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Education

1986	B.S.	University of Colorado, Boulder, Colorado (Cum Laude)
1996	M.S.	University of New Mexico, Albuquerque, NM <i>Thesis: Developmental Instability, Caffeine, and Memory</i>
2001	Ph.D.	University of New Mexico, Albuquerque, NM (APA Approved) <i>Dissertation: Biochemical Markers of Intelligence and Cognition in Normal Human Brain</i>
2000 – 2001	Internship	Baylor College of Medicine, Houston, Texas (APA Approved) Departments: Neurosurgery and Behavioral Medicine
2001 – 2004	Post-Doctoral Fellowship	Department of Psychiatry Research, University of New Mexico Health Sciences Center, Albuquerque, NM

Licensure

2002	New Mexico	Clinical Psychology (#0880)
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Patents

2004	#6708053	Brooks, Jung, et al., <i>Biochemical Markers of Brain Function</i>
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Employment Positions

2004 – 2006	Assistant Research Professor, <i>Department of Neurology</i> , University of New Mexico Health Sciences Center, Albuquerque
2006 – 2009	Research Scientist, <i>The Mental Illness and Neuroscience Discovery (MIND) Institute</i> , Domenici Hall, Albuquerque, NM
2009 – 2021	Assistant Professor, <i>Department of Neurosurgery</i> , University of New Mexico Health Sciences Center, Albuquerque
2011 – Present	Brain and Behavioral Associates, PC President and Owner – Private Neuropsychology Practice
2021 – Present	Assistant Professor, <i>Department of Psychology</i> University of New Mexico, Albuquerque, NM

Membership in Scientific and Professional Societies

National Academy of Neuropsychology (NAN) – Professional Member
American Academy of Clinical Neuropsychology (AACN)
American Psychological Association – Division 40 – Society for Clinical Neuropsychology
American Psychological Association – Division 10 – Society for Aesthetics, Creativity, and the Arts
International Society for Intelligence Research (ISIR)
The Society for the Neuroscience of Creativity (SFNC) – Founding Member
Heterodox Academy

Editorial Boards

Intelligence – Associate Editor
Journal of Intelligence – Editorial Board Member
Creativity Research Journal – Editorial Review Board Member
PLoS One – Academic Editor
Frontiers in Psychiatry – Associate Editor: *Neuroimaging and Stimulation*
Neuropsychologia – Guest Editor: *Special Issue – Creativity and Intelligence*

Selected Editorial and Reviewer Positions (*Ad Hoc*)

American Journal of Psychiatry | *Behavioral and Brain Sciences* | *Behavioral Neuroscience* | *Biological Psychiatry* | *BMC Neuroscience* | *Brain and Behavior* | *Brain and Cognition* | *Brain Imaging and Behavior* | *Brain Research* | *Brain Stimulation* | *Brain Structure and Function* | *British Journal of Psychology* | *Cerebral Cortex* | *Cognition* | *Cognitive Affective & Behavioral Neuroscience* | *Cognitive and Behavioral Neurology* | *Cognitive Neuroscience* | *Cognitive Science* | *Cortex* | *European Journal of Personality* | *Experimental Neurology* | *Frontiers in Human Neuroscience* | *Frontiers in Neuroscience* | *Frontiers in Psychology* | *Human Brain Mapping* | *Journal of Cognitive Neuroscience* | *Journal of Creative Behavior* | *Journal of Intelligence* | *Journal of the International Neuropsychological Society* | *Journal of Experimental Psychology: General* | *Journal of Neuroscience* | *Journal of Psychiatry and Neuroscience* | *Journal of Psychosomatic Research* | *Molecular Psychiatry* | *Nature Protocols* | *Nature Reviews Psychology* | *Neurobiology of Aging* | *NeuroImage* | *Neuropsychologia* | *Neuropsychopharmacology* | *Neuroscience and Biobehavioral Reviews* | *Neuroscience Letters* | *Perspectives on Psychological Science* | *Proceedings of the National Academy of Sciences of the United States of America* | *Proceedings of the Royal Society of London – B: Biological Sciences* | *Public Library of Science ONE* | *Psychiatry Research* | *Psychiatry Research: Neuroimaging* | *Psychology and Neuroscience* | *Psychological Science* | *Psychology of Aesthetics, Creativity, and the Arts* | *Psychonomic Bulletin & Review* | *Psychopharmacology* | *Review of General Psychology* | *Schizophrenia Bulletin* | *Science: Advances* | *Scientific Reports* | *Social Cognitive and Affective Neuroscience* | *Social Neuroscience* | *Transactions on Neural Systems and Rehabilitation Engineering* | *Trends in Cognitive Sciences* | *Trends in Neurosciences*

