Alan Anticevic

YALE UNIVERSITY SCHOOL OF MEDICINE
DEPARTMENT OF PSYCHIATRY
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Neurocognition, Neurocomputation, and Neurogenetics (N^3) Division

PROFESSIONAL POSITIONS

July 2015 - Present
Co-Director
Neurocognition, Neurocomputation, and Neurogenetics (N^3) Division
Department of Psychiatry
Yale University School of Medicine
N3 Division Website

July 2013 - Present
Assistant Professor
Principal Investigator, Anticevic Lab
Department of Psychiatry
Department of Psychology (Secondary Appointment)
Interdepartmental Neuroscience Program (INP)
Division of Biological and Biomedical Sciences (BBS)
Yale University

July 2011 - June 2013
Associate Research Scientist
Administrative Director
NIAAA Center for the Translational Neuroscience of Alcoholism
Department of Psychiatry
Yale University

EDUCATION

2011 **Pre-doctoral Fellowship in Clinical Neuropsychology (Internship)**
Department of Psychiatry
Yale University

2011 **Ph.D. in Clinical Neuropsychology**
Washington University in St. Louis
Specialized Training: Cognitive, Computational, Systems Neuroscience (CCSN) Pathway

Dissertation: "Emotion-cognition interaction in schizophrenia: effects of emotional interference on working memory" [Link]
Core Dissertation Committee: Deanna M. Barch, Ph.D., Steve E. Petersen, Ph.D., & Todd S. Braver, Ph.D.

2007 M.A. Clinical Neuropsychology
Washington University in St. Louis

Concentration: Neuroscience
Master's Thesis: "Comparing surface-based and volume-based analyses of functional neuroimaging data in patients with schizophrenia" [PDF]
Advisors: Deanna M. Barch, Ph.D., David C. Van Essen, Ph.D., & John G. Csernansky, M.D.

2005 Post-baccalaureate Research Assistantship
University of Florida, NIMH Center of Study of Emotion and Attention

Advisors: Margaret Bradley, Ph.D. & Peter J. Lang, Ph.D.

2004 B.S. Psychology (magna cum laude)
Drake University

Concentration: Neuroscience
Honors Thesis: "Maternal separation enhances neuronal activation and cardiovascular responses to acute stress in borderline hypertensive rats" [PDF]
Advisor: Brian J. Sanders, Ph.D.

AWARDS & HONORS

2016	A.E. Bennett Research Award - Society for Biological Psychiatry (Link)
2016	Rising Star Award - Schizophrenia International Research Society (SIRS) (Link)
2015	Gerald R. Klerman Prize for Exceptional Research by NARSAD Young Investigator (Link)
2015	NARSAD Independent Investigator Award (Link)
2015	Society for Biological Psychiatry Top Poster Award (finalist selection *Student: Gen Yang)
2015	Biological Psychiatry Ziskind-Somerfield Research Award Finalist Selection
2014	APS Janet Taylor Spence Award for Transformative Early Career Contribution (Link)
2014	Society for Biological Psychiatry Top Poster Award (finalist selection)
2014	Visiting Associate Professor, Sichuan University, China
2013	Yale Center for Clinical Investigation Scholar Award
2013	International Congress for Schizophrenia Research Young Investigator Award
2013	Organization for Human Brain Mapping Travel Award
2012	NIH Director's Early Independence Award (Link)
2012	NARSAD Young Investigator Award
2011	Cold Spring Harbor Computational & Cognitive Neurobiology Fellowship
2011	James Hudson Brown-Alexander Research Fellowship **Declined for faculty position*
2011	Society for Biological Psychiatry Top Poster Award (finalist selection)
2009	Society for Neuroscience Graduate Student Award

2009	Dissertation Fellowship - Washington University in St. Louis
2007	Fellowship - Psychology, Neuroscience and Genetics, Washington University
2006-2008	University Research Fellowship - Washington University in St. Louis
2007	Organization for Human Brain Mapping Graduate Student Award
2006	McNaire Fellowship through CCSN Pathway - Washington University in St. Louis
2005-2009	University Travel Award - Washington University in St. Louis
2005	University Graduate Fellowship - Washington University in St. Louis
2005-2010	University Full Tuition Scholarship - Washington University in St. Louis
2000-2004	Presidential Scholarship - Drake University

FUNDING

2017-2021 NIH/NIMH 1R01MH112746
Title: Linking Large-Scale Dysconnectivity in Schizophrenia to Cortical Circuit Function at the Individual Level through Computational Modeling and Multimodal Neuroimaging
PI: John Murray, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Costs: $250,000 direct/year

