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## **ACADEMIC POSITIONS**

### **June 2012 – present, Assistant Professor**

University of Texas, School of Public Health  
Mentor: Prof. Laura Mitchell

### **Sept 2009-Jun 2012 Postdoctoral Trainee**

Departments of Epidemiology and Biostatistics (Section on Statistical Genetics), University of Alabama at Birmingham, Alabama.  
Mentors: Prof. Donna Arnett, Prof. David Allison & Prof. Hemant Tiwari

## **ACADEMIC DEGREES**

### **Sept 2006- Aug 2009 PhD**

Social Genetic and Developmental Psychiatry Centre, Kings College London.  
Thesis title "The use of objective measures to improve ADHD phenotype definition and understanding of the underlying genetic architecture".  
Mentors: Dr. Jonna Kuntsi, Prof. Philip Asherson & Dr. Fruhling Rijdsdijk

### **Sept 2004- Sept 2005 MSc**

Social Genetic and Developmental Psychiatry Centre, Kings College London. (Merit).  
Thesis title: "Genetic Influences on Mechanically-Assessed Activity Level in Children".

### **Sept 2002- Sept 2003 Post Graduate Certificate in Education**

University of Cambridge.

### **Sept 1999 – June 2003 BSc**

University of Warwick. Psychology and Philosophy (1<sup>st</sup> Class (Hons))

## **PUBLICATIONS** (previously as A.C. Wood).

1. **Frazier-Wood, A.C.**, Manichaikul A., Aslibekyan, S., Borecki, I.B., Goff, D.C., Hopkins, P.M., Lai, C.M., Ordovas, J.M., Post, W.S., Rich, S.S., Sale, M.M., Szklo, M., Siscovick, D., Straka, R.J., Tiwari, H.K., Tsai, M.Y., Rotter, J.I., Arnett, D.K. (in press) Genetic variants associated with VLDL, LDL and HDL particle size differ with race/ethnicity. *Human Genetics*
2. Aslibekyan S, Goodarzi MO, **Frazier-Wood AC**, Yan X, Irvin MR, Kim E, Tiwari HK, Guo X, Straka RJ, Taylor KD, Tsai MY, Hopkins PN, Korenman SG, Borecki IB, Chen YI, Ordovas JM, Rotter JI, Arnett DK. (in press) Variants identified in a GWAS meta-analysis for blood lipids are associated with lipid response to fenofibrate. *PLoS ONE*.
3. Pinto, R., Rijdsdijk, F., **Wood, A.C.**, Plomin, R., Asherson, P & Kuntsi, J (in press) Bigger families fare better: rater bias in parental ratings on ADHD symptoms *Behavior Genetics*
4. Kuntsi J, **Frazier-Wood AC**, Banaschewski T, Gill M, Manor I, Miranda A, Mulas F, Oades RD, Roeyers H, Rothenberger A, Steinhausen H-C, van der Meere JJ, Faraone SV, Asherson P & Rijdsdijk F (2012) Genetic analysis of reaction time variability in ADHD: room for improvement? [Epub ahead of print]