Scientific Review (*Ad Hoc*)

Austrian Science Fund | *Israel Science Foundation* | *John Templeton Foundation* | *Lupus Foundation of America* | *National Endowment for the Arts* | *National Science Foundation*

Committee, Leadership, and Advisory Board Membership

2009 – 2010 Member – [Advanced Concepts Group](#), Sandia National Laboratory
2009 – Distinguished Senior Advisor – [Positive Neuroscience Project](#); University of Pennsylvania & John Templeton Foundation
2010 Member Review Group - WHO International Advisory Group for the Revision of ICD-10 Mental and Behavioral Disorders: Working Group on the Classification of Intellectual Disabilities
2012 Search Committee Member for Psychiatry Chair, University of New Mexico Health Sciences Center, Albuquerque, NM
2014 – 2017 Advisory Board Member – [Imagination Institute](#); University of Pennsylvania & John Templeton Foundation
2019 – 2021 President – International Society for Intelligence Research (ISIR)

Supervisory and Advisory Roles

Dissertation Committee:	Rebecca England, Ph.D. Massachusetts General Hospital
	Mathew Euler, Ph.D. University of Utah
	April Brown, Ph.D. University of New Mexico
Research Advisor:	Tiffany Love, Ph.D. University of Utah
	Rosalind Arden, Ph.D. King's College, London
	Robert Chavez University of Oregon
	Rachael Grazioplene Yale University
	Sephira Ryman Mind Research Network
	Andrei Vakhtin Mind Research Network
Clinical Advisor:	Lynette Silva University of New Mexico
	Brandon Kopald UC, San Francisco
	Rebecca Avila-Rieger Montefiore Medical Center
	Devin Ulrich University of Missouri
	Isabel Solis University of New Mexico

Post-Doctoral Advisor: Kaitlyn Schodt University of New Mexico
Santiago Palmer-Cancel Ponce Health Sciences University

Grants Received – (\$3,149,549 as Principal Investigator; \$6,968,952 Total)

2007 – 2010 John Templeton Foundation #12456:
The Neuroscience of Creativity
Role: Principal Investigator; \$600,770

2008 Blue Planet Software:
The Neuroscience of Tetris
Role: Principal Investigator; \$90,000

2009 – 2011 Defense Advanced Research Projects Agency (DARPA)/DOD
Brain Stimulation to Accelerate Learning of Threat Detection Phase II,
Michael Weisend: PI \$3,804,403
Role: Co-Investigator

2009 – 2012 National Institute of Mental Health #1P20 RR021938-01A2:
Fronto-subcortical Disconnection Underlying Neurocognitive Dysfunction in Schizophrenia
Role: Principal Investigator; \$920,937

2012 Johnson O'Connor Research Support Corporation:
The Neuroscience of Aptitude
Role: Principal Investigator; \$98,000

2012 – 2015 John Templeton Foundation #22156:
The Neuroscience of Scientific Creativity
Role: Principal Investigator; \$1,014,842

2014 – 2015 National Endowment for the Arts #14-3800-7003:
Transfer Effects of Music on Brain Structure and Function
Role: Co-Principal Investigator; \$15,000

2014 – 2016 Johnson O'Connor Research Support Corporation:
The Neuroscience of Aptitude
Role: Principal Investigator; \$225,000

2016 – 2019 United States Army Research Institute for the Behavioral and Social Sciences (ARI):
Predicting Performance from Network Data (David Dunson: PI)
Role: Co-Principal Investigator; \$48,438

2019 – 2020 Johnson O'Connor Research Support Corporation
Continuation of The Neuroscience of Aptitude
Role: Principal Investigator, \$200,000

Peer Reviewed Publications

Citation metrics (Google Scholar): h-index = 56; 13,000+ citations; 1+ cited 100+times; 2+ cited 200+times; 3+ cited 300+times, 4+ cited 400+ times, 15+ cited 1500+ times. 28 first author papers; 31 last author papers.

- *Top 2% Scientist of the World 2022: <https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4>*

1994

1. Giambra LM, Wise K, Rosenberg EH, **Jung RE**. (1994). The Influence of Caffeine Arousal on the Frequency of Task-Unrelated Image and Thought Intrusions. *Imagination, Cognition, and Personality*. 13(3): 215-223.

1995

2. Ciesielski KT, Waldorf AV, **Jung RE**. (1995). Anterior Brain Deficits in Chronic Alcoholism: Cause or Effect? *Journal of Nervous and Mental Disease*. 183(12):756-61.

