

## CURRICULUM VITAE Professor John Neville RUST

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### **Current Employment, University of Cambridge (since 2008)**

Director, Psychometrics Centre  
 Director of Research, Department of Psychology

### **Previous Appointments**

2005-2008 Director, the Psychometrics Centre, Cambridge Assessment  
 2002-2005 Professor of Psychometrics, City University, London  
 1991-2002 Reader in Psychology, Goldsmiths College, University of London  
 1976-1991 Senior Lecturer in Psychometrics, Institute of Education  
 1972-1976 Researcher and Lecturer, University of London Institute of Psychiatry

### **Qualifications**

1974 Ph.D. Psychology. Kings College, University of London.  
 1976 M.A. Philosophy. Birkbeck College, University of London.  
 1970 B.Sc. Psychology, Statistics and Computer Science (1<sup>st</sup>) University of London.

### **Research Grants**

2014-17 ESRC ORA Plus “International Cognitive Ability Resource”  
 2014-16 European Union FP7 ICT-Programme “Wikirate”. Development of an interactive website with information on companies’ ethical practices  
 2013-14 Camfed. Assessment of education programme, Zimbabwe and Tanzania  
 2009-14 Speechlink Multimedia. Calibration and evaluation of an online test of speech and language difficulties in primary school children.  
 2010-12 ESRC. Researcher Development Initiative in Test Equating and Differential Item Functioning  
 2008-11 GL Assessment.UK standardisation of the British Ability Scales (3<sup>rd</sup>).  
 2007-9 ESRC. Research Development Initiative in Psychometric Methodology  
 2007-8 ECPA, Paris. Anglicisation and UK standardisation of two French language psychometric tests, D5D and TD12.  
 2005-7 Pearson Assessment for the UK standardisation of the MABC, a test of motor impairment in children between the ages of 4 and 16 years  
 2006-8 Pearson Assessment. UK standardisation of the Ravens Progressive Matrices and the Wechsler Non-Verbal Test of Intelligence  
 2005-6 MHS. Anglicisation of Bar On Scales of Emotional Intelligence  
 2005-6 Pearson Assessment. UK standardisation of Bailey Scales of Infant Development (2<sup>nd</sup> Edition)

- 2003-5 Procter & Gamble. Development of the PFSF.
- 2003-5 Test Agency and Hogrefe Verlag. UK standardisations of NEO PI-R, BIP.
- 2004-5 Psychological Corporation. UK standardisation of the Clinical Evaluation of Language Fundamentals (4<sup>th</sup> Revision) (CELF-IV)
- 2003-4 Psychological Corporation. UK standardisation of the Wechsler Intelligence Scale for Children, 4th Revision (WISC-IV)
- 2003-4 Psychological Corporation. UK standardisation of the Wechsler Individual Achievement Test, 2<sup>nd</sup> Edition (WIAT-II)
- 2003 Procter & Gamble Pharmaceuticals. Development of psychometric instrument for use in clinical trials.
- 2003 Psychological Corporation. UK standardisation of the 3<sup>rd</sup> Edition of the Wechsler Pre-School and Primary Scale of Intelligence (WPPSI-III).
- 2003 Psychological Corporation. UK standardisation of WIAT-II to 4 & 5 yrs

### Honours and Distinctions

- 1978 F.S.S. Fellow of the Royal Statistical Society
- 1982 C. Psychol. Chartered Psychologist
- 1987 F.B.Ps.S Fellow of the British Psychological Society

### Publications

- Mahalingam, V., Stillwell, D., Kosinski, M., Rust, J. & Kogan, A. (2014) Who can wait for the future? A personality perspective. *Social Psychological and Personality Science*. 5(5), 573-583.
- Rust, J. (2012) Psychometrics. In *Research Methods in Psychology* (Eds: G. M. Breakwell, J. A. Smith & D. B. Wright), Sage, 141-162
- Rust, J. and Golombok, S. (2011) *Modern Psychometrics, Chinese Edition*. Ren Min University Press, Beijing, PRC
- Golombok, S., Rust, J., Zervoulis, K., Golding, J. And Hines, M. (2012) Continuity in sex-typed behaviour from preschool to adolescence: A longitudinal population study of boys and girls aged 3-13 years. *Archives of Sexual Behavior* 41(3), 591-597.
- Rust, J & Golombok, S. (2010) The Golombok Rust inventory of Marital State: a reflection. *Sexual and Marital Therapy*. 25(1) 54-56.
- Rust, J. & Golombok, S. (2009) *Modern Psychometrics* (3<sup>rd</sup> Edition). Routledge.
- Golombok, S., Rust, J., Zervoulis, K., Croudace, T., Golding, J. & Hines, M. (2008) Developmental trajectories of sex-typed behaviour in boys and girls: A longitudinal population study of children aged 2.5 to 8 years. *Child Development*.
- Rust, J. and Golombok, S. (2008) *The Manual of the Pre-School Activities Inventory (PSAI)* Pearson Assessment: London.
- Rust, J., Derogatis, L., Rodenberg, C, Koochaki, P., Schmitt, S. and Golombok, S. (2007) Development and validation of a new screening tool for hypoactive sexual desire disorder: The Brief Profile of Female Sexual Function (B-PSFS). *Gynecological Endocrinology*, 23(11), 638-644.

