

Katherine H. Karlsgodt

Curriculum Vitae

Date Prepared: August 15, 2016

Birthplace: San Diego, California USA

Institution: University of California, Los Angeles
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Positions:

2016-present Assistant Professor, Department of Psychiatry and Biobehavioral Sciences
University of California, Los Angeles

2016- present Assistant Professor, Department of Psychology
University of California, Los Angeles

2013-2016 Assistant Professor, Department of Psychiatry
Hofstra-Northwell School of Medicine

2012- 2016 Assistant Investigator, Division of Psychiatry Research
Feinstein Institute for Medical Research
Zucker Hillside Hospital, Northwell Health System

2009-2012 Assistant Research Scientist
Center for Cognitive Neuroscience
Department of Psychiatry and Biobehavioral Sciences, UCLA

1999-2001 Research Assistant
Massachusetts General Hospital, Department of Psychiatry

Education and Training:

2007-2009 Postdoctoral Fellow, Neurogenetics Affinity Group
Semel Institute, UCLA
Sponsors: David Jentsch, Ph.D., Tyrone Cannon, Ph.D.

2001-2007 Ph.D., Department of Psychology, UCLA
Dissertation Title: "Functional Magnetic Resonance Imaging of Verbal Working Memory in Schizophrenia"
Doctoral Committee: Tyrone D. Cannon, Ph.D. (Chair), Robert Bilder, Ph.D., Joaquin Fuster, M.D., Ph.D, Russell Poldrack, Ph.D.

2001-2003 M.A., Department of Psychology, UCLA

1995-1999 B.A., Psychology, Trinity College, Hartford, CT, 1999
Major: Psychology Minor: Guided Studies, Humanities Honor Program

Current Research Interests:

Working memory and executive processes, and their disruption in patient populations:

- Functional imaging of working memory in schizophrenia and mood spectrum disorders
- Neural changes in patients with schizophrenia across development
- Impact of executive function development on decision making

Characteristics and neural bases of the executive functions in healthy individuals:

- Structural and functional connectivity
- Individual differences in behavioral performance and functional activation
- Development of white matter and higher level cognitive functions

Awards and Honors:

2013	ACNP Associate Membership
2013	NIH BRAINS Award, Biobehavioral Research Awards for Innovative New Scientists
2013	NIH Early Career Reviewer Program
2011	International Congress on Schizophrenia Research, Young Investigator Award
2010	American College of Neuropsychopharmacology Travel Award
2010	Friends of Semel Institute Travel Award
2008	New York Academy of Sciences James McKeen Cattell Dissertation Award
2007	Department of Psychology Gengerelli Distinguished Dissertation Award
2006	American Psychological Foundation/Council of Graduate Departments of Psychology (APF/COGDOP) Scholarship
2005	Will Rogers Memorial Fellowship
2004	UCLA Graduate Division Travel Award
2003	UCLA Graduate Division Travel Award
2001	Travel Award, Women Gender and Drug Abuse, CPDD, NIDA
1999	Partners in Excellence Award, Massachusetts General Hospital, Partners Healthcare System
1999	Psychology Award, Trinity College Psychology Department
1998-99	Deans List, Trinity College
1995-1997	Guided Studies, Humanities Honors Program, Trinity College

Previous Funding:

NIMH 1R01MH101506-Supplement	8/1/15- 5/31/16
Feinstein Institute for Medical Research Competitive Faculty Award	12/30/12 - 12/29/13
Consortium for Neuropsychiatric Phenomics (CNP) Pilot Project Award, "Translational Assessment of Complex Phenotypes: Bridging the Gap Between Behavior and Brain Function" PI: Katherine Karlsgodt	7/1/09-6/30/11
NIH Loan Repayment Program for Clinical Researchers	7/1/08-6/30/12
Postdoctoral Traineeship in Neurobehavioral Genetics T32, UCLA	7/1/07-6/30/08
NIMH, National Research Service Award "Properties of Verbal Working Memory in Schizophrenia" 1F31MH068111-01A2 PI: Katherine Karlsgodt	7/1/05-6/30/07
Traineeship, T32 Training Program in Neuroimaging, UCLA	7/1/03-6/30/05
Traineeship, T32 Behavioral Neuroscience Training Grant, UCLA	7/1/01-6/30/02