1996

3. Giambra LM, **Jung RE**, Grodsky, A. (1996). Age Changes in Dream Recall in Adulthood. *Dreaming*, 6(1):17-31. **Top 100 Cited publication for this Journal.**

1998

4. ¹⁺Friedman SD, Brooks WM, **Jung RE**, Hart BL, & Yeo RA. (1998) Proton MR Spectroscopic Findings Correspond to Neuropsychological Function in Traumatic Brain Injury. *American Journal of Neuroradiology*. 19(10):1879-1885.

1999

5. ¹⁺Brooks WM, **Jung RE**, Ford CC, Greinel EJ, & Sibbitt WL. (1999). Relationship Between Neurometabolite Derangement & Neurocognitive Dysfunction in Systemic Lupus Erythematosus. *Journal of Rheumatology*. 26(1):81-85.
6. Sibbitt WL Jr., **Jung RE**, Brooks WM. (1999) Neuropsychiatric Systemic Lupus Erythematosus. *Comprehensive Therapy*. 25(4):198-208.
7. ²⁺Friedman SD, Brooks WM, **Jung RE**, Chiulli SJ, Sloan JH, Montoya BT, Stidley CA, Hart BL, Yeo RA. (1999). Quantitative 1H-MRS Predicts Outcome Following Traumatic Brain Injury. *Neurology*. 52(7): 1384-1391.
8. ¹⁺**Jung RE**, Brooks WM, Yeo RA, Chiulli SJ, Weers D, & Sibbitt WL. (1999). Biochemical Markers of Intelligence: A Proton MR Spectroscopy Study of Normal Human Brain. *Proceedings of the Royal Society of London - Biological Sciences*. 266(1426): 1375-1379.
9. ¹⁺**Jung RE**, Yeo RA, Chiulli SJ, Sibbitt WL, Weers DC, Hart BL, & Brooks WM. (1999). Biochemical Markers of Cognition: A Proton MR Spectroscopy Study of Normal Human Brain. *Neuroreport*. 10(6): 3327-3331.

2000

10. **Jung RE**, Yeo RA, Chiulli SJ, Sibbitt WL, & Brooks WM. (2000). Myths of Neuropsychology: Intelligence, Neurometabolism and Cognitive Ability. *The Clinical Neuropsychologist*. 14(4): 535-545.
11. **Jung RE**, Yeo RA, Gangestad S. (2000). Developmental Instability Predicts Individual Variation in Verbal Memory Skill After Caffeine Ingestion. *Neuropsychiatry, Neuropsychology, and Behavioral Neurology*. 13(3):195-198.
12. ²⁺Brooks WM, Stidley CA, Petropoulos H, **Jung RE**, Weers DC, Friedman SD, Barlow MA, Sibbitt WL, & Yeo RA. (2000). Metabolic and cognitive response to human traumatic brain injury: a quantitative proton magnetic resonance study. *Journal of Neurotrauma*. 17(8): 629-640.

2001

13. **Jung RE**, Yeo RA, Sibbitt Jr. WL, Ford CC, Hart BL, & Brooks WM. (2001). Gerstmann Syndrome in Systemic Lupus Erythematosus: Neuropsychological, Neuroimaging and Spectroscopic Findings. *Neurocase*. 7(6): 101-107.
14. Bustillo JR, Lauriello J, Rowland L, **Jung RE**, Petropoulos H, Hart B, Blanchard J, Keith S, Brooks WM. (2001). Effects of Chronic Haloperidol and Clozapine Treatments on Frontal and Caudate Neurochemistry in Schizophrenia. *Psychiatry Research: Neuroimaging*. 107(3): 135-149.

2002

15. **Jung RE**, Yeo RA, Love TM, Petropoulos H, Sibbitt WL, & Brooks WM. (2002). Biochemical Markers of Mood: A Proton MR Spectroscopy Study of Normal Human Brain. *Biological Psychiatry*. 51(3): 224-229.

2004

16. Hill DE, Ciesielski KT, Hart BL, & **Jung RE**. (2004). MRI Morphometric and Neuropsychological Correlates of Long-term Memory in Survivors of Childhood Leukemia. *Pediatric Blood & Cancer*. 42(7): 611-7.
17. ⁶⁺Haier RJ, **Jung RE**, Yeo RA, Head K, & Alkire MT. (2004). Structural Brain Variation and General Intelligence. *NeuroImage*. 23(1):425-433.