5. **Frazier-Wood, A.C.**, Aslibekyan, S., Straka, R.J., Borecki, I. B., Tiwari, H.K., Tsai, M.Y. Hopkins, P.N., Ordovas, J.M. Arnett, D.K. (Epub ahead of print) Genome-wide association study of lipoprotein diameter response to fenofibrate. *Pharmacogenetics and Genomics*
6. Aslibekyan, S, Ping, A, **Frazier-Wood, AC**, Kabagambe, EK; Irvin, MR; Straka, RJ; Borecki, IB; Tiwari, HK; Tsai, MY, Hopkins, PN, Ordovas, JM, Arnett, DK (in press) Common variation in the 12q24 region is associated with adiponectin response to fenofibrate therapy in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN) *Nutrition, Metabolism and Cardiovascular Disease*
7. Loop, M.S., **Frazier-Wood, A.C.**, Thomas, A.S., Dhurandhar, E.J., Shikany, J.M., Gadbury, G.L., and Allison, D.B. (in press) Submitted for Your Consideration: Potential Advantages of a Novel Clinical Trial Design and Initial Patient Reaction. *Frontiers: pharmacokinetics*
8. Banaschewski, T., Jennen-Steinmetz, C., Kunsti, J., Sergeant, J. A., Brandeis, D., Buitelaar, J.K., Poutska, L., Schlotz, W., Sonuga-Barke, E.J., **Frazier-Wood, A.C.**, Albrecht, B., Andreou, P., Uebel, H., Marco, R., van der Meere, J.J., Gill, M., Manor, I., Miranda, A., Mulas, F., Oades, R.D., Roeyers, H., Rothenberger, A., Steinhausen, H., Faraone, S.V., & Asherson, P., (in press) Neuropsychological correlates of emotional lability in children with ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*
9. **Frazier-Wood, A.C.**, Garvey, W.T., Dall, T., Honigberg, R., Pourfarzib, R., (2012) Opportunities for Using Lipoprotein Subclass Concentration and Size Profiles by Nuclear Magnetic Resonance Spectroscopy For Assessing Insulin Resistance and Diabetes Prediction *International Journal of the Metabolic Syndrome [Epub ahead of print]*
10. **Frazier-Wood A.C.**, Ordovas, J.M, Hixson, J.E., Borecki, I.B., Arnett, D.K (in press) The PPARA gene is associated with triglyceride, lipoprotein, and inflammation marker response to fenofibrate intervention: The GOLDN Study *The Pharmacogenomics Journal [Epub ahead of print]*
11. **Frazier-Wood, A.C.**, Kabagambe, E.K., Borecki, I.B., Tiwari, H.K., Ordovas, J., & Arnett, D. K., (2012) Preliminary evidence for an association between LRP-1 genotype and body mass index in humans, which is not modified by an interaction with ApoE genotype. *PLoS ONE 7(2):e30732*
12. Cheung, H.M., **Wood A.C.**, Paloyelis, Y., Arias-Vasquez, A., Buitelaar, J.K., Franke, B., Miranda, A., Rommelse, N.N.J., Sergeant, J.A., Sonuga-Barke, E.J., Faraone, S.V., Asherson, P.A., & Kuntsi, J (2012) Aetiology for the covariation between combined type ADHD and reading difficulties in a family study: the role of IQ . *Journal of Child Psychology and Psychiatry and Allied Disciplines [Epub ahead of print]*
13. **Frazier-Wood, A.C.**, Bralten, J., Arias-Vasquez, A., Luman M., Oosterlaan J., Sergeant J., Buitelaar J., Franke B., Kuntsi, J., Rommelse, N,N, (2012) Neuropsychological intra-individual variability explains unique genetic variance of ADHD and shows suggestive linkage to chromosomes 12,13 and 15 (2012) *American Journal of Medical Genetics:159 B(2):131-40*
14. **Frazier-Wood, A.C.**, Glasser, S., Garvey, W.T., Kabagambe, E.K., Borecki, I.B., Tiwari, H.K., Tsai, M., Hopkins, P., Ordovas, J., & Arnett, D. K., (2011) A clustering analysis of lipoprotein diameters in the metabolic syndrome *Lipids in Health and Disease*10:237
15. **Wood, A.C.**, Glasser, S., Garvey, W.T., Kabagambe, E.K., Borecki, I.B., Tiwari, H.K., Tsai, M., Hopkins, P., Ordovas, J., & Arnett, D. K., (2011) Lipoprotein Lipase S447X polymorphism associates with VLDL, LDL and HDL diameter clustering. *Lipids in Health and Disease* 10: 143
16. **Wood, A.C.**, Kabagambe, E.K. Borecki, I.B., Tiwari, H.K., & Arnett, D.K. (2011) Dietary carbohydrate modifies the inverse association between saturated fat intake and cholesterol on very low-density lipoproteins *Lipid Insights* 4 7-15
17. **Wood, A.C.**, Rijdsdijk, F., Asherson, P., & Kunsti J. (2011) Inferring causation from cross-sectional data: the example of ADHD and novelty seeking behaviors *Frontiers in Genetics* 2:6
18. **Wood, A.C.**, & Neale, M., C (2010) Twin studies and molecular genetics: endophenotypes integrate quantitative and molecular genetic analysis in ADHD research. *Journal of the American Academy of Child and Adolescent Psychiatry* 49:9 874-883