Current Funding:

NIMH, 1R01MH101506-01 Multimodal Imaging of Executive and Reward Networks across the Psychosis Spectrum PI: Katherine Karlsgodt	8/16/13-5/31/18
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Teaching Experience:

UCLA Department of Psychology
2016 Abnormal Psychology: Biological Bases, Psych 127B (140 students)

Zucker Hillside Hospital
2013-16 R-2 Resident Research Mentorship Program
Lecturer, University of Southern California
2012 Psychology 326: Behavioral Neuroscience (94 students)

UCLA Department of Psychology Teaching Assistantships
2005 Biological Basis of Psychiatric Disorders
2005 Clinical Psychology Lab, Major Mental Disorders,
2003, 2004, 2005 Introduction to Behavioral Neuroscience
2003 Human Neuropsychology

Trinity College, Hartford, CT Teaching Assistantships
1998 Research, Design & Analysis, A. Chapdelaine
1998 Child Development. Trinity College, D. Anselmi

Supervision of Undergraduates

Research in Psychology, Psychobiology and Neuroscience: UCLA: Saied Atoofi Ph.D., Susie Conn, Liza Anulao, Eric Shamp, Thao Tran, Lindsay Cameron, Jeremy Watson, Emaka Takashima, Ani Sargsyan ASW, Alice Zhang, Abraham Chiu, Ph.D. candidate, Aron Jacobson, PhD candidate, Samuel Spiegel MD candidate, Michael Zablit, Nicholas Ingram; Sienna College: Ashley Moyett, M.A.; Cornell: Melina Manolas MD candidate; Hofstra: Nicole Liccio, Karole Levine, Ph.D candidate; SUNY Binghamton: Jordan Dienstag, Bates College: Nicole Perraica, NYU: Stephanie Chin, Barnard: Taylor Zar
Senior Projects: Kristin Herzberg, Ph.D. Emaka Takashima, Christina Duffin, Sam Spiegel

Service Activities:

2016-present UCLA Clinical Psychology Academic Committee
2015-present American College of Neuropsychopharmacology (ACNP) Program Committee
2015-2016 Hofstra-Northwell School of Medicine, Psychiatry and Neurology Curriculum Committee
2014-2016 Department of Psychiatry Representative, Hofstra NorthShore LIJ School of Medicine Faculty Council
2012-2016 Protocol Review Committee, Zucker Hillside Hospital Psychiatry Research Division
2011-2012 UCLA Neuroimaging Training Program (NITP) Faculty
2010 Co-organizer and instructor, Summer fMRI Bootcamp
2009-10 Co-organizer, Behavioral Neuroscience Weekly Seminar
2005 Psychology Undergraduate Research Conference session moderator
2004 Graduate Research Conference Assistant: Psychology Undergraduate Research Conference
2003-7 Content Advisor, UCLA Undergraduate Psychology Journal

Professional Development Activities:

2013 The Connectome- Educational Course at Human Brain Mapping
2008 Cold Spring Harbor Laboratory, Schizophrenia and Related Disorders Summer Lecture Course
2005 RIKEN Brain Science Institute, Summer Lecture Course, Japan
2004 IPAM Graduate Summer School: Mathematics in Brain Imaging, UCLA
2003 FMRI Software Library (FSL) Course, Los Angeles, CA

Community Service Activities:

2014-2016 Judge, Long Island Science and Engineering Fair (LISEF)
2010-2012 Site Manager, Iridescent Learning, Family Science Night

Ad-Hoc Reviewer:

