

Curriculum Vitae

Dr. Evian Gordon



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PERSONAL DETAILS

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SUMMARY CV

Evian Gordon, M.D., Ph.D.

Dr. Evian Gordon is the Executive Chairman of Brain Resource. He established an **"Integrative Neuroscience"** approach, grounded in the use of standardized methods across multiple types of brain data in a single platform, with over a million datasets. He founded the *Brain Resource Company* that created the **first standardised international database on the human brain** (over 300 publications). The database is the asset which shaped *TotalBrain.com* for brain health and peak performance, used in Wellness Programs in over 30 Fortune 500 Companies, in over 600,000 employees (including Boeing, AARP, Cerner). The first genetics Test using this methodology (in 1700 patients) for treatment prediction in Depression, is currently being completed for potential use in clinical practice.

He has published over 300 scientific papers and three books:
Integrative Neuroscience; The Brain Revolution; Integrative Neuroscience and Personalized Medicine.

Dr. Gordon is based in San Francisco.

CURRENT POSITIONS

- **Executive Chairman**, Brain Resource Limited (BR) and Total Brain.
- **Principal Investigator** of largest International Study To Predict Treatment Response in Depression and ADHD. The first genetic "Test" from this study is being completed. It would be the first objective Brain Test to predict treatment response in Psychiatry.
- **Scientific Chairman and Founding Director** Brain Dynamics Centre (BDC) Westmead Hospital. Over 450 scientific publications have been published from this Centre.

Dr Gordon established the **first standardized International Database on the Human Brain**. Currently over 250 scientists are linked to the BR international consortium via the independently

governed network, BRAINnet (www.brainnet.net). Over 80 labs, across 13 countries, use BR methodology. Over 300 scientific publications have emerged from the international database.

TERTIARY QUALIFICATIONS

The University of the Witwatersrand
1982 PhD
1979 MBCH
1976 BSc Hons (First class pass)
1975 BSc

ACADEMIC POSITIONS

2002- Adjunct Associate Professor, Sydney Medical School - Western, University of Sydney.

1988-2003 Senior Lecturer (tenured full time), Department of Psychological Medicine, University of Sydney

Teaching and administrative roles included:

- a) Postgraduate Coordinator
- b) Department representative on the Faculty Postgraduate Research Committee
- c) Coordinator of annual research report
- d) Convenor of Neuroscience Research Stream
- e) Convenor of new PhD programme in neuroscience
- f) Lecturing roles – including lectures to medical students (at Westmead Hospital) on cognitive neuropsychiatry, and to psychiatry registrars on models of the brain and their application to clinical disorders (10 lectures per year)

1982-2002 Founding Director, Brain Dynamics Centre, Westmead Hospital

FACILITATORY RESEARCH POSITIONS

2006- Member of the Society for Neuroscience

2006- Member of the International Pharmacology-EEG Society

2005- Associate Editor International Journal of Integrative Neuroscience

2005- Member of the World Federation of Societies of Biological Psychiatry

2002- Member of the Organization for Human Brain Mapping

2001- Member of the Brain Research and Integrative Neuroscience Network

- 1998-1999 Convenor of The Central Brain Computational Facility (multi-department facility situated in the Department of Nuclear Medicine at Westmead Hospital)
- 1998-1999 University representative and Head of Neuroimaging panel on NSW Neuroscience Institute for Schizophrenia and Allied Disorders

AWARDS

- 2015 Boeing – Corporate Supplier Performance Award
- 2015 Invisible Disabilities Association’s Innovation Award
- 2003 Royal Societies of Australia Eureka Prize for Interdisciplinary Scientific Research
- 1995 Rotary Clubs of Australia Mental Health Research Award
- 1983 Andries Blignault Memorial Medal