19. Paloyelis, Y., Rijdsdijk, F., **Wood, A.C.**, Asherson, P. & Kuntsi, K., (2010) The genetic association between ADHD symptoms and reading difficulties: the role of inattentiveness and IQ. *Journal of Abnormal Child Psychology* 38(8) 1083-95
20. **Wood, A.C.**, Rijdsdijk, F., Johnson, K., Andreou, P., Albrecht, B., Arias-Vasquez, A., Buitelaar, J.K., McLoughlin, G., Rommelse, N.N.J., Sergeant, J.A., Sonuga-Barke, E.J.S., Uebel, H., van der Meere, J.J. Banaschewski, B., Gill, M., Manor, I., Miranda, A., Mulas, F., Oades, R.D., Roeyers, H., Rothenberger, A., Steinhausen, H.C., Faraone, S.V., Asherson P. & Kuntsi, J., (2010) The relationship between ADHD and key cognitive phenotypes is not mediated by shared familial effects with IQ. *Psychological Medicine* 4:1-11
21. Iliot N., Saudino K.J., **Wood, A.**, Asherson, P. (2010) A genetic study of ADHD and activity level in infancy. *Genes, Brain and Behavior* 9 (3) 296-304
22. **Wood, A.C.**, Buitelaar, J., Rijdsdijk, F., Asherson, P., & Kuntsi, J (2010) Rethinking shared environment as a source of variance underlying attention-deficit/ hyperactivity disorder symptoms: Comment on Burt (2009). *Psychological Bulletin* 36 (3) 331-40
23. Kuntsi, J., **Wood, A.C.**, Rijdsdijk, F., Johnson, K.A. Andreou, P., Albrecht, B., , Arias-Vasquez, A., Buitelaar, J.K., McLoughlin, G., Rommelse, N.N.J., Sergeant, J.A., Sonuga-Barke, E.J., Uebel, H., van der Meere, J.J., Banaschewski, T., Gill, M., Manor, I., Miranda, A., Mulas, F., Oades, R., Roeyers, H., Rothenberger, A., Steinhausen H.C., Faraone, S., Asherson, P., (2010) Separation of Cognitive Impairments in Attention Deficit/Hyperactivity Disorder into 2 Familial Factors. *Archives of General Psychiatry* 40(6) 1027-1037
24. **Wood, A.C.**, Rijdsdijk, F., Van De Meere, J.J., Asherson, P & Kuntsi J., (2009) Separation of genetic influences on ADHD symptoms and reaction time performance from those on IQ. *Psychological Medicine*. 40 (6) 1027-37
25. **Wood, A.C.** Asherson, P., Rijdsdijk, F., & Kuntsi, J., (2009) Is overactivity a core feature in ADHD? Familial and ROC-curve analysis of mechanically-assessed activity level. *Journal of the American Academy of Child and Adolescent Psychiatry*. 48:10 1023-1030
26. Kuntsi, J., **Wood, A.C.**, Van Der Meere, J., & Asherson, P., (2009) Why cognitive performance in ADHD may not reveal true potential: Findings from a large population-based sample. *Journal of the International Neurological Society* 15, 570-9
27. **Wood, A.C.**, Rijdsdijk, F., Asherson, P., & Kuntsi J., (2009) Hyperactive-impulsive symptom scores and oppositional behaviours reflect alternate manifestations of a single liability *Behavior Genetics* 39 (5) 447 - 460
28. **Wood, A.C.**, Kuntsi, J., Asherson, P., & Saudino, K., (2008) Actigraph data are reliable, with functional reliability increasing with aggregation. *Behavior Research Methods, Instruments and Computers* 40(3) 873-8.
29. **Wood, A.C.** Rijdsdijk, F., Saudino, K., Asherson, P., & Kuntsi, J., (2008) High heritability for a composite index of children's activity level measures. *Behavior Genetics* 38 (3) 266-76.
30. **Wood, A.C.**, Saudino, K., Rogers, H., Asherson, P., & Kuntsi, J., (2007) Genetic Influences on Mechanically-Assessed Activity Level in Children. . *Journal of Child Psychology and Psychiatry and Allied Disciplines*. 48(7) 695-702.