Journals: American Journal of Psychiatry, Australian and New Zealand Journal of Psychiatry, Behavioral Brain Research, Biological Psychiatry, BMC Psychiatry, Brain Research Bulletin, Developmental Science, Frontiers in Neuroscience, Human Brain Mapping, JAMA Psychiatry, Journal of Cognitive Neuroscience, Journal of American Academy of Child and Adolescent Psychiatry, Journal of Psychiatry and Neuroscience, Neuroimage, Neurobiology of Aging, Neurobiology of Disease, Neurotoxicity Research, Progress in Neuropsychopharmacology and Biological Psychiatry, Psychiatry Research, Psychiatry Research: Neuroimaging, Schizophrenia Bulletin, Schizophrenia Research

Funding Agencies: National Science Foundation, Swiss National Science Foundation, The Wellcome Trust

Publications:

* denotes corresponding authorship

In Press or Epub

1. Schwemh A, Robinson DG, Gallego JA, **Karlsgodt KH**, Ikuta T, Peters BD, Malhotra AK, Szeszko PR: Age and sex effects on white matter tracts in psychosis from adolescence through middle adulthood, Neuropsychopharmacology (epub, 5/18/16)
2. DeRosse P, Ikuta T, **Karlsgodt KH**, Peters BD, Szeszko PR, Malhotra AK: White matter abnormalities associated with psychotic-like experiences predict later social competency in children and adolescents. Schizophrenia Bulletin (epub, 5/17/16)

Submitted

1. **Karlsgodt KH**, Bato AA, Ikuta T, Peters BD, DeRosse P, Szeszko PR, Malhotra AK: Brain activation during a cognitive control task in youth with high internalizing or externalizing behavior, submitted*
2. Chang EH, Argyelan M, Aggarwal M, Changdon T, **Karlsgodt KH**, Mori S, Malhotra AK: Clarifying the role of myelination in diffusion measures of white matter integrity

Peer-Reviewed Journal Articles (reverse chronological order)

1. **Karlsgodt KH**: Diffusion Tensor Imaging in Schizophrenia: Progress and Future Directions, *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 1(3):209-217, 2016 (invited review)*
2. Nitzburg GC, Gopin CB, Peters BD, **Karlsgodt KH**, Malhotra AK, DeRosse P: The relationship between temperament and character and psychotic-like experiences in healthy children and adolescents, *European Psychiatry*, 31:60-5, 2016
3. Sarpal DK, Argyelan M, Robinson D, Szeszko PR, **Karlsgodt KH**, John M, Weissman N, Gallego JA, Kane JM, Lencz T, Malhotra AK: Baseline Striatal Functional Connectivity as a Predictor of Response to Antipsychotic Drug Treatment, *American Journal of Psychiatry*, 173(1): 69-77, 2016
4. **Karlsgodt KH**, John M, Ikuta T, Rigoard P, Peters BD, DeRosse P, Malhotra AK, Szeszko PR: The accumbens tract: Diffusion tensor imaging characterization and developmental changes from childhood to adulthood, *Human Brain Mapping*, 36(12): 4954-63, 2015*