- Freeman, T., Golombok, S., Olivennes, F., Ramogida, C. & Rust, J. (2007) Psychological assessment of mothers and their assisted reproduction triplets at age 3 years. Reproductive Medicine Online.
- Rust, J. (2007) The Advanced Numerical Reasoning Appraisal (ANRA). Harcourt Assessment, San Antonio, Texas.
- Rust, J. (2007) Aptitudes ai raisonnement numerique: RANRA Manuel. Les Editions du Centre de psychologie Appliquee (ecpa), Paris.
- Golombok, S. and Rust, J. (2007) The Manual of the Golombok Rust Inventory of Sexual Satisfaction (GRISS). Pearson Assessment: London.
- Golombok, S. and Rust, J. (2007) The Manual of the Golombok Rust Inventory of Marital State (GRIMS). Pearson Assessment: London.
- Raiford, S. E., Weiss, L. G., Rolffhus, E., Coalson, D. and Rust, J. (2006) The Weschler General Ability Index (UK). Harcourt Assessment, San Antonio.
- Wiig, E., Secord, W., Semel, E., Rust, J., Golombok, S. & Lycett, E. (2006) The Manual of the Clinical Evaluation of Language Fundamentals – forth UK Edition (CELF-IV<sup>UK</sup>) Harcourt Assessment: London.
- Wiig, E., Secord, W., Semel, E., Rust, J., Golombok, S. & Lycett, E. (2006) The Manual of the Clinical Evaluation of Language Fundamentals – Preschool Version, 2<sup>nd</sup> UK Edition (CELF-Preschool-II<sup>UK</sup>) Harcourt Assessment: London.
- Costa, P & McCrae, R., Rust, J. & Lord, W. (2006) Revised NEO Personality Inventory (NEO PI-R), Manual (UK Edition): Hogrefe UK: Oxford.
- Golombok, S., Murray, C., Jadva, V., Lycett, E., MacCallum, F. and Rust, J. (2006) Non-genetic and non-gestational parenthood: Consequences for parent-child relationships and the psychological well being of mothers, fathers and children at age 3. Human Reproduction. 21, 5
- Wechsler, D., Rust, J. & Golombok, S. (2005) The Manual of the Wechsler Individual Achievement Test (2<sup>nd</sup> UK Edition) (WIAT-II<sup>UK</sup>). Harcourt Assessment: London
- Iervolino, A., Hines, M., Golombok, S., Rust, J. & Plomin, R (2005) Genetic and environmental influences on sex-typed behaviour in pre-school children: A study of 2,426 same-sex twin pairs at 3 and 4 years of age. Child Development, 76(4), 826-840.
- Olivennes, F., Golombok, S., Ramogida, C., Rust, J & the Follow Up Team (2005) Behavioural and cognitive development and family functioning of twins conceived by assisted reproduction. Fertility and Sterility, 84, 3, 725-733
- Wechsler, D, Rust, J. & Golombok, S. (2004) The Manual of the Wechsler Intelligence Scale for Children, 4<sup>th</sup> Revision (United Kingdom Edition, WISC-IV<sup>UK</sup>). London: Harcourt Assessment.
- Rust, J. (2004) Psychometric Testing In R.L. Gregory (Ed) Oxford Companion to the Mind (2<sup>nd</sup> Edition), Oxford: Oxford University Press.
- Golombok, S., Lycett, E., MacCallam, F., Jadva, V., Murray, C., Rust, J., Abdalla, H., Jenkins, J. & Margara, R. (2004) Parenting children conceived by gamete donation. Journal of Family Psychology, 18(3), 443-452.
- McHorney, C. A., Rust, J., Golombok, S., Davis, S., Bouchard, C., Brown, C., Basson, R., Sarti, C. D., Kuznicki, J., Rodenberg, C. & Derogatis, L. (2004) The Profile of Female Sexual Function (PFSF): A Patient-Based, International, Psychometric

