin design</i> Kai Hiraishi, Juko Ando, Yutaka Ono, and Toshikazu Hasegawa
21	<i>Change and stability of self-reported life satisfaction among adult twins - a 15 year follow-up 5</i> Markku Koskenvuo, Kirsi Lillberg, Heli Koivumaa-Honkanen, and Jaakko Kaprio
22	<i>Gender Differences and Interactive Effects in the Etiology of Early Adolescent Substance Use (T)</i> N. Légrand, Matt McGue, and William G. Iacono
23	<i>Population based survey of the EPQ in Southern England</i> Neilson C. Martin, Lon R. Cardon, and Jonathan Flint
24	<i>Japanese twin study of co-morbidity of the depression and anxiety, and the effect of genetic and environmental factors</i> T. Momose, Juko Ando, Naoko Onoda, and Yutaka Ono
25	<i>Neuro-ontogeny and development in the ataxic mouse mutant, hotfoot</i> Donald J. Nash, and Laura J. Draski
26	<i>Genetic and environmental influences on "affectionless control" in Japanese population</i> Naoko Onoda, Juko Ando, and Yutaka Ono
27	<i>Genetic influences on activity level in adolescence: Do the same genetic effects operate on parent ratings, self ratings and mechanical measures?</i> Kimberly J. Saudino, Lee A. Thompson, and Jeffrey R. Gagne
28	<i>Personality structure in young adults and their parents</i> Stephanie Schmitz, Robin P. Corley, and John K. Hewitt
29	<i>Twin Study of Suicidal Behavior: Replication and Extension</i> Nancy L. Segal, and Alec Roy
30	<i>Power and robustness of candidate gene study designs</i> Leo A. Sirota, and Dean H. Hamer
31	<i>Is divorce a variant of bachelorhood?</i> Susan L. Trumbetta, Irving I. Gottesman, and Eric N. Turkheimer
32	<i>Genetic covariance between antisociality and diffuse somatic symptoms in adolescent twins</i> Richard J. Viken, Jaakko Kaprio, and Richard J. Rose
33	<i>Stability of genetic and environmental influences on reading performance from 7 to 16 years of age in the Colorado Adoption Project</i> Sally J. Wadsworth, Robin P. Corley, John K. Hewitt, and J. C. DeFries

34	<i>Latent Class and Genetic Analysis on Nicotine Withdrawal in Men</i> Hong Xian, Jeffrey Scherrer, Pamela AF Madden, Seth A Eisen, William R True, Jack Goldberg, Michael Lyons, and Ming Tsuang
35	<i>Another Answer to the Question, Why are Siblings in the Same Family So Different? (T)</i> Mary Waldron, and Eric Turkheimer

**FRIDAY JUNE 30**

<b>Friday June 30<sup>th</sup> 8:30 - 10:15</b>	<b>PAPER SESSION III Anxiety, depression, and personality Chair: Matt McGue</b>	<b>Adirondack C Room</b>
8:30	<i>Depression and anxiety disorders in a selected sample of Australian twins and their families: methodology</i> Katherine M. Kirk, Gavin Andrews, and Nicholas G. Martin	
8:45	<i>Depression and anxiety disorders in a selected sample of Australian twins and their families: models of family resemblance</i> Nicholas G. Martin, and Katherine M. Kirk	
9:00	<i>The structure of anxiety in 4-year-olds: a genetic analysis</i> Thalia C. Eley, Derek Bolton, Thomas O'Connor, Sean Perrin, Patrick Smith, and Robert Plomin	
9:15	<i>Demographic risk factors and moderators of genetic influence in separation anxiety disorder (T)</i> Nikole J. Cronk, Wendy S. Slutske, Pamela A. F. Madden, Kathleen K. Bucholz, and Andrew C. Heath	
9:30	<i>Change and continuity in temperament ages 4 to 7 years (T)</i> Carol Van Hulle, Robin P. Corley, and John K. Hewitt	
9:45	<i>Genetic and environmental relationships between normal and abnormal personality (T)</i> Kristian E. Markon, Robert F. Krueger, and Thomas. J. Bouchard	
10:00	<i>A biometric analysis of personality traits and externalizing disorders (T)</i> Brian M. Hicks, Robert F. Krueger, William G. Iacono, and Matt McGue	