PATENT APPLICATIONS

Patent application number	Description	Published
20150366501	<p>WHITE MATTER DIFFUSION TENSOR IMAGING TEST TO PREDICT TREATMENT OUTCOMES IN MEDICAL TREATMENT - The present invention relates to the field of biomarkers and in particular to their utilisation in treatment. Embodiments of the invention have been particularly developed as biomarkers enabling optimisation of treatment regimes and as uses of the biomarkers in tests for the prediction of optimised treatments and treatment outcomes in the treatment of Major Depressive Disorder (MDD).</p>	12-24-2015
20150190083	<p>Biomarkers For Treatment Outcomes - The utilization of biomarkers, which include objectively measurable and assessable indicators of a biological process or biological state, in treatments is disclosed. Particularly, biomarkers enabling optimisation of treatment regimes and the use of the biomarkers in tests for the prediction of optimised treatments and treatment outcomes in the treatment of Major Depressive Disorder (MDD) are disclosed. Measurable and assessable cognitive and/or genomic parameters can be biomarkers indicating changes in system severity of MDD.</p>	07-09-2015

20140187996	Electrodermal Measurement System And Method - A method of determining the conductance of the skin of a human or animal, the method including the step of: (a) eliminating any equivalent parasitic voltages in the skin by taking multiple different measurements of the conductance utilizing different probe voltage levels, (b) calculating the conductance from the sampled results of the multiple different measurements.	07-03-2014
20140121547	Pulse Sensor Measurement System And Method - A sensor device for transcutaneous monitoring a blood flow within a human or animal, the sensor device including: a microphone for picking up pneumo-acoustic changes; and a diaphragm interposed between the microphone and the surface of a user when in use, forming a sealed cavity between the microphone and diaphragm surface.	05-01-2014
20110046978	DATABASE DRIVEN RULE BASED HEALTHCARE - A method is disclosed for rule based healthcare for use in the treatment of a patient. The method includes (a) providing a storage means for storing data indicative of a plurality of decision states, (b) presenting at least one query associated with a decision state, (c) receiving a corresponding at least one response to said at least one query, (d) comparing said response to a plurality of predefined responses ranges for selecting a new query associated with a new decision state, (e) transitioning to the new decision state, and (f) repeating steps (b) through (e) until a terminating decision state is reached.	02-24-2011
20090203607	Method And Compositions For Simultaneously Regulating Memory And Mood - The present invention is concerned with methods and compositions for simultaneously treating or modulating memory and mood within the same individual.	08-13-2009

INVITED LECTURES AND CONFERENCES

Upcoming Lectures and Conferences

- 2016 Mexico Society for Bio and NeuroFeedback, Two lectures: 1) Brain-based Mindfulness and Biofeedback, 2) Biomarker-based Prediction to Treatment in Depression, Anxiety and ADHD, Mexico City, Mexico, November 22-25
- 2016 Western Association for Biofeedback and Neuroscience, Keynote Speaker, San Francisco, CA, November 4-6

2016 EO NERVE, Boston, MA, September 28 – October 2016

2016 EO Thrive, Chicago, IL, September 19-21

Past

2016 West Coast Symposium on Addictive Disorders (WCSAD), Presentation: Digital Brain Health Advancements to Assess and Enhance Outcomes in Recovery, La Quinta, CA, June 2-5

2016 Experiential Technology & NeuroGaming Conference and Expo (X Tech), Panel Discussion: Meditative Minds for Expanding Human Potential, May 17-18

2016 Innovations in Recovery, Presentation: Know and Train Self-Regulation to Aid Recovery: Proof Points, San Diego, CA, April 4-7

2015 Brain Futures Conference, Panel Discussion: Personalized Medicine: Neuroimaging, Genetics and Other Measures for Screening, Diagnosis and Improved Treatment Selection, Annapolis, MV, November 4-5

2015 EO Conference, Talk: The Brain and Leadership, Arlington, VA, November 3

2015 Brain IDEAS Symposium, Talk: Why is it Impactful to Know and Train Your Brain, Denver, CO, October 23

2015 CCA - Analytics & Open Data (MBA Program), Talk: The Brain and Big Data, San Francisco, CA, October 16

2015 Moments of Change, Presentation: Digital Brain Health Advancements to Assess and Enhance Outcomes in Recovery, Palm Beach, FL, September 28- October 1