5. Ikuta T, DeRosse P, Argyelan M, **Karlsgodt KH**, Kingsley PB, Szeszko PR, Malhotra AK: Subcortical Modulation in Auditory Processing and Auditory Hallucinations, *Behavioral Brain Research*, 295: 78-81, 2015
6. **Karlsgodt KH**, Bato AA, Blair AA, DeRosse P, Szeszko PR, Malhotra AK: White matter microstructure in the executive network associated with aggression in healthy adolescents and young adults, *Social Cognitive and Affective Neuroscience*, 10(9):1251-6, 2015*
7. Haut KM, **Karlsgodt KH**, Bilder RM, Congdon E, Freimer N, London ED, Sabb FW, Ventura J, Cannon TD: Memory systems in schizophrenia: Modularity is preserved but deficits are generalized, *Schizophrenia Research*, 168(1-2):223-30, 2015
8. DeRosse P, **Karlsgodt KH**: Examining the Psychosis Continuum, *Curr Behav Neuroscience Reports*, 2(2):80-89, 2015 (invited review)
9. Spiegel S, Chiu A, James AS, Jentsch JD, **Karlsgodt KH**: Similar recognition memory deficits in mice caused by null mutation of genes coding for BLOC-1 complex subunits pallidin and dysbindin, *Genes Brains and Behavior*, 14 (8): 618-24, 2015*
10. Sarpal D, Robinson D, Lencz T, Argyelan M, Ikuta T, **Karlsgodt KH**, Kane JM, Szeszko PR, Malhotra AK: Antipsychotic treatment and functional connectivity of the striatum: A prospective, controlled study in first-episode schizophrenia, *JAMA Psychiatry*, 72(1):5-13, 2015
11. Montojo CA, Jarbrzikowski M, Congdon E, Domicoli S, Chow C, Dawson C, **Karlsgodt KH**, Bilder RM, Bearden CE: Neural substrates of inhibitory control deficits in 22q11.2 deletion syndrome, *Cereb Cortex*, 25(4):1069-79, 2015
12. Peters BD, **Karlsgodt KH**: White matter development in the early stages of psychosis, *Schizophrenia Research*, 161(1):61-9, 2015 (invited review)*
13. DeRosse P, Ikuta T, Peters BD, **Karlsgodt KH**, Szeszko PR, Malhotra AK: Adding insult to injury: Childhood and adolescent risk factors for psychosis predict lower fractional anisotropy in the superior longitudinal fasciculus in healthy adults, *Psychiatry Research*, 224(3):296-302, 2014
14. **Karlsgodt KH**, van Erp TGM, Bearden CE, Cannon TD: Altered age-related trajectories in functional brain activation in healthy adolescents and those at risk for psychosis, *Psychiatry Research: Neuroimaging*, 221(1):21-9, 2014*
15. Jarbrzikowski M, Villalon-Reina JE, **Karlsgodt KH**, Senturk D, Chow C, Thompson PM, Bearden CE: Altered white matter microstructure is associated with social cognition and psychotic symptoms in 22q11.2 microdeletion syndrome, *Frontiers in Behavioral Neuroscience*, 8, 393, 2014
16. Congdon E, Altshuler LL, Mumford JA, **Karlsgodt KH**, Sabb FW, Ventura J, McGough JJ, London ED, Cannon TD, Bilder RM, Poldrack RA: Neural activation during response inhibition in adult attention-deficit/hyperactivity