<b>Friday June 30<sup>th</sup> 8:30 - 10:30</b>	<b>SYMPOSIUM II <i>Genetics of brain function and processing</i> Organizer and chair: Dorret I. Boomsma Discussant: Nicholas G. Martin</b>	<b>Adirondack D Room</b>
	<i>Genetic correlations between P300 and EEG power spectrum</i> Andrey P. Anokhin, G. Caroline M. van Baal, Toos C.E.M. van Beijsterveldt, Julia D. Grant, Eco J.C. de Geus and Dorret I. Boomsma.	
	<i>Psychophysiological phenotypes of cognition: the P3 and SW components</i> Margie Wright	
	<i>Memories are made of [TH]is</i> G. Caroline M. van Baal, Danielle Posthuma, Eco J.C. de Geus, and Dorret I. Boomsma	

	<p><i>Genetic structure of visual/verbal working memory and its relationship with the ERP parameters</i>  Juko Ando, Kaname Mochizuki, Kai Hiraishi, Hiroshi Maruyama, Naoko Onoda, and Yutaka Ono</p>
	<p><i>A twin study of psychometric intelligence and efficiency of information processing</i>  Glen Smith</p>
	<p><i>A genome scan for QTLs associated with general cognitive ability ('g')</i>  Robert Plomin</p>

<b>10:30 - 11:00</b>	<b>Coffee</b>
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<b>Friday June 30<sup>th</sup> 11:00 - 12:00</b>	<p><b>PAPER SESSION IV</b>  <b>Risk factors</b>  <b>Chair: Michael Pogue-Geile</b></p>	<b>Adirondack C Room</b>
11:00	<p><i>Direction of causation modeling between personality, measures of perceived parenting and recently experienced psychiatric symptoms (T)</i>  Nathan Gillespie, David L. Duffy, and Nicholas G. Martin</p>	
11:15	<p><i>Gene-environment interaction and evocative gene-environment correlation: contributions of harsh discipline and parental psychopathology to problem adolescent behaviors</i>  Kristin Riggins-Caspers, Remi Cadoret, and John Knutson</p>	
11:30	<p><i>Differential deficit in working memory, not attention, associated with liability to schizophrenia: a sibling study of the expectancy AX-CPT (T)</i>  Angus W. MacDonald, III, Michael F. Pogue-Geile, Judy L. Thompson, Laura L. Ross, Tamika Allen, Melissa K. Johnson, Nicole D. Lollo, Allison R. Marquette, Eric J. Yablonski, and Cameron S. Carter</p>	
11:45	<p><i>Are opposite-sex twins atypical? (T)</i>  Khytam Dawood, J. Michael Bailey, and Nicholas G. Martin</p>	

<b>Friday June 30<sup>th</sup> 11:00 - 12:15</b>	<p><b>PAPER SESSION V</b>  <b>Cognitive abilities</b>  <b>Chair: Caroline van Baal</b></p>	<b>Adirondack D Room</b>
11:00	<p><i>Longitudinal genetic analysis of intelligence at 5, 7, 10, and 12 years of age (T)</i>  Meike Bartels, Marjolein J.H. Rietveld, G.C.M. van Baal, and Dorret I. Boomsma</p>	
11:15	<p><i>A longitudinal twin study of specific cognitive abilities in preschool children (T)</i>  Thomas S. Price, Philip S. Dale, Jim Stevenson, Thalia C. Eley, and Robert Plomin</p>	

11:30	<i>Familial correlations between reading measures in a U.K. sib-pair cohort (T)</i> Angela J. Marlow, Simon E. Fisher, Clyde Francks, Joel Talcott, Alex J. Richardson, Anthony P. Monaco, John F. Stein, and Lon R. Cardon
11:45	<i>The influence of genetic factors on choice response time and delayed response tasks (T)</i> Michelle Luciano, Glen A. Smith, Gina M. Geffen, Margie J. Wright, Laurie B. Geffen, and Nicholas G. Martin
12:00	<i>Genetic influences on ERP slow wave measures of working memory in adolescence (T)</i> Narelle K. Hansell, Margie J. Wright, Gina M. Geffen, Laurie B. Geffen, Glen A. Smith, and Nicholas G. Martin

