

Publications List

August 2007



BOOK SECTION

Bennett, K. S., F. Levy, et al. (2007). Behaviour Genetic Approaches to the study of ADHD. Handbook of attention deficit hyperactivity disorder. M. Fitzgerald, M. Bellgrove and M. Gill. West Sussex, England, John Wiley and Sons: 111-128.

Byrne, B., R. K. Olson, et al. (*in preparation*). Tasking the learning in learning to read seriously: Evidence from intervention and twin studies (tentative title). Scientific Studies of Reading.

Hay, D. A. and A. Barton (*in press*). Attention-deficit/hyperactivity disorder and comorbid drug use. Responding to Co-occurring Mental Health and Drug Disorders. S. Allsop and W. Saunders. Perth, IP Communications.

Levy, F., K. S. Bennett, et al. (2006). A twin study of conduct disorder and ADHD: Is extreme Conduct Disorder different? Attention-deficit/hyperactivity disorder (AD/HD) and the hyperkinetic syndrome (HKS): Current ideas and ways forward. R. Oades. New York, Nova Science Publishers: 23-34.

Noller, P., C. Conway, et al. (*In press*). Sibling relationships in adolescent and young adult twin and nontwin siblings: Managing competition and comparison. Social relationships: Cognitive, affective and motivational processes. J. Forgas and J. Fitness. New York, Psychology Press.

Townsend, G., T. Hughes, et al. (2005). The dentitions of monozygotic twin pairs: focusing on the differences rather than the similarities. Current trends in dental morphology research. E. Zadzinska. Poland, 13th International Symposium on Dental Morphology, University of Lodz: 337-352.

PEER REVIEWED PUBLICATIONS

Agrawal, A., P. A. Madden, et al. (2005). "Correlates of regular cigarette smoking in a population-based sample of Australian twins." Addiction **100**(11): 1709-19.

Bennett, K. S., D. A. Hay, et al. (2006). "The Australian Twin ADHD Project: current status and future directions." Twin Res Hum Genet **9**(6): 718-26.

Bierut, L. J., P. A. Madden, et al. (2007). "Novel genes identified in a high-density genome wide association study for nicotine dependence." Hum Mol Genet **16**(1): 24-35.

Bigault, O., S. N. Shekar, et al. (*In prep*). "High heritability of refractive error and axial length. The Twins Eye Study."

Busst, C. J., K. J. Scurrah, et al. (2007). "Selective genotyping reveals association between the epithelial sodium channel γ -subunit and systolic blood pressure." Hypertension *In press*.

Byrne, B., R. K. Olson, et al. (2006). "Genetic and environmental influences on early literacy." Journal of Research in Reading **29**: 33-49.

Byrne, B., S. Samuelson, et al. (*in preparation*). "Title unknown:- update on preschool stage of longitudinal twin study of reading and language, with country comparison."

Byrne, B., S. Samuelsson, et al. (2007). "Longitudinal twin study of early literacy development: preschool through Grade 1." Reading and Writing: An Interdisciplinary Journal **20**: 77-102.

Byrne, B., S. Wadsworth, et al. (2005). "Longitudinal twin study of early literacy development: Preschool and kindergarten phases." Scientific Studies of Reading **9**: 219-235.

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- Chamberlain, M. D., R. H. Guymer, et al. (2006). "Heritability of macular thickness determined by optical coherence tomography." Invest Ophthalmol Vis Sci 47(1): 336-40.
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- Dirani, M., M. Chamberlain, et al. (*in prep.*). "Twin myopia study - methodology paper."
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Wainwright, M., M. Wright, et al. (2005). "Multivariate genetic analysis of academic skills of the Queensland core skills test and IQ highlight the importance of genetic g." Twin Research and Human Genetics 8(6): 602-608.

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Zhao, Z., D. R. Nyholt, et al. (2005). "A comparison of DNA pools constructed following whole genome amplification for two-stage SNP genotyping designs." Twin Research and Human Genetics 8(4): 353-361.

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PUBLISHED ABSTRACTS

Dirani, M., M. Chamberlain, et al. (2007). Heritability for Known Risk Factors in Myopia - The Genes in Myopia (GEM) Twin Study. Invest Ophthalmol Vis Sci. 48: E-Abstract 3236.

Dirani, M., P. Garoufalis, et al. (2006). Identifying the Genetic Components to Myopia - A Classical Twin Study. Invest Ophthalmol Vis Sci. 47: E-Abstract 5823.