disorder: Preliminary findings on the effects of medication and symptom severity, *Psychiatry Research*, 222(1-2): 17-28, 2014

17. Ikuta T, Peters BD, Guha S, John M, **Karlsgodt KH**, Lencz T, Szeszko PR, Malhotra AK: A schizophrenia risk gene, ZNF804A, is associated with brain white matter microstructure, *Schizophrenia Research*, 155(1-3):15-20, 2014
18. Peters BD, Voineskos AN, Szeszko PR, Lett TA, DeRosse P, Guha S, **Karlsgodt KH**, Ikuta T, Felsky D, John M, Kennedy JL, Lencz T, Malhotra AM: Brain white matter development is associated with a human-specific haplotype increasing the synthesis of long chain fatty acids, *Journal of Neuroscience*, 34(18):6367-76, 2014
19. White CN, Congdon E, Mumford JA, **Karlsgodt KH**, Sabb FW, Freimer NB, London ED, Cannon TD, Bilder RM, Poldrack RA: Decomposing decision components in the stop-signal task: A model-based approach to individual differences in inhibitory control, in press, *Journal of Cognitive Neuroscience*, 26(8):1601-44
20. Montojo, CA, Ibrahim A, **Karlsgodt KH**, Chow C, Hilton AE, Jonas RK, Vesagas TK, Bearden CE: Disrupted working memory circuitry and psychotic symptoms in 22q11.2 deletion syndrome, *Neuroimage: Clinical* 4:392-402, 2014
21. Helfinstein SM, Schonberg T, Congdon E, **Karlsgodt KH**, Mumford JA, Sabb FW, Cannon TD, London ED, Bilder RM, Poldrack RA: Predicting risky choices from brain activity patterns, *Proceedings of the National Academy of Sciences*:111(7):2470-5, 2014
22. Congdon E, Bato AA, Schonberg T, Mumford JA, **Karlsgodt KH**, Sabb FW, London ED, Cannon TD, Bilder RM, Poldrack RA: Differences in Neural Activation as a Function of Risk-taking Task Parameters, *Frontiers in Decision Neuroscience*, 7:173. doi: 10.3389/fnins.2013.00173, 2013
23. Schreiner MJ, **Karlsgodt KH**, Uddin LQ, Chow C, Congdon E, Jalbrzikowski M, Bearden CE: Default mode network connectivity and reciprocal social behavior in 22q11.2 deletion syndrome, *Social Cognitive and Affective Neuroscience*, 2013
24. **Karlsgodt KH**, Rosser T, Lutkenhoff ES, Cannon TD, Silva AC, Bearden CE: Alterations in white matter microstructure in Neurofibromatosis-1, *PLoS-One*, 7(10), 2012 *
25. Lutkenhoff E*, **Karlsgodt KH***, Stein J, Thompson P, Cannon TD, Jentsch JD, Structural and functional neuroimaging phenotypes in dysbindin mutant mice, *Neuroimage* 62(1):120-9, 2012*
26. **Karlsgodt KH**, Jacobson SC, Seal M, Fusar-Poli, P: The Relationship of Developmental Changes in White Matter to the Onset of Psychosis. *Current Pharmaceutical Design*, 18(4):422-32, 2012 (invited review)*
27. Gee DG, **Karlsgodt KH**, van Erp TG, Bearden CE, Lieberman MD, Belger A, Perkins DO, Olvet DM, Cornblatt BA, Constable T, Woods SW, Addington J, Cadenhead KS, McGlashan TH, Seidman LJ, Tsuang MT, Walker EF, Cannon TD; on behalf of the NAPLS Consortium. Altered age-related trajectories of amygdala-prefrontal circuitry in adolescents at clinical high risk for psychosis: A preliminary study, *Schizophrenia Research*, 134(1):1-9, 2012
28. Bearden CE, **Karlsgodt KH**, Bachman P, van Erp TG, Winkler AM, Glahn DC: Genetic Architecture of Declarative Memory: Implications for Complex Illnesses. *Neuroscientist*, 18(5)516-32, 2012 (invited review)
29. Kochunov P, Glahn DC, Lancaster J, Winkler A, **Karlsgodt KH**, Olvera RL, Curran JE, Carless MA, Dyer TD, Almasy L, Duggirala R, Fox PT, Blangero J, Blood Pressure and Cerebral White Matter Share Common Genetic Factors in Mexican Americans, *Hypertension*, 57(2): 330-5, 2011
30. **Karlsgodt KH***, Robleto K*, Trantham-Davidson H*, Jairl C, Cannon TD, Lavin A**, Jentsch JD**: Reduced dysbindin expression mediates NMDA receptor hypofunction and impaired working memory performance, *Biological Psychiatry*, 69: 28-34, 2011
31. **Karlsgodt KH**, Bachman P, Winkler AM, Bearden CE, Glahn DC: Genetic influence on the working memory circuitry: Behavior, structure, function, and extension to illness. *Behavioural Brain Research*, 225(2)610-22, 2011 (invited review)*
32. Mittal VA, **Karlsgodt KH**, Zinberg J, Cannon TD, Bearden CE: Identification and treatment of a pineal region tumor in an adolescent with prodromal psychotic symptoms, *American Journal of Psychiatry*, 167(9):1033-7, 2010
33. **Karlsgodt KH**, Kochunov P, Winkler AM, Almasy L, Duggirala R, Olvera RL, Fox PT, Blangero J, Glahn DC: A multimodal assessment of the genetic control over working memory, *Journal of Neuroscience*, 30(24) 8197-202, 2010*
34. Shilyansky C, **Karlsgodt KH**, Cummings D, Sidiropoulou K, Hardt M, James AS, Ehninger D, Bearden CE, Poirazi P, Jentsch JD, Cannon TD, Levine MS, Silva AJ: Neurofibromin regulates corticostriatal inhibitory networks during working memory performance, *Proceedings of the National Science Academy*, 107(29)13141-6, 2010
35. **Karlsgodt KH**, Sun D, Cannon TD: Structural and Functional Brain Abnormalities in Schizophrenia, *Current Directions in Psychological Science*, 19(4) 226-231, 2010 (invited review)