2005

18. ²⁺Rowland LM, Bustillo JR, Mullins PG, **Jung RE**, Lenroot R, Landgraf E, Barrow R, Yeo RA, Lauriello J, & Brooks WM (2005). Effects of Ketamine on Anterior Cingulate Glutamatergic Activity in Healthy Humans: A 4.0T Proton MRS Study. *American Journal of Psychiatry*. 162(2):394-396.
19. ⁵⁺Haier RJ, **Jung RE**, Yeo RA, Head K, & Alkire MT. (2005). The neuroanatomy of general intelligence: sex matters. *NeuroImage*. 25(1): 320-327.
20. ¹⁺Rowland LM, Astur RS, **Jung RE**, Bustillo JR, Lauriello J, & Yeo RA. (2005). Selective Cognitive Impairments Associated with NMDA Receptor Blockade in Humans. *Neuropsychopharmacology*. 30(3): 633-639.

21. ¹⁺Mullins PG, Rowland LM, **Jung RE**, & Sibbitt WL. (2005). A novel technique to study the brain's response to pain: Proton MRS. *NeuroImage*. 26(2):642-646.
22. Haier RJ, **Jung RE**, Yeo RA, Head K, & Alkire MT. (2005). Structural brain variation, age, and response time. *Cognitive, Affective, and Behavioral Neuroscience*. 5(2):246-251.
23. ¹⁺**Jung RE**, Haier RJ, Yeo RA, Rowland LM, Petropoulos H, Levine AS, Sibbitt WL, & Brooks WM. (2005). Sex Differences in N-acetylaspartate Correlates of General Intelligence: A 1H-MRS Study of Normal Human Brain. *NeuroImage*. 26(3):965-972.

2006

24. Yeo RA, Brooks WM, **Jung RE**. (2006). NAA and Higher Cognitive Function in Humans. In Moffett J, Tieman S, Weinberger DR, Coyle JT, & Nambodiri AMA (Eds.). *N-acetylaspartate: A Unique Neuronal Molecule in the Central Nervous System*. Springer: New York.
25. Yeo RA, Phillips JP, **Jung RE**, Brown AJ, Campbell RC, & Brooks WM. (2006). Magnetic resonance spectroscopy detects brain injury and predicts cognitive functioning in children with brain injuries. *Journal of Neurotrauma*, 23(10):1427-35.
26. Yeo RA, **Jung RE**, Brooks WM. (2006). NAA and Higher Cognitive Function in Humans. *Advances in Experimental Medicine and Biology* 576: 215-226.
27. Colom R, **Jung RE**, Haier RJ. (2006). Finding the General Factor of Intelligence (g) in the Brain. *Intelligence*, 34(6): 561-570.
28. ³⁺Gasparovic C, Song T, Devier D, Bockholt J, Caprihan A, Mullins PG, Posse S, **Jung RE**, & Morrison L. (2006). The use of tissue water as a concentration reference for proton spectroscopic imaging. *Magnetic Resonance in Medicine*. 55(6):1219-26.
29. ²⁺Colom R, **Jung RE**, Haier RJ. (2006). Distributed Brain Sites for the g-factor of Intelligence. *NeuroImage*. 31(3):1359-65.

2007

30. ¹⁵⁺**Jung RE**, & Haier RJ. (2007). The Parieto-Frontal Integration Theory (P-FIT) of Intelligence: Converging Neuroimaging Evidence. *Behavioral and Brain Sciences*, 30(2): 135-154. **Top 100 Cited publication for this Journal.**
31. Haier RJ, & **Jung RE** (2007). Beautiful Minds (i.e. Brains) and the Neural Basis of Intelligence: Response to Commentaries. *Behavioral and Brain Sciences*, 30(2): 174-178.
32. ¹⁺Colom R, **Jung RE**, Haier RJ. (2007). General Intelligence and memory span: Evidence for a common neuro-anatomic framework. *Cognitive Neuropsychology*, 24(8): 867-878.
33. Johnson W, **Jung RE**, & Haier RJ. (2007). Psychometric dimensions of cognition other than general intelligence correlate to regional brain structure. *Intelligence*. 36(1): 18-28.