2015 Burning Man, Presentation at Red Lightning Camp: Brain, Black Rock City, NV, September 1-6

2015 NCAD, St. Louis, MO, August 1-4

2015 Innovations in Behavioral Health, Presentation: Digital Brain Health Advancements to Assess and Enhance Outcomes in Recovery, Nashville, TN, June 22-23

2015 Quantified Self Conference, Talk: Tracking the Brain and Body, June 18-20

2015 NeuroGamng Conference, Panel Discussion: Think 2.0: Cognitive Gaming and Pervasive Neurotechnologies, San Francisco, CA, May 6-7

2015 Burning Man Global Leadership Conference, Brain Boss Talk – Training Your Brain for Productivity, Resilience, and Serenity, San Francisco, CA, April 11

- 2015 Innovations in Recovery, Presentation: Digital Brain Health Advancements to Assess and Enhance Outcomes in Recovery, San Diego, CA, March 29- April 2
- 2014 MyBrainSolutions Leadership Certification Workshop, December 5
- 2014 AGM Meeting, Nov 26
- 2014 Sharp Brains Virtual Summit, Oct 28-30
- 2014 Care Plus, London, UK, October 16
- 2014 MyBrainSolutions Leadership Certification Workshop, October 6
- 2014 Brain Club, Presentation: Why Is It Impactful to Know and Train Your Brain?, September 26
- 2014 Brain Club, Presentation: Peak Performance, August 29.
- 2014 Welltok Summit, Summer.
- 2014 BSKyB, Foxtail Business: Switzer Daily Program: Interview with Dr. Evian Gordon, about Brain Resource and MyBrainSolutions.
- 2014 O'Reilly/MIT Media Conference, San Francisco, May 20-21
- 2014 American Psychiatric Association, New York, May 2
- 2014 Neurotech Conference, Boston, April 23-24
- 2014 ASAM, April 11-13
- 2014 Cavendish, London UK, March 10-13
- 2014 Partner Showcase, Steamboat, CO, March 6
- 2014 Brain Club, Presentation: Love, Sex, Relationships, and the Brain, February 28.
- 2014 Mental Health Association of Maryland, Feb 26
- 2014 Wisdom 2.0, February 14-16
- 2014 Chaired Session on Brain Based Personalized Medicine at the Personalized Medicine World Conference , Silicon Valley, CA, January 27
- 2009-2013 Over 30 presentations and lectures.

- 2008 Plenary address: Integrative Neuroscience. US Society for Psychosomatic Medicine meeting, Baltimore USA, March 12-15
- 2006 The First Personalized Medicine Coalition Symposium on the Human Brain MIT Boston August 17
- 2006 Keynote Address: "The Role of Integrative Neuroscience in Education" AAIBS Conference Gold Coast Australia July 1-3
- 2006 Westpac Data Modeling Team Sydney Australia April 20
- 2005 The Semel Institute UCLA Los Angeles USA December 2
- 2005 BIRN (Biomedical Informatics Research Network) at the University of California Irvine USA December 1
- 2005 Harvard University Charlestown MA USA November 29
- 2005 Aspect Medical Systems Boston USA November 28
- 2005 Montefiore Hospital New York USA November 22
- 2005 Pfizer New York USA November 21
- 2005 AstraZeneca Wilmington Delaware USA November 18
- 2005 Janet Woodcock and Executives at the FDA Rockville Maryland USA November 17
- 2005 Department Heads at NIMH Bethesda MD USA November 17
- 2005 Mt Sinai Hospital: "FREEDOM Project" New York USA November 16
- 2005 Johnson & Johnson Pharmaceutical Research and Development Turnhoutseweg Belgium November 10
- 2005 GSK Advisory Meeting Windsor UK November 7-8
- 2005 'Communicating about the brain.' Head Office, Sydney, Australia, May 6
- 2005 Australian Psychological Society Sydney Australia April 14
- 2004 FOX Studios Los Angeles USA December 10
- 2004 BrainMap Seminar Series "Integrative Neuroscience: Why Now?" Massachusetts Institute of Technology/Massachusetts General Hospital Boston USA November 18
- 2004 "Integrative Neuroscience in Pharmaceutical Trials" International Pharmaco-EEG Meeting Antwerp Belgium September 10-12