- Instrument for the Assessment of Hypoactive Sexual Desire in Oophorectomized Women. Menopause, 11(4), 474-483.
- Wechsler, D., Rust, J. & Golombok, S. (2004) The Manual of the Wechsler Preschool and Primary Scale of Intelligence (United Kingdom Edition, WPPSI-III<sup>UK</sup>). London: Harcourt Assessment.
- Derogatis, L, Rust, J., Golombok, S., Bouchard, C., Nachtigal, L. Rodenberg, C., Kuzniki, J. & McHorney, C. (2004) Validation of the Profile of Female Sexual Function (PFSF) in surgically and naturally menopausal women. Journal of Sex and Marital Therapy. 20(1), 25-36.
- Hines, M., Golombok, S., Rust, J., Johnston, K and Golding, J. (2002) Testosterone during pregnancy and gender role behaviour in pre-school children: a longitudinal population study. Child Development. 73(6), 342-357
- Hines, M., Johnston, K., Golombok, S., Rust, J., Stevens, M., Golding, J. and the ALSPAC study team. (2002) Prenatal stress and gender role behavior in girls and boys: A longitudinal, population study. Hormones and Behavior. 42, 126-134
- Rust, J. Manual of the Rust Advanced Numerical Reasoning Appraisal (RANRA) (2002). The Psychological Corporation, London & San Antonio
- Watson, G, Glaser, E.M. & Rust, J. (2002) Manual of the Watson-Glaser Critical Thinking Appraisal (UK Edition). The Psychological Corporation, London & San Antonio
- Golombok, S., Braeways, A., Giavazzi, M. T., Guerra, D, MacCallum, F. & Rust, J. (2002) The European Study of Assisted Reproduction Families: The Transition to Adolescence. Human Reproduction, 17 (3) 830-840.
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- Rust, J., Golombok, S., Hines, M., Johnston, K., Golding, J. and the ALSPAC study team (2000) The role of brothers and sisters in the gender development of preschool children. Journal of Experimental Child Psychology, 77(4), 292-303.
- Rust, J. & Golombok, S. (1999) Modern Psychometrics: The science of psychological assessment (2nd edition). Routledge: London and NY.
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- Rust, J. (1999) The validity of the Giotto integrity test. Personality and Individual Differences, 27, 755-768.
- Rust, J. (1998) Psychometric test development using artificial intelligence: The case of Giotto. Proceedings of the 1998 Occupational Psychology Conference, 178-182.
- Rust, J and Golombok, S. (1998) The GRISS: A psychometric scale and profile of sexual dysfunction. In C. M. Davis, W. L. Yarber, R. Bauserman, G. Schreer and S. L. Davis (Eds) Handbook of Sexually-Related Measures, Sage: Thousand Oaks CA, pp192-194.
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- Rust, J. (1996) The Manual of the Wechsler Objective Numerical Dimensions (WOND), The Psychological Corporation, London.
- Rust, J. (1996) The Manual of the Wechsler Objective Language Dimensions (WOLD), The Psychological Corporation, London.
- Rust, J. (1996) The Manual of the Wechsler Quick Test. The Psychological Corporation, London.
- Rust, J. (1996) The Manual of the Wechsler Individual Achievement Test, UK Edition (WIAT-UK). The Psychological Corporation, London.
- Rust, J. (1996) Orpheus Manual, The Psychological Corporation, London. (Orpheus is also published in Dutch and French, and versions are available in Arabic and Chinese)
- Rust, J. (1995) Review of the ACER Test of Reasoning Ability. Mental Measurement Yearbook, 12th Edition, Buros Institute, University of Nebraska Press; Lincoln NE.
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- Rust, J., Golombok, S. and Trickey, G. (1993) Manual of the Wechsler Objective Reading Dimensions. The Psychological Corporation: London
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- Rust, J. (1992) Editorial: Philosophical psychology in the 1990s. Philosophical Psychology, 5(1), 3-6.
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- Rust, J., Bennun, I. Crowe, M. and Golombok, S. (1990) The GRIMS: A psychometric instrument for the assessment of marital discord. Journal of Family Therapy, 12, 45-57.