2008

34. ¹⁺Haier RJ & **Jung RE**. (2008). Brain Imaging Studies of Intelligence and Creativity: What is the Picture for Education? *Roeper Review*, 30(3): 171-180. **Top 100 Cited publication for this Journal.**
35. Bustillo JR, Rowland LM, **Jung RE**, Brooks WM, Qualls C, Hammond R, Hart B, & Lauriello J. (2008) Proton magnetic resonance spectroscopy during the first year of antipsychotic treatment in schizophrenia. *Neuropsychopharmacology*, 33(10): 2456-66.
36. Franco AR, Ling J, Caprihan A, Calhoun VC, **Jung RE**, Heilman G, & Mayer AR, (2008). Multimodal and Multi-tissue Measures of Connectivity Revealed by Joint Independent Component Analysis. *IEEE Journal of Selected Topics in Signal Processing*, 2(6): 986-997.

2009

37. ¹⁺Segall JM, Turner JA, van Erp GM, White T, Bockholt HJ, Gollub RL, Ho BC, Magnotta V, **Jung RE**, McCarley RW, Schulz SC, Lauriello J, Clark VP, Voyvodic JT, Diaz MT, & Calhoun VD. (2009). Voxel-based Morphometric Multi-site Collaborative Study on Schizophrenia, *Schizophrenia Bulletin*, 35(1): 82-95.
38. ²⁺Haier RJ, Karama S, Leyba L, **Jung RE**. (2009). MRI assessment of cortical thickness and functional activity changes in adolescent girls following three months of practice on a visual-spatial task, *BMC Research Notes*, 2:174. **Top 100 Cited publication for this Journal.**
39. **Jung RE**, Gasparovic C, Chavez RS, Caprihan A, Barrow R, & Yeo RA. (2009). Imaging Intelligence with Proton Magnetic Resonance Spectroscopy. *Intelligence*, 37(2): 192-198.

40. ²⁺Colom R, Haier RJ, Head K, Alvarez-Linera J, Quiroga MA, Shih PC, & **Jung RE**, (2009). Gray Matter Correlates of Fluid, Crystallized, and Spatial Intelligence: Testing the P-FIT Model. *Intelligence*, 37(2): 124-135. **Top 100 Cited publication for this Journal.**
41. ¹⁺White T, Magnotta V, Bockholt HJ, Williams S, Gollub RL, Mueller B, Ho BC, **Jung RE**, Clark VC, Lauriello J, Bustillo JR, Schulz SC, Andreasen NC, Calhoun VC, & Lim KO. (2009). Global White Matter Abnormalities in Schizophrenia: A Multicenter Diffusion Tensor Imaging Study. *Schizophrenia Bulletin*, 37(1): 222-32.
42. ¹⁺**Jung RE**, Gasparovic C, Chavez RS, Flores RA, Smith SM, Caprihan A, Yeo RA, (2009), Biochemical Support for the "Threshold" Theory of Creativity: A Magnetic Resonance Spectroscopy Study, *Journal of Neuroscience*, 29(16):5319-5325.

2010

43. Michael AM, Baum SA, Demerci O, Segall J, **Jung RE**, Clark VP, Bockholt HJ, Gollub RL, Roffman JL, Ho B, Andreasen NC, Lim KO, White T, Schulz SC, Calhoun VD. (2010). Does Function Follow Form?: Methods to Fuse Structural and Functional Brain Images Show Decreased Linkage in Schizophrenia, *NeuroImage*, 49(3):2626-37.
44. ⁴⁺**Jung RE**, Segall JM, Bockholt HJ, Chavez RS, Flores R, & Haier RJ. (2010). Neuroanatomy of Creativity, *Human Brain Mapping*, 31(3):398-409.
45. ¹⁺**Jung RE**, Grazioplene R, Caprihan A, Chavez RS, & Haier RJ. (2010). White matter integrity, creativity, and psychopathology: Disentangling constructs with diffusion tensor imaging, *Public Library of Science ONE*, 5(3): e9818. doi:10.1371/journal.pone.0009818.
46. **Jung RE**, Segall JM, Grazioplene RG, Qualls C, Sibbitt WL, Roldan CA. (2010). Cortical Thickness and Subcortical Gray Matter Reductions in Neuropsychiatric Systemic Lupus Erythematosus, *Public Library of Science ONE*, 5(3): e9302. doi:10.1371/journal.pone.0009302
47. ¹⁺Sponheim SR, **Jung RE**, Seidman LJ, Mesholam-Gateley R, Manoach DS, O'Leary DS, Ho BC, Andreasen NC, Lauriello J, Schulz SC. (2010). Cognitive Deficits in First-Episode and Chronic Schizophrenia. *Journal of Psychiatric Research*, 44(7): 421-8.
48. ¹⁺Bustillo JR, Rowland LM, Mullins PG, **Jung RE**, Chen H, Qualls C, Hammond R, Brooks WM, & Lauriello J. (2010). 1H-MRS at 4 Tesla in Minimally Treated Early Schizophrenia. *Molecular Psychiatry*, 15(6): 629-36.
49. Brooks WM, Sibbitt WL, Kornfeld M, **Jung RE**, Bankhurst AD, & Roldan CA (2010). The Histopathologic Associates of Neurometabolite Abnormalities in Fatal Neuropsychiatric Systemic Lupus Erythematosus, *Arthritis and Rheumatism*, 62(7): 2055-2063.
50. **Jung RE**, Caprihan A, Chavez RS, Flores RA, Sharrar J, Qualls C, Sibbitt WJ, Roldan CA. (2010). Diffusion Tensor Imaging in Neuropsychiatric Systemic Lupus Erythematosus, *BMC Neurology*, 10(65):65.
51. ³⁺Arden R, Chavez RC, Grazioplene R, & **Jung RE**. (2010). Neuroimaging Creativity: a psychometric view. *Behavioural Brain Research*. 214(2):143-156.
52. ²⁺Colom R, Karama S, **Jung RE**, Haier RJ. (2011). Human Intelligence and Brain Networks. *Dialogues in Clinical Neuroscience*, 12(3): 489-501. **Top 100 Cited publication for this Journal.**