- 2004 Invitation to speak to scientists at the Lilly Research Laboratories Corporate Center Indianapolis USA August 16
- 2004 Australian Life Underwriters and Claims Association Conference, Cairns, Australia August 7-11
- 2004 Keynote Address: "Listening to the Mind Listening: The Ultimate Symphony - The Human Brain" Sydney Opera House, Sydney, Australia July 8
- 2004 "Integrative Biomarkers and International Databases" 10th Annual Meeting of the Organization for Human Brain Mapping, Budapest, Hungary June 13-17
- 2004 "Integrative Neuroscience in Pharmaceutical Trials" ARCS Australia Annual Scientific Congress, Sydney, Australia June 7-9
- 2004 "Integrative Neuroscience in Psychiatry – The role of a Standardized Database" The Agora for Biosystems (under the auspices of Royal Swedish Academy of Sciences) Kusadasi Izmir, Turkey May 24-29
- 2004 "The New Emerging Sector in Brain Function Services" Australian Consulate Advance Group, New York, USA April 21
- 2004 "Integrative Neuroscience and its Application to Pharmaceutical Trials" Nathan Kline Institute, Orangeburg, New York, USA April 19
- 2004 "Integrative Neuroscience: Advantages and Limitations of a Standardized International Database" NIMH, Bethesda, MD, USA April 16
- 2003 "Linkages and Leverages – The Power of Research Partnership" Research Australia Forum, Sydney, Australia November 17
- 2003 Eli Lilly head office, Indianapolis, Indiana, USA October
- 2003 ADHD Global Medical Conference, Indianapolis, Indiana, USA October 13
- 2003 Plenary Address: "The Brain Science - Brain Art Continuum" Brain and Mind Conference National Gallery of Victoria, Melbourne, Australia August 14
- 2003 "Mind as an Extension of Brain" Brain and Mind Conference, Melbourne, Australia August 14
- 2002 'Genes Neurons & Mental Illness' National Symposium Institute for Biomedical Research University of Sydney, Sydney, Australia June 21
- 2003 Address to Boston Bio-Relationships meeting (*an* Australia - New Zealand - USA Biopharmaceutical Meeting) Cambridge, MA, USA June 19

- 2003 "Integrative Neuroscience" Human Brain Project at NIMH, Washington, USA May 8
- 2002 'Integrative Neuroscience: Bringing Together Biological Psychological and Clinical Models of the Human Brain". 'Genes Neurons & Mental Illness' National Symposium University of Sydney, Australia June 21
- 2002 Centers for Behavioral and Preventive Medicine, Rhode Island, USA April 29
- 2002 Keynote speaker Neuroscience Informatics conference, Melbourne, Australia February 9
- 2002 Keynote speaker "Integrative Neuroscience in Psychiatry". The Agora Workshop Abisko Sweden (under auspices of Royal Swedish Academy of Sciences) January 16-20
- 2001 Invited participant NIMH 'Integrative Neurobiology' workshop June 18-25
- 2001 "Integrative Neuroscience of ADHD". ADHD Conference, Sydney, Australia September 21
- 2000 Opening plenary address 10th International Congress on Psychophysiology, Sydney, Australia December 2-4
- 2000 Keynote speaker Inaugural 'Matter to Mind' conference Institute of Psychiatry and Maudsley Hospital, London, UK September 28-30

EDITORIAL BOARDS AND CONFERENCE ORGANIZATION

Member of Editorial Board

Journal of Integrative Neuroscience

Conference Organization

- 1994 Convenor of Pan Pacific Conference on Brain Topography (Sydney)
- 1988 Convenor of First Australian Conference on Brain Imaging (Sydney)
- 1987 Convenor of Australian Society for Psychiatric Research Conference (Sydney)

COMPETITIVE RESEARCH GRANTS SUCCESSFULLY FUNDED (1995 - 2014)

ARC Linkage Discovery grant (2008-11). Gene-brain pathways in emotional brain stability & instability. (BR as industry partner)	\$2.5m
NHMRC Program Grant (2004-2008). Integration of clinical, cognitive and biological research into stress disorder (with Bryant, Silove and McFarlane).	\$670,000