36. **Karlsgodt KH**, Niendam TA, Bearden CE, Cannon TD: White Matter Integrity and Prediction of Social and Role Functioning in Subjects at Ultra-High Risk for Psychosis, *Biological Psychiatry*, 66(6):562-9, 2009.*
37. Sanz JH, **Karlsgodt KH**, Bearden CE, van Erp TGM, Nandy RR, Ventura J, Nuechterlein KH, Cannon TD: Symptomatic and Functional Correlates of Regional Brain Physiology During Working Memory Processing in Patients with Recent Onset Schizophrenia, *Psychiatry Research*, 173(3):177-82, 2009
38. **Karlsgodt KH**, Sanz J, van Erp TGM, Bearden CE, Nuechterlein KH, Cannon TD: Re-Evaluating dorsolateral prefrontal cortex activation during working memory in schizophrenia, *Schiz Research*, 108(1-3):143-150, 2009*
39. van Erp TGM, Lesh TA, Knowlton BJ, Bearden CE, Hardt M, **Karlsgodt KH**, Shirinyan D, Rao V, Green MF, Subotnik KL, Nuechterlein K, Cannon TD: Remember and know judgments during recognition in chronic schizophrenia, *Schizophrenia Research*, 100(1-3): 181-190, 2008.
40. **Karlsgodt KH**, Sun D, Jiminez AM, Lutkenhoff ES, Willhite R, van Erp TGM, Cannon TD: Developmental disruptions in neural connectivity in the pathophysiology of schizophrenia, *Development and Psychopathology*, 20(4): 1297-327, 2008 (invited review)
41. **Karlsgodt KH**, van Erp TGM, Poldrack RA, Bearden CE, Nuechterlein KH, Cannon TD: Diffusion Tensor Imaging of the Superior Longitudinal Fasciculus and Working Memory in Patients with Recent-Onset Schizophrenia, *Biological Psychiatry*, 63(5): 512-8, 2008.*
42. Yamamoto RT, **Karlsgodt KH**, Rott D, Lukas SE, Elman I: Effects of perceived cocaine availability on subjective and objective responses to the drug, *Substance Abuse Treatment Prevention Policy*, 2(30), 2007
43. **Karlsgodt KH**, Glahn DC, van Erp TG, Therman S, Huttunen M, Manninen M, Kaprio J, Cohen MS, Lonnqvist J, Cannon TD.: The relationship between performance and fMRI signal during working memory in patients with schizophrenia, unaffected co-twins, and control subjects, *Schizophrenia Research*, 89(1-3): 191-7, 2007.*
44. Cannon TD, Glahn DC, Kim J, Van Erp TGM, **Karlsgodt KH**, Cohen MS, Nuechterlein KH, Bava S, Shirinyan D.: Dorsolateral Prefrontal Cortex Activity During Maintenance and Manipulation Of Information in Working Memory in Patients with Schizophrenia, *Archives of General Psychiatry*, 62(10): 1071-80, 2005
45. **Karlsgodt KH**, Shirinyan D, van Erp TGM, Cohen MS, Cannon TD: Hippocampal involvement in working memory encoding and retrieval, *Neuroimage* 25(4): 1224-31, 2005.*
46. Hopper JW, **Karlsgodt KH**, Adler CM, Macklin EA, Lukas SE, Elman I: Effects of acute cortisol administration on attention, recall, and recognition task performance in individuals with cocaine dependence, *Human Psychopharmacology* 19(7): 511-6, 2004.
47. Elman I, Lucas SE, **Karlsgodt KH**, Gasic GP, Breiter HC: Acute cortisol administration triggers craving in individuals with cocaine dependence, *Psychopharmacology Bulletin*, 37(3): 84-9, 2003
48. **Karlsgodt KH**, Lukas SE, Elman I: Psychosocial Stress and the Duration of Cocaine Use in Non-Treatment Seeking Individuals with Cocaine Dependence, *American Journal of Drug and Alcohol Abuse*, 29(3): 539-51, 2003
49. Elman I, **Karlsgodt KH**, Gastfriend DR, Chabris CF, Breiter HC: Cocaine-Primed Craving and its Relationship to Depressive Symptomatology in Individuals with Cocaine Dependence. *J Psychopharmacology* 16(2):163-167, 2002
50. Elman I, Krause S, **Karlsgodt KH**, Schoenfeld DA, Gollub RL, Breiter HC, Gastfriend DR.: Clinical outcomes following cocaine infusion in non treatment-seeking individuals with cocaine dependence. *Biological Psychiatry*. 49(6):553-5, 2001
51. Elman, I., **Karlsgodt, KH**, Gastfriend, DR.: Gender differences in cocaine craving among non-treatment-seeking individuals with cocaine dependence. *Am J Drug Alcohol Abuse* 27(2):193-202, 2001