#### Submitted data

31. **Frazier-Wood, A.C.**, Aslibekyan, S., Straka, R.J., Borecki, I.B., Tiwari, H.K., Tsai, M.Y., Hopkins, P.N., Ordovas, J.M. & Arnett, D.K., Genetic variants associating with baseline particle subfractions do not predict fenofibrate response *Circulation: Cardiovascular Genetics; under review*
32. **Frazier-Wood, A.C.**, Wojczynski, M., Kabagambe, E.K., Borecki, I.E., Tiwari, H.K., Ordovas, J., & Arnett, D. K., (2012) The association between LRP-1 and chylomicron uptake. *Nutrition, Metabolism and Cardiovascular Disease; under review*
33. Kuntsi, J., Pinto, R., Iliot, N., Price, T.S., van der Meere, J.J., **Wood, A.C.** & Asherson, P. The separation of ADHD inattention and hyperactivity-impulsivity symptoms: specific pathways from genes to cognitive impairments and symptoms. *Psychological Medicine; revised manuscript under review*

34. Smith, CE., Ngwa, J., Tanaka, T., Qi, Q., Wojczynski MK., Lemaitre, RN., Anderson, JS., Manichaikul, A., Mikkilä, Van Rooij, F., Zheng, Y., Bandinelli, S., **Frazier-Wood, AC.**, Houston, DK., Hu, F., Langenberg, C., McKeown, NM., Mozaffarian D., North, KE., Viikari J., Zillikens, MC., Djousse, L., Hofman, MD A., Kähönen K., Kabagambe EKK., Loos, RFJ., Saylor, JB., Forouhi, NG., Liu, PhD, Y., Mukamal, KJ., Tsai, MY., Uitterlinden, AG., Raitakari, O., van Duijn, CM., Arnett, DK., Borecki, IB., Cupples, LA., Ferrucci, L., Kritchevsky, SB., Lehtimäki T., Qi, L., Siscovick, DS., Wareham, NJ., Witteman, JCM., Ordovas, JM., Nettleton, JA Lipoprotein receptor related protein 1 variant modulation by saturated fatty acids: a meta-analysis of fourteen cohorts *International Journal of Obesity; under review*
35. Tanaka, T., Ngwa, J., Dedoussis, G., van Rooij, F., Zillikens, M. C., Wojczynski, M., **Frazier-Wood, A.C.**, Houston, D., Kanoni, S., Lemaitre, R., Luan, J., Mikkilä, V., Renstrom, F., Sonestedt, E., Zhao, J.H., de Oliveira, O.M., Dhurandhar, E.J., Feitosa, M., Johansson, I., Khaw, K., Lohman, K., Manichaikul, A., McKweon, N., Mozaffarian, D., Singleton, A., Stirrups, K., Viikari, J., Zheng, Y., Bandinelli, S., Barroso, I., Borecki, I., Deloukas, P., Forouhi, N., Hofman, A., Liu, Y., Lyytikäinen, L., North, K., Wiggins, K., Dimitriou, M., Hallmans, G., Kähönen, M., Langenberg, C., Ordovas, J., Uitterlinden, A., Hu, F., Kalafati, I., Raitakari, O., van Duijn, C., Siscovick, D., Arnett, D., Franks, P., Kritchevsky, S., Lehtimäki, T., Loos, R., Marju, O., Rotter, J., Wareham, N., Witteman, J., Ferrucci, L., Cupples, L., Nettleton, J., Genome-wide Association Analysis of Macronutrient Intake *American Journal of Clinical Nutrition; under review*

### Pre-submission (drafts with co-authors or publications committees)

1. **Frazier-Wood, AC**, Borecki, IB, Feitosa, M, Hopkin, PN, Kabagambe, EK, Ordovas, JM, Straka, RJ, Tiwari, HK., Tsai, MY & Arnett, DK., Screen time is associated with changes in lipoprotein profiles, and this effect is not mediated by BMI, but by insulin resistance. (Target Journal: *Obesity*).
2. Kessler, E, **Frazier-Wood, A.C.** & Lichtenstein, P. Heritable covariance among economic behaviors (Target journal: *Proceedings of the National Academy of Sciences*)
3. **Frazier-Wood, AC**, Borecki, IB, Feitosa, M, Hopkin, PN, Kabagambe, EK, Ordovas, JM, Straka, RJ, Tiwari, HK., Tsai, MY & Arnett, DK., Screen time is associated with changes in lipoprotein profiles, and this effect is not mediated by BMI, but by insulin resistance. (Target Journal: *Obesity*).
4. Sepideh S, Rostami, R., **Frazier-Wood AC.**, Assessment of Iranian children with ADHD and learning disorder in PASS theory