2011

53. Yeo RA, Arden R, & **Jung RE**. (2011). Intelligence in Alzheimer's Disease. *Current Alzheimer's Research*, 8(4): 345-53.
54. Bullard L.M., Browning E.S., Clark V.P., Coffman B.A., Garcia C.M., **Jung R.E.**, van der Merwe A.J., Paulson K.M., Vakhtin A.A, Wootton C.L., Weisend M.P. (2011). Transcranial Direct Current Stimulation's Effect on Novice versus Experienced Learning, *Experimental Brain Research*, 213(1): 9-14.
55. Gasparovic C, Bedrick E, Mayer AR, Yeo RA, Calhoun VD, & **Jung RE**. (2011). Test-Retest Reliability of Short-Echo-Time Spectroscopic Imaging Data from Human Brain at 3T. *Magnetic Resonance in Medicine*, 66(2):324-332.
56. ¹⁰⁺Allen E, Erhardt E, Damaraju E, Gruner W, Segall J, Silva R, Havlicek M, Rachakonda S, Fries J, Kalyanam R, Michael A, Turner J, Eichele T, Adelsheim S, Bryan A, Bustillo J, Clark V, Feldstein S, Filbey F, Ford C, Hutchison K, **Jung RE**, Kiehl K, Kodituwakku P, Komesu Y, Mayer A, Pearlson G, Phillips J, Sadek J, Stevens M, Teuscher U, Thoma RJ, Calhoun VD. (2011). A Baseline for the Multivariate Comparison of Resting State Networks. *Frontiers in Systems Neuroscience*, 5(2):1-23. **Top 100 Cited publication for this Journal.**

57. ¹⁺Karama S, Colom R, Johnson W, Deary I, van der Maas H, Haier RJ, **Jung RE**, Lepage C, Ganjavi H, & Evans A (2011) Cortical Thickness Correlates of Cognitive Performance after Controlling for the General Factor of Intelligence. *NeuroImage*, 55(4):1443-53.
58. Ryman SG, Gasparovic C, Bedrick EJ, Flores RA, Marshall AN, **Jung RE**. (2011) Brain Biochemistry and Personality: A Magnetic Resonance Spectroscopy Study. *PLoS ONE*, 6(11):e26758.

2012

59. **Jung RE**, Chaves RS, Flores RA, Qualls C, Sibbitt WJ, Roldan CA (2012). White Matter Correlates of Neuropsychological Dysfunction in Systemic Lupus Erythematosus. *PLoS ONE*, 7(1):e28373.
60. Lou L, Xu L, **Jung RE**, Pearlson G, Adali T, Calhoun V. (2012). Constrained Source Based Morphometry Identifies Structural Networks Associated with Default Mode Network, *Brain Connectivity*, 2(1):33-43.
61. ¹⁺Segall J, Allen EA, **Jung RE**, Erhardt E, Arja S, Kiehl KA, and Calhoun VD, (2012). Correspondence between Structure and Function in the Human Brain at Rest, *Frontiers in Neuroinformatics*, 6(10):1-17. **Top 100 Cited publication for this Journal.**
62. Mayer AR, Teshiba TM, Franco AR, Shane M, Mannell MV, Stephen JM & **Jung RE** (2012). Modeling conflict and error in the medial frontal cortex, *Human Brain Mapping*, 33(12):2843-55.