Hogg, R., P. Dimitrov, et al. (2007). Identifying Genetic Components of Visual Function - A Classical Twin Study. Invest Ophthalmol Vis Sci. 48: E-Abstract 3237.

Hughes, T., G. Townsend, et al. (2007). Emergence of primary incisors in Australian twins. Journal of Dental Research. 83: Special Issue A: Abstract.

Plumb, K., N. Sinaii, et al. (2005). Differences in characteristics of 1000 women with endometriosis based on disease severity. European Journal of Obstetrics & Gynaecology and Reproductive Biology 123. S5: Abstract.

Townsend, G., L. Richards, et al. (2007). Explaining the causes of phenotypic variation in the teeth of twins. Twin Res Hum Genet Suppl: Abstract.

Treloar, S. A., N. Martin, et al. (2005). Characteristics and symptoms in 3895 women diagnosed with endometriosis in an Australian genetic epidemiology study. European Journal of Obstetrics & Gynaecology and Reproductive Biology 123. S5: Abstract.

Treloar, S. A., G. W. Montgomery, et al. (2005). Genomewide linkage study in 1,176 affected sister pair families identifies significant linkage to endometriosis. European Journal of Obstetrics & Gynaecology and Reproductive Biology 123. S7: Abstract.

Zondervan, K., J. Lin, et al. (2005). First evidence that a rare genetic polymorphism with high penetrance is involved in the aetiology of endometriosis. European Journal of Obstetrics & Gynaecology and Reproductive Biology 123. Supp 1: Abstract.

CONFERENCE PROCEEDINGS

Bennett, K. S., D. Hay, et al. (2005). Refining the phenotype of ADHD: The molecular genetics of inattention in Australia. Sixth Annual Meeting of the ADHD Molecular Genetics Network, Miami, USA.

Bockmann, M., N. Gully, et al. (2006). Colonisation and transmission of Mutans streptococci in Australian twins and their families. Colgate Australia Clinical Dental Research Centre Research Day, Adelaide, Australia.

Byrne, B. (2005). Genes and environment in early literacy and language. University of London, Institute of Education, London.

Byrne, B. (2005). Longitudinal twin study of early literacy and language. Annual Conference of the International Dyslexia Association, Denver.

Byrne, B. (2005). Longitudinal twin study of early literacy and language. Australian Language and Speech Conference, Sydney.

Byrne, B. (2005). Longitudinal twin study of early literacy and language: The first three years. 12th Annual Conference of the Society for the Scientific Study of Reading, Toronto.

Byrne, B. (2006). Genetic and environmental influences on early literacy: Current science and its implications. 14th Annual International Conference of the Lindamood-Bell Workshops, Los Angeles.

Byrne, B. and e. al (2006). Learning-based and 'static' measures in early literacy: A behavior-genetic analysis. 13 Annual Conference of the Society for the Scientific Study of Reading, Vancouver.

Chamberlain, M., P. Baird, et al. (2005). Heritability and novel risk factors of early age-related macular degeneration (AMD). Royal Australian and New Zealand College of Ophthalmologist Annual Conference, Hobart.

Chamberlain, M., P. Baird, et al. (2005). Heritability of clinical features of Age-related macular degeneration - A twin study. American Research in Vision and Ophthalmology.

Dirani, M. (2005). The heritability of refraction errors and ocular biometrics. CERA Department Meeting, Melbourne.

Dirani, M. (2005). The heritability of refraction errors and ocular biometrics - A twin study. Vision CRC Postgraduate Review Week.

Dirani, M. and P. Baird (2005). The genetic component to myopia - A classical twin study. Ophthalmic Alumni Scientific Meeting.

Dirani, M. and P. Baird (2005). The heritability of myopia - A twin study. OAA Victorian Branch Scientific Meeting, Melbourne.

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Dirani, M., M. Chamberlain, et al. (2005). Concordant Bilateral Duane's Retraction Syndrome (type 1) in Female Monozygotic Twins. 37th Annual Scientific Congress of the Royal Australian and New Zealand College of Ophthalmologists.

Dirani, M., M. Chamberlain, et al. (2005). Identifying the genetic component to myopia - a twin study. GeneMapper's 2005: 5th Australasian Human Gene Mapping Conference, Mt Buller, Victoria.