Book Chapters:

1. **Karlsgodt, KH**: Working Memory, in *Brain Mapping: An Encyclopedic Reference*, Ed, Arthur Toga, Ph.D. Elsevier, 2015
2. **Karlsgodt KH**, Ellman LM, Sun D, Mittal V, Cannon TD: The Neurodevelopmental Hypothesis of Schizophrenia, in *Schizophrenia: The Final Frontier- Festschrift for Robin M. Murray*, Eds A.S David , P McGuffin, S Kapur, Psychology Press, 2011

Oral Presentations (selected)

1. **Karlsgodt, KH** , Neuroimaging of Developmental Changes in Decision Making: Implications for Neuropsychiatric Disorders, Department of Psychology, University of Miami, FL, 2015
2. **Karlsgodt, KH**, Neuroimaging of Adolescent Development: Implications for Psychiatric Research, Mt Sinai

Hospital, New York, NY, 2014

3. **Karlsgodt, KH**, Multimodal Imaging of Adolescent Development: Implications for Psychiatric Research, Institute of Living, Hartford CT, 2014
4. **Karlsgodt, KH** Schizophrenia and the Changing Brain, NAMI NorthShore, Family to Family. 2014
5. **Karlsgodt, KH** Diffusion Tensor Imaging Investigations of White Matter Development in Schizophrenia, symposium, *Schizophrenia International Research Conference*, Florence, Italy 2010
6. **Karlsgodt, KH**: Neuroimaging of Neurodevelopmental Phenotypes in Schizophrenia, panel presentation, *Winter Conference on Brain Research*, Colorado 2009
7. **Karlsgodt KH**, van Erp TGM, Hardt ME, McKinley M, Bearden CE, Poldrack RA, Nuechterlein KH, Cannon TD Diffusion Tensor Imaging of Fronto-parietal Connections in Patients at Ultra-high Risk for Schizophrenia, *International Congress on Schizophrenia Research*, Colorado, 2007
8. **Karlsgodt KH**, Glahn DC, van Erp TGM, Therman S, Huttunen M, Manninen M, Lonnqvist J, Standertskjold-Nordenstam C-G, Kaprio J, Shirinyan D, Cohen MS, Cannon TD: The Relationship Between Behavior and fMRI Signal During a Working Memory Task in Patients with Schizophrenia, Unaffected Co-Twins, and Control Subjects, *Society for Neuroscience*, Washington, D.C., November 2005
9. **Karlsgodt KH**, van Erp TGM, Therman S, Hiltunen J, Manninen M, Huttunen MO, Lonnqvist J, Kaprio J, Cannon TD: Diffusion Tensor Imaging of Frontal Lobe White Matter in Patients with Schizophrenia, their Healthy Twins, and Control Subjects, *International Congress on Schizophrenia Research*, Spring 2005
10. **Karlsgodt KH**, Shirinyan D, vanErp T, Cohen MS, Cannon TD: Hippocampal involvement in working memory encoding and retrieval. *Society for Neuroscience*, San Diego, CA 2004