2013

63. **Jung RE** & Haier RJ (2013). "Creativity and Intelligence: Brain networks that link and differentiate the expression of genius." In O. Vartanian, A.S. Bristol, & J.C. Kaufman (Eds). *The Neuroscience of Creativity*. Cambridge University Press.
64. **Jung RE** & Ryman SG (2013) "Imaging Creativity." In K.H. Kim, J.C. Kaufman, & J. Baer (Eds.), *Creatively Gifted Students Are Not Like Other Gifted Students: Research, Theory, and Practice*. Cambridge University Press.
65. Kulkarni V, Pudipeddi JS, Akoglu L, Vogelstein JT, Vogelstein J, Ryman S, **Jung RE**. (2013) Sex differences in the human connectome. In Imamura et al., (Eds.): *Brain and Health Informatics 2013, Lecture Notes in Artificial Intelligence*, 8211:82-91
66. ³⁺**Jung RE**, Mead BS, Carrasco J, Flores RA. (2013). The structure of creative cognition in the human brain. *Frontiers in Human Neuroscience*, 7: doi: 10.3389/fnhum.2013.00330. **Top 100 Cited publication for this Journal.**
67. Roldan C, Sibbitt Jr. WL, Qualls C, **Jung RE**, Greene ER, Gasparovic CM, Hayek R, Charlton GA, & Crookston K. (2013). Libman-Sacks Endocarditis and Embolic Cerebrovascular Disease. *Cardiovascular Imaging*, 6(9): 973-983.
68. Vakhtin AA, Calhoun VC, **Jung RE**, Ford CC. (2013). Changes in Intrinsic Functional Brain Networks Following Blast-Induced Mild Traumatic Brain Injury. *Brain Injury*, 27(11): 1304-10.
69. Stephen JM, Coffman BA, **Jung RE**, Bustillo JR, Aine CJ, Calhoun VD (2013). Using joint ICA to link MEG and DTI data applied to schizophrenia. *NeuroImage*, 83, 418-30.
70. Roncal WG, Koterba ZH, Mhembere D, Kleissas DM, Vogelstein JT, Burns R, Bowles AR, Donavos DK, Ryman S, **Jung RE**, Wu L, Calhoun V, Vogelstein RJ. (2013). MIGRAINE: MRI graph reliability analysis and inference for connectomics. *GlobalSIP 2013 – Proceedings*, 313-316 doi: 10.1109/GlobalSIP.2013.6736878
71. Mhembere D, Roncal W, Sussman D, Priebe CE, **Jung RE**, Ryman SG, Vogelstein RJ, Vogelstein JT, Burns R, (2013) Computing scalable multivariate local invariants of large (brain-) graphs," *Global Conference on Signal and Information Processing (GlobalSIP), 2013 IEEE* , 12(3), 297-300. doi: 10.1109/GlobalSIP.2013.6736874

2014

72. Bertelli M, Salvador-Carulla L, Scuticchio D, Varruciu N, Martinez-Leal R, Cooper SA, Simeonsson RJ, Deb S, Weber G, **Jung R**, et al., (2014). Moving Beyond Intelligence in the Revision of IDC-10: Specific Cognitive Functions in Intellectual Development Disorders. *World Psychiatry*, 13(1): 93-4.
73. **Jung RE**, Ryman SG, Vakhtin AA, Carrasco J, Wertz C, Flores RA. (2014). Subcortical Correlates of Individual Differences in Aptitude. *PLoS ONE*, doi: 10.1371/journal.pone.0089425
74. **Jung RE**, (2014). Evolution, Creativity, Intelligence, and Madness: "Here be Dragons" *Frontiers in Psychology*, 5:784, doi: 10.3389/fpsyg.2014.00784

75. Haier RJ, Karama S, Colom R, **Jung RE**, Johnson W. (2014). A Comment on “Fractionating Intelligence” and the peer review process, *Intelligence*, 46:323-332.
76. Haier RJ, Karama S, Colom R, **Jung RE**, Johnson W. (2014). Yes, but flaws remain. *Intelligence*, 46:341-344.
77. Ryman SG, van den Heuvel M, Yeo RA, Caprihan A, Carrasco J, Vakhtin A, Flores RA, Wertz C, **Jung RE**. (2014). Sex differences in the relationship between white matter connectivity and creativity, *NeuroImage*, 101:380-389.
78. Weiland, BJ, Sabbineni A, Calhoun VD, Welsh RC, Bryan AD, **Jung RE**, Mayer AR, Hutchison KE. (2014). Reduced Left Executive Control Network Functional Connectivity Is Associated with Alcohol Use Disorders. *Alcoholism: Clinical and Experimental Research*, 38(9):2445-2453. doi: 10.1111/acer.12505
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132. **Jung RE**, Hunter DR. (Under Review). A Call to More Imaginative Research into Creative Achievement. *Creativity Research Journal*.
133. Chohan MO, Flores RA, Wertz C, **Jung RE**. (Under Review). “Non-Eloquent” brain regions predict neuropsychological outcome in tumor patients undergoing awake craniotomy. *NeuroImage: Clinical*