ARC Linkage Grant (2004-2007). Development of Integrative Markers of Brain Function (with Williams, Schofield, Paul, Breakspear and Dobson-Stone, BR as an Industry Partner).	\$4.7m
UNSW Gold Star Award for ARC Discovery Grant (2006) – Identification of synaptically expressed genetic variants that contribute to brain function (with Schofield).	\$630,000
ARC Linkage Grant (2005) A hands-free assistive control system for the severely disabled capable of operating under stressful and fatiguing conditions (with Craig, Tran and Mclssac)	\$40,000
ARC Discovery Grant (2004-2008). Towards a continuum model of orienting and defensive responses (with Williams and Brammer).	\$492,000
ARC Linkage Grant (2003-2007). "Evidence-based" evaluation of treatment in ADHD (with Clark, Clarke, Crewther and Kohn)	\$565,000
NHMRC (2003-05). Neurobiological aspects of sleep apnea and sleepiness (with Grunstein, Rae and Robinson).	\$225,000
ARC Network Seed Funds (2003). BRAINnet (Brain Resource and Integrative Neuroscience Network) (with 29 network CI's).	\$107,600
Westmead Millennium Foundation Seed Funding Grant (2003) "How the brain puts the pieces together": An integrative neuroscience study of brain connectivity in health and neuropsychiatric disorders of adolescence (with Williams, Robinson, Peduto, Bryant and Brammer).	\$10,000
ARC Linkage Grant (2003-2004). Modelling and analysis of EEG signals (with Robinson) + industry contribution	\$30,000
ARC-industry linkage (2002-4). 'Identifying Malingered Posttraumatic Stress Disorder: Biological Markers for Legal Assessment' (with Brain Resource Company, Castlereagh Radiology, Bryant, Brammer and Peduto).	\$182,000
Westmead Millennium Institute Seeding Grant (2002). Collaborative Research Proposal: 'How the brain puts the pieces together' (with Williams, Robinson, Bryant, Brammer and Peduto).	\$447,000
Wellcome Trust (1999-2001). Threat Perception in Paranoia: An fMRI study. (with Williams and Brammer).	\$30,000
SESQUI (2001). A brain imaging study: An integrated fMRI-Arousal Study of Treatment in Schizophrenia. (with Williams and Harris)	\$45,000
GRID (Government and Industrial Research) Grant (1986) with CSIRO Division of Applied Physics to develop magnetoencephalography.	\$25,000
Janssen-Cilag Clinical Research Scheme. (2000). The Effect of Risperdal on Emotional Well-being and Clinical Outcome in Schizophrenia (with Harris and Williams).	\$300,000
Gordon E (2000). Gamma synchrony and Schizophrenia. Rebecca Cooper Medical Research Foundation.	\$62,000
IBM (1990-2000). Computer hardware for integrative psychophysiological analysis.	\$15,000
ARC (1999-2000). Why do Schizophrenics perceive a threat instead of a	\$30,000

smile? A brain imaging study (with Williams).	
Westmead Hospital Millennium Foundation: ADHD Research.	\$12,000
Rebecca Cooper Medical Research Foundation (1999). Why do Schizophrenics perceive a threat instead of a smile? A brain imaging study (with Williams).	\$20,000
Rebecca Cooper Medical Research Foundation (1998). 'Why do Schizophrenics perceive a threat instead of a smile? A preliminary brain imaging study (with Williams).	\$13,650
ARC (1998). Grant for above project (with Williams).	\$14,000
ARC (1997). Emotion perception in Schizophrenia and Schizotypy (with Williams).	\$7,500
Vice Chancellor's Scheme (1997). For above project (with Williams).	\$4,500
Research and Development Commonwealth Funding (1996-98) with Mental Health Research Institute of Victoria – Brain Function Database at Westmead Hospital.	\$7,000
ARC (1996). Emotion perception in Schizophrenia and Schizotypy (with Williams).	\$240,000
NHMRC (1994-6). Eye movements and cognition in Schizophrenia.	\$8,000
Schizophrenia Fellowship of NSW (1995). Perception of Emotional Expressions in Schizophrenia and Schizophrenia-proneness (with Williams and Harris).	\$134,000
	\$3,450