### Invited book chapters

5. **Frazier-Wood, A.C.**, Rommel, A & Kuntsi, J., (in press) Attention Deficit Hyperactivity Disorder: Insight from Quantitative Genetic Studies In A. Ronald & Y.-K. Kim (Eds): *The genetics of psychopathology*. Springer.

### AWARDS

UAB Annual Postdoctoral Research Day: **2<sup>nd</sup> place**; February 2012

NORC "Creativity is Decision": **1<sup>st</sup> Place**; June 2011

Center for Cardiovascular Disease Biology Annual Retreat: **1<sup>st</sup> Place**; May 2011

Center for Cardiovascular Disease Biology Annual Retreat: **2<sup>nd</sup> Place**; May 2011

SOPH 3<sup>rd</sup> Annual Public Health Research day: **1<sup>st</sup> Place**; April 2011

AHA EPI/NPAM conference: **Young Investigator Award Finalist**; March 2011

2<sup>nd</sup> Annual International Congress on ADHD: **Young Investigator Award**; May 2009

## **COMPETITIVE TRAVEL AWARDS**

NIH scholarship to attend 'NIH Summer NIH Summer Institute on Social and Behavioral Intervention Research'

Diabetes Research Training Center; \$1,000; June 2011

Center for Cardiovascular Disease Biology; \$800; May 2011

OPE Postdoctoral Scholar's Award; \$1,500; Feb 2010

World ADHD Federation €1,000; June 2009

Behavior Genetics Association; \$600; June 2008

Behavior Genetics Association; \$600; June 2007

Vrije Universitat; €300; Oct 2006

## **INVITED TALKS**

"Using genetic information to change behaviour in the treatment of obesity"; *University of Northern Michigan, Michigan, USA; March 2012*

"K99 applications"\*; *American College of Sports Medicine (Early Career Day), San Francisco, California, USA; May 2012*

"Opportunities to use lipoprotein subclass profiles in a new understanding of gene-environment interplay"; *University of Alaska at Fairbanks, Fairbanks, Alaska, USA; Jan 2012*

"Towards a new understanding of gene-environment interplay"; *University of Texas, Houston, Texas, USA; Jan 2012*

"Using Biomarkers of Cognitive Performance to Understand the Aetiology of Attention Deficit/Hyperactivity Disorder"; *St Jude's Children's Hospital, Memphis Tennessee, USA; Jan 2012*

"Twin studies and molecular genetics. Are endophenotypes the key to integrating quantitative and molecular genetic analysis?"; *Section on Statistical Genetics, University of Alabama at Birmingham, Alabama, USA; Nov 2009*

## **RESEARCH SEMINARS**

"Resubmitting your revised application"; *Grant writing seminar series, University of Alabama at Birmingham, Alabama, USA.; Feb 2012*

"K99 applications to NIH"; *Grant writing seminar series, University of Alabama at Birmingham, Alabama, USA.; June 2011*

"Effects of insulin resistance and type 2 diabetes on lipoprotein subclass particle size and concentration determined by nuclear magnetic resonance"; *Journal club, Diabetes Research and Training Centre, University of Alabama at Birmingham, Alabama, USA.; May 2011*

"Whole genome approaches to quantitative genetics"; *Journal club, Section on Statistical Genetics, University of Alabama at Birmingham, Alabama, USA.; June 2010*

"Twin approaches in genetics"; *Journal club, Section on Statistical Genetics, University of Alabama at Birmingham, Alabama, USA.; Jan 2010*

"Are Hyperactivity-Impulsivity and Conduct Problems Alternate Manifestations of a Single Liability?". *Weekly seminar series, Social, Genetic and Developmental Psychiatry Centre, London, UK.; June 2008*