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Hay, D. (2006). Keynote Speaker. Genes, environment, gene-environment interaction: Where will the genetics of child psychopathology be in 2010? 17th World Congress of the International Association for Child and Adolescent Psychiatry and Allied Professions, Melbourne, Australia.

Hay, D. (2006). The role of twin studies in ADHD. NIMH: Molecular Genetics Conference, Brussels, Belgium.

Hay, D., N. Martin, et al. (2007). Is there a genetic basis to DARC (Deficits of Attention, Reading and Co-ordination)? International Society for Child and Adolescent Psychopathology, London, England.

Hughes, T., L. Richards, et al. (2005). Genetic influences on primary incisor crown size in Australian twins. 83rd General Session, International Association for Dental Research, Baltimore, USA.

Hughes, T., G. Townsend, et al. (2006). The genetic basis of primary tooth emergence. Colgate Australia Clinical Dental Research Centre Research Day, Adelaide, Australia.

Levy, F., K. S. Bennett, et al. (2005). A twin study of conduct disorder and ADHD: Is extreme conduct disorder different? International Society of Research in Child and Adolescent Psychopathology, New York, USA.

Martin, N., K. S. Bennett, et al. (2005). Attention Deficit Hyperactivity Disorder and Reading Disability: Results of latent class analyses. Sixth Annual Meeting of the ADHD Molecular Genetics Network, Miami, USA.

Martin, N., D. Hay, et al. (2007). DARC: Deficits of attention, reading and coordination. Australasian Human Development Association (AHDA) Conference, Sydney, Australia.

Martin, N., J. Piek, et al. (2007). DCD and ADHD: A genetic study of their shared etiology. 8th Motor Control and Human Skill Conference, Fremantle, Australia.

Martin, N. C., D. Hay, et al. (2006). DARC: Deficits of attention, reading and coordination. 17th Eunethydis Meeting, Bruges, Belgium.

Martin, N. C., D. Hay, et al. (2007). Deficits of attention, reading and coordination. 7th International Conference on Children with DCD, Melbourne, Australia.

McDougall, M., D. Hay, et al. (2006). Family and sibling relationships when twins are discordant for attention deficit hyperactivity disorder. 17th Eunethydis Meeting, Bruges, Belgium.

McDougall, M., D. Hay, et al. (2007). Twin relationships and attention deficit hyperactivity disorder. International Congress on Twin Studies, Ghent, Belgium.

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Pearsall-Jones, J., J. Piek, et al. (2007). Monozygotic twins discordant for attention deficit hyperactivity disorder and developmental coordination disorder: Genetics, epigenetics and environmental effects. Australasian Human Development Association (AHDA) Conference, Sydney, Australia.

Piek, J. (2007). The relationship between motor difficulties and developmental disorders. Australasian Human Development Association (AHDA) Conference, Sydney, Australia.

Rigoli, D., J. Piek, et al. (2007). Depression and anxiety in children with attention deficit hyperactivity disorder and/or developmental coordination disorder. Australasian Human Development Association (AHDA) Conference, Sydney, Australia.

Townsend, G., T. Hughes, et al. (2006). The dentitions of monozygotic twin pairs: focussing on the differences rather than the similarities. Current Trends in Dental Morphology, Lodz Poland, University of Lodz Press.

Townsend, G., L. Richards, et al. (2007). Explaining the causes of phenotypic variation in the teeth of twins. 12th International Congress on Twin Studies, Ghent, Belgium.

Townsend, G., K. Seow, et al. (2006). The genetic basis of primary tooth emergence. 84th General Session, International Association for Dental Research, Brisbane, Australia.

Treloar, S. A. (2007). Research update on endometriosis. Endometriosis Association (QLD) Inc. Information seminar, Brisbane Private Hospital.

Wade, T. (2005). Epidemiology and long-term course of eating disorders in an Australian twin cohort. Australian and New Zealand Academy of Eating Disorders, Sydney, Australia.

Wade, T. (2005). Use of latent trait analysis to identify eating disorder phenotypes in an adult Australian twin cohort. Eating Disorder Research Society, Toronto, Canada.

Wade, T. (2006). Shared personality risk factors for anorexia nervosa: A twin study. Eating Disorder Research Society, Port Douglas, Australia.

THESIS

Dooland, K. (2004-2005). Is there a side preference for bruxing? Adelaide, University of Adelaide.