BR PHARMACEUTICAL AND BIOTECHNOLOGY TRIALS (2001 – 2011)

Funding for BR clinical and pharmaceutical trials totalling in excess of \$22 million

2008-11	iSPOT-Depression and iSPOT-ADHD trials (\$18million)
2007	Aspect
2006	Merck
2005-7	AstraZeneca
2005 and 2006	Johnson & Johnson
2005 and 2006	GlaxoSmithKline
2005	Aspect Medical Systems
2005	BMS
2004	Janssen Cilag Australia
2003	Eli Lilly
2003	Biogen
2003	UCB Pharma

PUBLICATIONS

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Book

1. **Gordon E** (2016). *The Brain Revolution: Know and Train New Brain Habits* (Brain Revolution Publications through Dog Ear Publishing).
2. **Gordon E** and Koslow SH (2010). *Integrative Neuroscience and Personalized Medicine* (Oxford University Press).
3. **Gordon E** (Ed) (2000). *Integrative Neuroscience: Bringing together biological psychological and clinical models of the human brain* (Harwood Academic Press: London).

Book Chapters

1. **Gordon E** and Williams LM (2010). Personalized Medicine and Integrative Neuroscience: Toward Consensus Markers for Disorders of Brain Health In Koslow SH, **Gordon E** (eds), *Integrative Neuroscience and Personalized Medicine* Oxford University Press.
2. **Gordon E** (1997). Imaging the brain in psychiatry. In: *psychological medicine: a companion to management of mental disorders*. Chapter 5 (Ed.) Beumont P Andrews G Boyce P Carr V World Health Organization Collaborating Center for Mental Health and Substance Abuse.
3. **Gordon E** and Williams LM (2010). Personalized Medicine and Integrative Neuroscience: Toward Consensus Markers for Disorders of Brain Health In Koslow SH, **Gordon E** (eds), *Integrative Neuroscience and Personalized Medicine* Oxford University Press
4. Haig AR & **Gordon E** (1996). Beyond averaging: analysis of single-trial ERPs in Schizophrenia. In: Ogura C Koga Y and Shimokochi M. (Eds) *Recent advances in event-related brain potential research*. Elsevier Amsterdam.
5. **Gordon E**, Fawdry R, Collins L, Yiannikas C & Silberstein R (1995). Brain imaging technologies in Australia. In: *decade of the brain - brain research in Australia*. Chapter X (Ed.) G Singer La Tribe University Press.
6. **Gordon E**, Rennie C, Rogers G, Gill R & Rees D (1995). Towards an integrated approach to modeling human brain function. In: *decade of the brain - brain research in Australia*. Chapter XI (Ed.) G Singer La Tribe University Press.
7. **Gordon E** (1994). Brain imaging measures of cognition: an emerging multidisciplinary field. In: Touyz S Byrne D and Gilandas A (Eds.). *Neuropsychology in Clinical Practice*. Chapter IV: Academic Press London.
8. **Gordon E** (1993). Imaging brain dysfunction: the potential merging of neuropsychology and neuroimaging. (Eds). Touyz S Byrne D & Galandos A: *The Psychological Corporation USA*.
9. **Gordon E** & Copolov D (1991). Brain imaging in psychiatry. *Mental health and illness Part 4*. (Eds.) R Kosky HS Eshkevari and V Carr. Butterworth-Heinemann.
10. Anderson J, Rennie C, **Gordon E** & Meares R (1990). The quantification of variability of ERPs and its application to Schizophrenia. In: *Imaging of the Brain in Psychiatry and Related Fields*. Konrad Maurer (Ed.) Springer-Verlag.
11. Copolov D & **Gordon E** (1990). The current and potential relevance of neuroimaging for psychiatry 2:789-796. In: Stefanis C (Ed.) *Psychiatry: a world perspective* Elsevier Publishers.
12. **Gordon E** (1990). Computer aided technologies for imaging brain function. In: *from apes to angels: essays in anthropology*. (Ed) GH Sperber. Wiley - Liss Inc. New York.
13. Lim CL, Rennie C, Yiannikis C, **Gordon E**, Sloggett G, Grogard R & Seager A (1990). Short latency median nerve somatosensory evoked magnetic fields and electric potentials. In Williamson SJ (Eds.) *Advances in Biomagnetism* Plenum Press.
14. **Gordon E** & Kraiuhin C (1989). Computer-aided technologies used to study the brain. *Textbook of Psychiatry Part 7*. Blackwell Scientific Publication.