"The Overlap between Mechanical and Behavioural Measurements of Activity Level".; *Weekly seminar series, Social, Genetic and Developmental Psychiatry Centre, London, UK; June 2007*

"Genetic Influences on Mechanically Assessed Children's Activity Level".; *Weekly seminar series, Social, Genetic and Developmental Psychiatry Centre, London, UK.; June 2006*

## **CONFERENCE PRESENTATIONS**

### **Oral**

"Epidemiological Evidence that Self-reported Heavy Daily Physical Activity Improves Lipoprotein Subclass Profile " *Boshell Diabetes Research Day 2011, Auburn, Alabama; Feb 2012*

"An association between the LRP-1 I10701 polymorphism and body mass index in humans may be modified by an interaction with ApoE genotypes" *American Heart Association Scientific Sessions 2011, Orlando, Florida, USA; Nov 2011*

"Using full-information maximum likelihood estimation, to determine whether we can combine variables across samples in genome-wide association studies. The example of cognitive data" *American Society of Human Genetics, 60<sup>th</sup> Annual Meeting, Washington DC, Virginia, USA; Oct 2010*

"Validating genetic homogeneity across samples for GWAS". *Office of Postdoctoral Education, University of Alabama, Birmingham, USA; Feb 2010*

"Is over-activity a core feature in ADHD? A ROC-curve and familiarity analysis of mechanically-assessed activity level in ADHD and control sibling pairs". *2009 Behavior Genetics Association 39<sup>th</sup> Annual Meeting, Minneapolis, USA*

"Investigating genetically-informed composite scores in ADHD research: Reaction time and actigraph data". *2<sup>nd</sup> Annual International Congress on ADHD, Vienna, Austria; May 2009*

"A genetic examination of the relationship between hyperactivity-impulsivity and novelty seeking". *2008 Behavior Genetics Association 38<sup>th</sup> Annual Meeting, Kentucky, USA; June 2008*

"A Longitudinal Investigation of the Association Between ADHD and Later Problem and Risk-taking Behaviours in Adolescence". *British Psychological Society Developmental Section Annual Conference, Egham, UK. ; Sept 2006*

### **Posters (selected)**

**Frazier-Wood, A.C.**, Manichaikul A., Aslibekyan, S., Borecki, I.B., Goff, D.C., Hopkins, P.M., Lai, C.M., Ordovas, J.M., Post, W.S., Rich, S.S., Sale, M.M., Szklo, M., Siscovick, D., Straka, R.J., Tiwari, H.K., Tsai, M.Y., Rotter, J.I., Arnett, D.K. Genetic variants associated with VLDL, LDL and HDL particle size differ with race/ethnicity. *Beyond the Genome, Boston, Massachusetts, September 2012*

**Frazier-Wood, AC**, Borecki, IB, Feitosa, M, Hopkins, PN, Ordovas, JM, Tiwari, HK., & Arnett, DK., Screen time is associated with changes in lipoprotein profiles, and this effect is not mediated by BMI, but by insulin resistance. *The Obesity Society Annual Meeting, San Antonio, Texas, USA; September 2012*

**Frazier-Wood, A.C.**, Aslibekyan, S., Straka, R.J., Borecki, I. B., Tiwari, H.K., Tsai, M.Y. Hopkins, P.N., Ordovas, J.M. Arnett, D.K. Genome-wide Association Study suggests that Inflammation and Insulin Regulation Pathways may mediate Lipoprotein Diameter Response to Fenofibrate. *Nutrition, Physical Activity and Metabolism / Cardiovascular Disease Epidemiology and Prevention 2012 Scientific Sessions, Atlanta, Georgia, USA; March 2012*

**Wood, A.C.**, Glasser S., Kabagambe, E.K., Borecki, I.E., Tiwari, H.K., Tsai, M., Hopkins, P., Ordovas, J., Arnett D.A., "Lipoprotein Lipase S447X polymorphism associates with VLDL, LDL and HDL diameter clustering" *American Diabetes Association 71<sup>st</sup> Scientific Sessions, San Diego, California, USA; June 2011*