<b>12:00 - 1:00</b>	<b>Lunch</b>
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<b>Friday June 30<sup>th</sup> 1:00 - 3:30</b>	<b>SYMPOSIUM III</b> <b>The Twin Mothers Project</b> <b>Organizer and chair: Jenae M. Neiderhiser</b> <b>Discussant: Robert Plomin</b>	<b>Adirondack C Room</b>
	<i>The Twin Mothers Project</i> David Reiss, Nancy Pedersen, Marianne Cederblad, Kjell Hansson, Paul Lichtenstein, Jenae M. Neiderhiser, Olof Elthammar	
	<i>An ecological exploration of factors influencing the parenting of adolescents using behavioral genetic techniques (T)</i> Erica L. Spotts	
	<i>Genetic and environmental contributions to the associations between personality characteristics and adjustment in twin women: The role of mothering as a mediator</i> Jenae M. Neiderhiser	
	<i>The etiology of genetic and environmental influences on marital relationships</i> Paul Lichtenstein	
	<i>The nature of attachment</i> Jody Ganiban, and Jenae Neiderhiser	
	<i>Mothering as an influence on the mother's own mental health</i> Nancy L. Pedersen	

<b>Friday June 30<sup>th</sup> 1:00 - 3:30</b>	<b>SYMPOSIUM IV</b> <b>Trisomy 21: from the clinic to the bench</b> <b>Organizer and chair: Pierre Roubertoux</b> <b>Discussant: Linda S. Crnic</b>	<b>Adirondack D Room</b>
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	<i>The mapping of Down syndrome phenotypic features</i> J.M. Delabar
	<i>Behavioral and neural phenotype of a mouse model of Down syndrome</i> Linda S. Crnic, and Lynn A. Hyde
	<i>Murine models with different expression levels of genes relevant to Down syndrome: a tool for understanding the role of single genes in neurophatological traits</i> M. Dierssen, X. Altafaj, V. Fotaki, C. Casas, J. Visa, M.L. Arbonés, J. Guimerà, C. Fillat, C. Baamonde, C. Martinez-Cué, M. Lumbreras, J. Flórez, and X. Estivill
	<i>Behavioral and cognitive performances of transgenic mice for Down Chromosomal Region (DCR)</i> Caroline Chabert, and Pierre L. Roubertoux
	<i>Spontaneous stereotypy in an animal model of Down syndrome (Ts65Dn mice)</i> Mark H. Lewis, Cortney A. Turner, and Michael F. Presti

<b>4:00 - 5:00</b>	<b>BUSINESS MEETING</b>	<b>Adirondack C/D Room</b>
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<b>7:00</b>	<b>BANQUET</b> <b>PRESIDENTIAL ADDRESS: BGA at 30 years: Reflections and projections</b> <b>Professor Richard J. Rose</b>	<b>Shelburne Farms/Coach Barn</b>
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## SATURDAY JULY 1

<b>Saturday July 1<sup>st</sup> 9:00 - 10:30</b>	<b>SYMPOSIUM V</b> <span style="float: right;"><b>Adirondack C/D Room</b></span> <b>Behavior genetic perspectives on personality structure</b> <b>Organizers: Robert Krueger and Michael Stallings</b> <b>Chair: Robert F. Krueger</b> <b>Discussant: Andrew C. Heath</b>
	<i>Joint multivariate genetic analysis of personality dimensions from the TPQ, EPQ and KSP</i> Michael C. Stallings, John K. Hewitt, Scott M. Hofer, Andrew C. Heath, and Lindon J. Eaves
	<i>Phenotypic, genetic, and environmental parallels in the structure of personality: evidence from the Minnesota Twin Registry</i> Robert F. Krueger
	<i>Sources of structure: genetic, environmental, and artifactual influences on the covariance of personality traits</i> Kerry Jang