15. Lim CL Rennie C Yiannikas C **Gordon E** Grogard R & Seagar A (1989). Short latency median nerve somatosensory evoked magnetic fields and electric potentials. In: Williamson SJ et al. (Eds). *Advances in Biomagnetism*. Plenum Press.
16. James L, **Gordon E** & Meares R (1987). Cerebral actions of smoking: effects on "sensory input" regulation. *International Symposium on Nicotine*. Rand MJ & Thuram K (Eds). *International Journal of Scientific Unions*.
17. James L, **Gordon E** & Meares R (1987). Smoking and augmenting reducing in auditory and visual event-related potentials. *Advances in Behavioural Medicine*.
18. James L, Singer A, Zurynski Y, **Gordon E**, Krauhin C, Howson A & Meares R (1987). Attentional dysfunction in somatization disorder. Event-related potential and regional cerebral blood flow investigations. *Advances in Behavioural Medicine*.

Peer Reviewed Publications

1. Sebastian Olbrich, Anja Tränkner, Galina Surova, Richard Gevirtz, **Evian Gordon**, Ulrich Hegerl, Martijn Arns (2016). CNS-and ANS-arousal predict response to antidepressant medication: Findings from the randomized iSPOT-D study *Journal of psychiatric research* 73, 108-115.
2. M Arns, G Bruder, U Hegerl, C Spooner, DM Palmer, A Etkin, K Fallahpour, JM Gatt, L Hirshberg, **E Gordon** (2016). EEG alpha asymmetry as a gender-specific predictor of outcome to acute treatment with different antidepressant medications in the randomized iSPOT-D study 2016, *Clinical Neurophysiology* 127 (1), 509-519.
3. M Arns, **E Gordon**, NN Boutros (2015). EEG Abnormalities Are Associated With Poorer Depressive Symptom Outcomes With Escitalopram and Venlafaxine-XR, but Not Sertraline Results From the Multicenter Randomized iSPOT-D Study 2015, *Clinical EEG and neuroscience*, 1550059415621435.
4. S Olbrich, G Surova, A Tränkner, R Gevirtz, **E Gordon**, U Hegerl, M Arns (2015). V22. EEG-vigilance and the autonomous nervous system in the prediction of antidepressant treatment: Findings from the iSPOT-D study 2015, *Clinical Neurophysiology* 126 (8), e77.
5. Mayuresh S Korgaonkar, William Rekshan, **Evian Gordon**, A John Rush, Leanne M Williams, Christine Blasey, Stuart M Grieve (2015). Pre-treatment Brain MRI Measures to Identify Individuals Who Will and Will Not Remit During Acute Phase Treatment With Anti-depressant Medications-Results From the iSPOT-D Study 2015, *Biological Psychiatry* 77 (9), 32S-32S.
6. Mayuresh S Korgaonkar, William Rekshan, **Evian Gordon**, A John Rush, Leanne M Williams, Christine Blasey, Stuart M Grieve (2015). Magnetic resonance imaging measures of brain structure to predict antidepressant treatment outcome in major depressive disorder *EBioMedicine* 2 (1), 37-45.
7. **E Gordon**, AJ Rush, DM Palmer, TA Braund, W Rekshan (2015). Toward an online cognitive and emotional battery to predict treatment remission in depression, *Neuropsychiatric disease and treatment* 11, 517.