Select Invited External Lectures

1. Jung RE, “[Creativity and the Brain.](#)” TEDxABQ, September 18, Albuquerque, NM.
2. Jung RE, “[Teaching through the prism of arts integration.](#)” The Phillips Collection, Washington, DC. October 26, 2011.
3. Jung RE, “[Beautiful Minds: The Enigma of Genius.](#)” World Science Festival, Skirball Center, June 4, New York City, New York.
4. Jung RE, Kaufman SB, Beeman M. “[What is Creative Genius?](#)” Aspen Ideas Festival, Aspen, CO. June 28, 2014.
5. Jung RE, “[Visualizing Creativity in the brain.](#)” Kansas City Design Learning Challenge, Kansas City MO, June 22, 2015.
6. Hsu S, Jung RE, McMahon D, Simonton DK, “[Understanding Genius: An Unhurried Search for Wisdom.](#)” The Helix Center, New York, New York, October 3, 2015.
7. Jung RE, “[Interacting Brain Networks Underlying Creative Cognition.](#)” CogNovo Workshop: The Neural Basis for Creativity, Plymouth, United Kingdom, April, 29, 2016.
8. Jung RE, Chohan MA, “[Awake Brain Surgery: 100 years of neurosurgical oncology and brain mapping.](#)” New Mexico Medical Society Annual Meeting, Albuquerque, NM. January 10, 2019.
9. Jung RE, “[The Neuroscience of Creativity: How close are we to realistic implications for educators?](#)” Bar Ilan University, Tel Aviv, Israel. May 13, 2019.

Select News Items in Other Journals

1. Nature: Helen Pilcher “[Gray Matter Matters for Intellect](#)”, 07/21/04.
2. New Scientist: Linda Geddes “[A Slow Mind May Nurture More Creative Ideas](#)”, 03/27/10.
3. New Scientist: Catherine de Lange “[Creativity vies with Language in Brain](#)”, 12/17/10.
4. Nature: Linda Geddes “[Human Brain Mapped in Unprecedented Detail](#)”, 07/20/16.

Select National/International Print Media

1. New York Times: “[Charting Creativity: Signposts of a Hazy Territory](#)” Patricia Cohen, 04/07/10.
2. Newsweek: “[The Creativity Crisis](#)”, Po Bronson & Ashley Merryman, 07/10/10.
3. The Washington Post: “[Creativity can last well into old age, as long as creators stay open to new ideas](#)”, Tara Bahrapour, 11/21/13
4. The Atlantic: “[Scientists are more creative than you might imagine](#)” Alexandra Ossola, 11/12/14
5. Fortune: “[Can electric ‘brain training’ devices make you smarter?](#)” Jennifer Alsever, 11/17/15
6. National Geographic: “[What makes a genius?](#)” Claudia Kalb, May 2017.

Select International Television

1. CNN: “[Genius – Quest for Extreme Brain Power](#)”, (USA); 09/17/06, 10 p.m. ET.
2. NOVA: “[How Smart Can we Get?](#)” (USA); 10/24/12. PBS.
3. BBC2: “[Horizon – The Creative Brain: How Insight Works](#)” (UK); 03/14/13

Select Podcasts

1. On Being – Krista Tippett, American Public Media, “[Creativity and the Everyday Brain](#)” 03/22/12.
2. To The Best of Our Knowledge, “[The Neuroscience of Creativity](#)”; 11/25/12.
3. APA: Speaking of Psychology “[The Neuroscience of Creativity](#)” 05/05/14.

4. The Guardian, "[What is the nature of creativity?](#)" 07/31/15

Select Blogs

1. The Daily Beast; Andrew Sullivan, "[Rap Your Head Around This](#)" 11/20/12,
2. Scientific American Mind, Scott Barry Kaufman, "[The Real Neuroscience of Creativity](#)" 08/19/13
1. RE Jung, "[What Makes a Scientist Creative](#)" 11/08/2013.
2. Psychology Today, RE Jung, "[Unwavering Faith](#)" 03/05/19.