**Wood, A.C.**, Glasser S., Garvey, W.T., Kabagambe, E.K., Borecki, I.E., Tiwari, H.K., Tsai, M., Hopkins, P., Ordovas, J., Arnett, D.A., "VLDL, LDL and HDL diameter clustering in insulin resistance" *Nutrition, Physical Activity and Metabolism / Cardiovascular Disease Epidemiology and Prevention 2011 Scientific Sessions, Atlanta, Georgia, USA; March 2011*

Pinto, R., **Wood, A.**, Plomin, R., Asherson, P., Rijdsdijk, F., & Kuntsi, J. An examination of the sources of rater bias in parental ratings on ADHD symptoms *Eunethydis 1st international ADHD conference: from data to best clinical practice Amsterdam, The Netherlands; May 2010*

Celeste H.M.C, **Wood, A.C.**, Buitelaar, J.K., Miranda, A., Rommelse, N.N.J., Sergeant, J.A., Sonuga-Barke, E.J., Faraone, S.V., Asherson, P., Kuntsi, J. An examination of the sources of rater bias in parental ratings on ADHD symptoms *World Congress on Psychiatric Genetics, Athens, Greece, October 2010*

**Wood, A.C.**, Rijdsdijk, F., Asherson, P., & Kuntsi, J., "Using quantitative genetic analyses to inform future studies: the example of using ADHD symptom scores and objective measures of behaviour to refine the ADHD phenotype for future molecular genetic investigations." *2009 Behavior Genetics Association 39th Annual Meeting, Minneapolis, USA; June 2009*

**Wood, A.C.**, Rijdsdijk, F., Andreou, P., Christiansen, H., Gabriels, I., et al. "Familial factors underlying ADHD and cognitive task performance" *2nd Annual International Congress on ADHD, Vienna, Austria; May 2009*

**Wood, A. C.**, Rijdsdijk, F., Asherson, P., & Kuntsi, J., "Are hyperactivity-impulsivity and oppositional behaviours in the general population alternate manifestations of a single underlying liability?" *2nd Annual International Congress on ADHD, Vienna, Austria; May 2009*

**Wood, A.C.**, Rijdsdijk, F., Andreou, P., Christiansen, H., Gabriels, I., et al "Uses of genetically heterogeneous cognitive processes in ADHD". *Biomedical Research Centre for Mental Health Spring Seminar: Enhancing Translational Research in Mental Health through Genetics, London, UK; March 2009*

**Wood, A.C.**, Saudino, K., Rogers, H., Asherson, P., & Kuntsi, J., Genetic Influences on Mechanically-Assessed Activity Level in Children. "Shared Genetic Influences across Different Measurements of Children's Activity Level". *SRCD biennial Meeting, Boston, USA; March 2007*

**Wood, A.C.**, Saudino, K., Rogers, H., Asherson, P., & Kuntsi, J., "The Genetics of Mechanically Assessed Children's Activity Level". *XIV World Congress on Psychiatric Genetics, Cagliari, Sardinia; Oct 2006*

\*Pending; title provisional

## **GRANTSMANSHIP**

Nov 2011	American College of Sport Nutrition, Research Endowment Award unfunded
July 2011	National Institutes of Health K99/R00 (resubmission) Score: 28. Payline: 25; Withdrawn to accept faculty position at University of Texas.
Jan 2011	American Heart Association Postdoctoral Fellowship Score: 1.7. Payline: 1.4; unfunded
Oct 2010	National Institutes of Health K99/R00 Score: 37. Payline: 30; resubmitted

## **TEACHING AND MENTORING**

### **Lectures**

#### **Guest lecturer; Graduate course**

GBS721 Genetic Epidemiology

"GWAS: From soup to nuts"; March 2012

"Gene-environment interactions"; March 2012

### **Guest lecturer; Graduate course**

EPI 635 Genetics in Public Health

“Public Health Genomics: Promises and Pitfalls “; February 2012

### **Mentoring**

#### **Academic Advisor to a PhD student**

Student: Jihye Kim

Dissertation title: tbc

2012 - present

#### **Supervision of a final dissertation for a final year MSc Psychology student.**

Student: C. M. Cheung

Dissertation title: “The Genetic Relationship between ADHD, Reading Difficulties and IQ in a Sibling-Pair Sample Selected for ADHD Combined Subtype”

Grade: Merit; 2009-2010

#### **Supervision of a final dissertation for a final year MSc Psychology student.**

Student: R. Pinto.