8. Dinterin RV, Arns M, Kenemans L, Jongsma ML, Kessels RP, Fitzgerald P, Fallahpur K, Debattista C, **Gordon E**, Williams LM. (2015). Utility of event-related potentials in predicting antidepressant treatment response: An iSPOT-D report. *European Neuropsychopharmacol.*, Aug 6. pii: S0924-977X(15)00240-0. doi: 10.1016/j.euroneuro.2015.07.022.
9. Williams LM, Korgaonkar MS, Song YC, Paton R, Eagles S, Etkin A, **Gordon E**. (2015). Amygdala reactivity to emotional faces in the prediction of general and medication-specific responses to antidepressant treatment in the randomized iSPOT-D trial. *Neuropsychopharmacology*. 40: 2398-2408. PMID: 25824424.
10. Arns M, Etkin A, Hegerl U, Williams LM, DeBattista C, Palmer DM, Fitzgerald PB, Harris A, deBeuss R, **Gordon E**. (2015). Frontal and rostral anterior cingulate (rACC) theta EEG in depression: Implications for treatment outcome? *Eur Neuropsychopharmacol*, 25(8):1190-200.
11. Saveanu R*, Etkin A*, Duchemin A-E, Goldstein-Piekarski A, Gyurak A, Debattista C, Schatzberg AF, Sood S, Day VA, Palmer DM, Rekshan WR, **Gordon E**, Rush AJ, Williams LM. (2015). The International Study to Predict Optimized Treatment in Depression (iSPOT-D): Outcomes from the acute phase of antidepressant treatment. *Journal of Psychiatric Research*, 61: 1-12. ** Equal first authors.
12. Shameran Slewa-Younan, **Evian Gordon**, Anthony W Harris, Albert R Haig, Kerri J Brown, Pierre Flor-Henry, Leanne M Williams (2014). Sex differences in functional connectivity in first-episode and chronic schizophrenia patients, *American Journal of Psychiatry*.
13. MB Symond, AWF Harris, **E Gordon**, LM Williams (2014). "Gamma synchrony" in first-episode schizophrenia: a disorder of temporal connectivity?, *American Journal of Psychiatry*
14. Cornelis PM Veth, Martijn Arns, Wilhelmus Drinkenburg, Willem Talloen, Pieter J Peeters, **Evian Gordon**, Jan K Buitelaar (2014). Association between COMT Val158Met genotype and EEG alpha peak frequency tested in two independent cohorts, *Psychiatry research* 219 (1), 221-224
15. Glen R Elliott, Christine Blasey, William Rekshan, A John Rush, Donna M Palmer, Simon Clarke, Michael Kohn, Craig Kaplan, **Evian Gordon** (2014). Cognitive testing to identify children with ADHD who do and do not respond to methylphenidate, *Journal of attention disorders*, 1087054714543924.
16. M Arns, **E Gordon** (2014). Quantitative EEG (QEEG) in psychiatry: Diagnostic or prognostic use?, *Clinical Neurophysiology* 125 (8), 1504-1506.
17. Carol Dobson-Stone, Patsie Polly, Mayuresh S Korgaonkar, Leanne M Williams, **Evian Gordon**, Peter R Schofield, Karen Mather, Nicola J Armstrong, Wei Wen, Perminder S Sachdev, John BJ Kwok (2013). GSK3B and MAPT polymorphisms are associated with grey matter and intracranial volume in healthy individuals, *PLoS one* 8 (8), e71750.

18. **E Gordon**, DM Palmer, H Liu, W Rekshan, S DeVarney (2013). Online cognitive brain training associated with measurable improvements in cognition and emotional well-being, *Technology & Innovation* 15 (1), 53-62.
19. Stuart M Grieve, Mayuresh S Korgaonkar, Stephen H Koslow, **Evian Gordon**, Leanne M Williams (2013). *NeuroImage : Clinical* Widespread reductions in gray matter volume in depression, The Brain Dynamics Center, Sydney Medical School, The University of Sydney and Westmead Millennium Institute, Sydney, NSW, Australia, *Clinical neuroimaging (Impact Factor: 2.53)*. 12/2013; 3:332-339. DOI: 10.1016/j.nicl.2013.08.016.
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