<b>10:30 - 11:00</b>	<b>Coffee</b>
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<b>Saturday July 1<sup>st</sup> 11:00 - 12:00</b>	<b>PAPER SESSION VI</b> <span style="float: right;"><b>Adirondack C Room</b></span> <b>Human association studies, transgenic mice</b> <b>Chair: Irwin D. Waldman</b>
11:00	<i>Evidence of association between externalizing behavior and dopamine transporter genotype in young twins</i> Susan E. Young, Andrew Smolen, Robin P. Corley, Michael C. Stallings, and John K. Hewitt
11:15	<i>Association and linkage between DRD3 and childhood disruptive behavior disorders</i> Irwin D. Waldman, David C. Rowe, Craig Stever, L. Nicole Giedinghagen, Jaime M. C. Gard, H. Harrington Cleveland, Samantha T. Terris, Jennifer H. Mohr, and Stephanie Sherman
11:30	<i>[beta]-2 adrenergic receptor gene variations and blood pressure under stress in normal twins</i> Andreas Busjahn, Guo-Hua Li, Hans-Dieter Faulhaber, Magda Rosenthal, Bernd Timmermann, Margret R. Hoehe, and Friedrich .C. Luft,
11:45	<i>Immunological disorders in transgenic mice for Down Syndrome Region</i> Zoë Bichler, Marie-Claude Gonzalez, and Danièle Migliore-Samour

<b>Saturday July 1<sup>st</sup> 11:00 - 11:45</b>	<b>PAPER SESSION VII Social interactions, well-being, fertility Chair: David C. Rowe</b>	<b>Adirondack D Room</b>
11:00	The friends of siblings: a test of social homogamy vs peer selection David C. Rowe, Michael Gilson, and Cathy B. Hunt	
11:15	Genetic and environmental sources for the correlation between dominance and subjective well-being in zoo chimpanzees (Pan troglodytes) Alexander Weiss, J.E. King, and R.M. Enns	
11:30	Behavior genetic modeling of human fertility: findings from a contemporary Danish twin study Joseph Lee Rodgers, Hans-Peter Kohler, Kirsten Kyvik, and Kaare Christensen	

<b>1:00 - 2:00</b>	<b>EXECUTIVE COMMITTEE MEETING</b>	<b>Montpelier C Room</b>
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## NOTES

# BEHAVIOR GENETICS ASSOCIATION 30<sup>th</sup> ANNUAL MEETING

Burlington, Vermont, USA June 28-July 1, 2000

## Program Overview

<b>WEDNESDAY JUNE 28</b>		
12:00 - 6:00	REGISTRATION	North Pre Function Area
4:00 - 6:00	EXECUTIVE COMMITTEE MEETING	Montpelier C Room
6:00 - 9:00	WELCOME RECEPTION Cocktails & Hors D'oeuvres	Boat House
<b>THURSDAY JUNE 29</b>		
8:00 -	REGISTRATION	North Pre Function Area
8:30 - 10:45	PAPER SESSION I <i>Nicotine and Alcohol</i>	Adirondack C/D
11:15 - 12:00	PLENARY LECTURE <i>Finding and identifying behavior genes in humans</i>	Adirondack C/D
1:00 - 3:00	SYMPOSIUM I      Adirondack C <i>Cognitive decline, dementia</i>	PAPER SESSION II      Adirondack D <i>QTL and other method issues</i>
3:00 - 3:30	FILM <i>Canine Kasper Hausers</i>	Adirondack C/D
6:00 - 7:30	POSTER SESSION	Adirondack A/B Ball Room
<b>FRIDAY JUNE 30</b>		
8:30 - 10:30	PAPER SESSION III      Adirondack C <i>Anxiety, depression, personality</i>	SYMPOSIUM II      Adirondack D <i>Brain function</i>
11:00 - 12:00	PAPER SESSION IV      Adirondack C <i>Risk factors</i>	PAPER SESSION V      Adirondack D <i>Cognitive abilities</i>
1:00 - 3:30	SYMPOSIUM III      Adirondack C <i>Twin mothers project</i>	SYMPOSIUM IV      Adirondack D <i>Trisomy 21</i>
4:00 - 5:00	BUSINESS MEETING	Adirondack C/D
6:15	Bus Transportation	Outside Lobby
7:00	BANQUET Awards Presentation & Presidential Address	Shelburne Farms/Coach Barn
<b>SATURDAY JULY 1</b>		
9:00 - 10:30	SYMPOSIUM V <i>Personality structure</i>	Adirondack C/D
11:00 - 12:00	PAPER SESSION VI      Adirondack C <i>Human Association, Mouse Transgenics</i>	PAPER SESSION VII      Adirondack D <i>Social Interaction, Well-being, Fertility</i>
1:00 - 2:00	EXECUTIVE COMMITTEE MEETING	Montpelier C Room