Dissertation title: “Bigger families fare better: rater bias in parental ratings on ADHD symptoms”

Grade: Merit; 2008-2009

#### **Supervision of an undergraduate dissertation for a final year BSc Psychology student.**

Student: R. Whittemore

Dissertation title: “Attention Deficit Hyperactivity Disorder and oppositional behaviour: Examining rates of co-occurrence in clinical ADHD and control samples during middle childhood and adolescence”; 2006-2007

### **Class Teacher**

Waverley School. Enfield, London, UK; 2003-2005

### **Teaching**

#### **Scientific Director & Tutor**

Social, Genetic and Developmental Psychiatry 10th Summer School.

Twin model fitting stream; July 2009

#### **Tutor**

Social, Genetic and Developmental Psychiatry 8th Summer School.

Twin model fitting stream; July 2007

### **ACADEMIC SERVICE**

#### **Review activities**

Aug 2012	<b>FOTE Grant Reviewer</b> ; University of Texas Research Council
Nov 2011	<b>Abstract reviewer</b> , American Heart Association, EPI/NPAM division
Oct 2011	<b>Editorial Board</b> , <i>Psychological Medicine</i>
May 2011	<b>Review board member</b> , <i>Frontiers in Genetics</i>
April 2011	<b>Grant Reviewer</b> , Medical Research Council UK



July 2008- present      **Ad hoc Reviewer**, *Journal of Lipid Research, Journal of Abnormal Child Psychology, The Association for Child and Adolescent Mental Health, Progress in Neuro-Psychopharmacology & Biological Psychiatry, Journal of Child Psychology and Psychiatry and Allied Disciplines, Behaviour Genetics, Psychological Medicine, Obesity, PLoS Genetics; American Journal of Epidemiology; Medicine & Science in Sports & Exercise; Annals of Human Genetics, Computational Statistics; Journal of Clinical Lipidology, Nucleic Acids in Research; Atherosclerosis, Thrombosis and Vascular Biology; Circulation: Cardiovascular Genetics*

March 2008      **Named student reviewer**, *Journal of Child Psychology and Psychiatry and Allied Disciplines*

### **Other service**

June 2012      **Research Council Committee member**; University of Texas School of Public Health

Sept 2007      **PhD Student research group co-ordinator**

### **Outreach activities**

#### **Judge for 2012 Graduate Biomedical Sciences Competition**

This was a UAB-based graduate-level Science competition open to first year graduate Biomedical students.

#### **Judge for the 2010 Blazer Best competition.**

This was a state-level Science competition open to junior- and high-schools in Alabama for which I was the judge for the "Spirit and Sportsmanship" category in October 2010

#### **Participant – Science and You**

For this, I visited local London junior schools and gave talks to individual classes on what it was like to be a Scientist, and invited questions and answers. I subsequently participated in an open question and answer session for the parents, on being a scientist, held at my PhD research centre. This was in May 2008

#### **Member**

Sense About Science, UK (2005-present)

### **ADDITIONAL TRAINING**

July 2012      **NIH Summer NIH Summer Institute on Social and Behavioral Intervention Research.**  
Columbia University, New York City, USA

Dec 2010      **EPI610 Graduate course in Epidemiological Design and Methods**  
Grade: B

August 2011      **BY511 Graduate course in Molecular Genetics.**  
Grade: A

March 2010      **Family-based Genetic Analysis,**  
Rotterdam, The Netherlands

March 2009      **Multilevel modeling of longitudinal data.**  
Maryland, USA

Oct 2007      **Biotechnology YES 2007 Competition.**  
Oxford, UK.

Sept 2006      **4<sup>th</sup> Workshop on Methodology for Behavior Genetics & Genetic Epidemiology.**  
Egmond-aan-Zee, Netherlands

July 2005      **Social, Genetic and Developmental Psychiatry 6th Summer School.**  
London, UK.  
*Twin model fitting stream*

**OTHER INFORMATION**

Nationality: United Kingdom.

Current visa status: US permanent resident.