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- Leste, A. and Rust, J. (1990) Effects of dance on anxiety. American Journal of Dance Therapy, 12(1), 19-26.
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- Rust, J. (1989) The Handbook of the Rust Inventory of Schizotypal Cognitions (RISC). London: The Psychological Corporation Ltd.
- Rust, J. (1989) The Handbook of the Rust Inventory of Schizotypal Cognitions (RISC), Spanish Edition. The Psychological Corporation: San Antonio.
- Rust, J. and Golombok, S. (1989) Modern Psychometrics Routledge and Kegan Paul: London (reprinted 1994)
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- Rust, J. and Goldstein J. H. (1989) Humour in marital adjustment. Humor: International Journal of Humor Research, 2(3), 217-223.
- Golombok, S., Sketchley, J. and Rust, J. (1989) Condom failure among homosexual men. Journal of Acquired Immune Deficiency Syndromes, 2(4), 404-409.
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- Rust, G. & Golombok, S. (1989) The Golombok Rust Inventory of Sexual Satisfaction (GRISS), In J. Touliatos, Perlmutter, B. F. and Straus, M. A. (Eds.) Handbook of family measurement techniques, Newbury Park, CA: Sage Publications Inc.
- Rust, J., Bennun, I. Crowe, M. and Golombok, S. (1989) The Golombok Rust Inventory of Marital State (GRIMS). In J. Touliatos, Perlmutter, B. F. and Straus, M. A. (Eds.) Handbook of Family Measurement Techniques, Newbury Park, CA: Sage Publications Inc.
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- Rust, J., Golombok, S. and Collier, J. (1988) Marital problems and sexual dysfunction: How are they related? British Journal of Psychiatry, 152, 629-631.
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- Rust, J., Bennun, I., Crowe, M. and Golombok, S. (1988) The GRIMS: A psychometric instrument for the assessment of marital discord. In Sexuality Related Measures: A Compendium. Eds. C. M. Davis, W. L. Yarber and S. L. Davis. Graphic Publishing: Lake Mills, Iowa, pp. 223- 225.
- Rust, J., Moncada, A. and Lepage, B. (1988) Personality dimensions through the schizophrenia borderline. British Journal of Medical Psychology, 61, 163-166.
- Golombok, S. and Rust, J. (1988) Diagnosis of sexual dysfunction: Relationships between DSM-III(R) and the GRISS. Sexual and Marital Therapy, 3(1), 119-124.
- Rust, J. and Chiu, H. (1988) Schizotypal estimators in adolescence: The concurrent validation of the RISC. Social Behaviour and Personality, 16(1), 25-31.
- Rust, J. (1988) The Rust Inventory of Schizotypal Cognitions (RISC), Schizophrenia Bulletin, 14(2), 317-322.
- Rust, J. (1988) Implications of connectionism for psychophysiology. Journal of Psychophysiology, 2(2), 87-89.
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- Rust, J. (1987) Is psychology a cognitive science?, Journal of Applied Philosophy, 4(1), 49-55.
- Rust, J. (1987) The Rust Inventory of Schizoid Cognitions (RISC): A psychometric measure of psychoticism in the normal population. British Journal of Clinical Psychology, 26(2), 151-152.
- Rust, J., Golombok, S and Pickard, C. (1987) Marital problems in general practice, Sexual and Marital Therapy, 2(2), 127-130.
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- Rust, J. and Golombok, S. (1986) The GRISS: A psychometric instrument for the assessment of sexual dysfunction. Archives of Sexual Behavior, 15(2), 153-161.
- Rust, J. and Golombok, S. (1986) The Golombok Rust Inventory of Sexual Satisfaction (Male), Psychological Assessment Resources: Odessa, FL.
- Rust, J. and Golombok, S. (1986) The Golombok Rust Inventory of Sexual Satisfaction (Female), Psychological Assessment Resources: Odessa, FL.
- Rust, J., Bennun, I., Crowe, M. and Golombok, S. (1986) The construction and validation of the Golombok Rust Inventory of Marital State, Sexual and Marital Therapy, 1(1), 34-40.
- Golombok, S. and Rust, J. (1986) The Warnock Report and Single Women: What about the Children?. Journal of Medical Ethics, 12(4), 182- 186.
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