2017-2022 NIH/NIMH R01MH112668
Title: Glial and Synaptic Functions in Major Depression
PI: Chadi Abdallah, M.D.
Co-I: Alan Anticevic, Ph.D.
Total Costs: $311,527/year

2017-2022 NIH/NIMH R01MH112189
U.S. - China Collaborative Grant
Title: Mapping the Longitudinal Neurobiology of Early-Course Schizophrenia
Co-PIs: Alan Anticevic, Ph.D. & Gong Qiyong, Ph.D.
Total Costs: $400,000/year

2017-2018 BlackThorn Therapeutics
Title: A Computational Framework Relating Noninvasive Human Neuroimaging with Gene Expression Mapping to Facilitate Drug Discovery
PI: John Murray, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $250,000/year

2016-2017 Yale Center for Clinical Investigation
Title: Characterizing Cross-Diagnostic Disturbances in Schizophrenia and Autism via Multimodal Neuroimaging
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $45,000

2016-2017 NVIDIA Hardware Grant
Donation of dedicated neuroimaging GPU hardware for high-performance computing

2016-2021 Yale Center for the Translational Neuroscience of Alcoholism (CTNA)
Title: Translational Technologies Core
Co-PIs: Alan Anticevic, Ph.D. & Joel Gelertner, M.D.
Total Direct Costs: $250,000/year

2016-2021 NIH/NIMH 1R01MH108590
Title: Characterizing Schizophrenia Progression via Multi-modal Neuroimaging and Computation
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $375,000/year

2016-2018 BlackThorn Therapeutics
Title: Characterizing the Neural Mechanisms Behind Cognitive and Motivational Deficits in Psychiatric Disorders
Co-PIs: Alan Anticevic, Ph.D. & John Murray, Ph.D.
Total Direct Costs: $693,338/year

2015-2016 NIH/NIMH 1R03MH105765 - Administrative Supplement
Title: Classification of Neuropsychiatric Conditions via Connectivity and Machine Learning
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $25,000/year

2015-2020 NIH/NIMH R01 Application
Title: Multimodel Assessment of Social Process Systems Across Neurodevelopmental Disorders
PI: James McPartland, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $250,000/year

2015-2017 NARSAD Independent Investigator Award
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $50,000/year

2014-2019 NIH/NIMH R01MH106324-01
Title: Gene Networks Influencing Psychotic Dysconnectivity in African Americans
PI: David Glahn, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $777,371/year

2014-2016 NIH/NIMH 1R03MH105765-01
Title: Classification of Neuropsychiatric Conditions via Connectivity and Machine Learning
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $50,000/year

2014-2019 NIH/NIMH R01 MH081902
Title: Predictors and Mechanisms of Conversion to Psychosis (1/9)
PI: Ty Cannon, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $250,000/year

2014-2019 NIH/NIMH RO1 MH102266-01A1
Title: Thalamocortical Networks in Psychosis
PI: Neil Woodward, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $250,000/year

2013-2014 National Center for PTSD
Title: Structural And Spectroscopy Pharmaco-Imaging Paradigm To Investigate The Effect of Riluzole In Patients With Post-Traumatic Stress Disorder (PTSD)
PI: Chadi Abdallah, M.D.
Co-I: Alan Anticevic, Ph.D. (neuroimaging arm)
Total Direct Costs: $81,664/year

2013-2015 YCCI Scholar Award
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $25,000/year

2013-2014 YCCI JIT Pilot Award
PI: Chris Pittenger, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $7,000

2013-2014 Siemens Educational Sponsorship Agreement for 3rd International conference on applications of neuroimaging to alcoholism (ICANA-3)
Co-Is: Alan Anticevic, Ph.D. & John H. Krystal, M.D.
Total Direct Costs: $3,000

2013-2014 NIAAA Directors Summit Award (PA-10-071)
Title: Translational perspective on alcohol vulnerability across levels of inquiry
PI: John H. Krystal, M.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $100,000 (Impact/Priority Score = 10)

2012-2017 NIH Director's Early Independence Award Program
Title: Characterizing cognitive impairment in schizophrenia via computational modeling and pharmacological neuroimaging
PI: Alan Anticevic, Ph.D.
Total Direct Costs: $250,000/year

2012-2017 NIH/NIMH 5 R01 HL113323-02
Title: Whole Genome Sequencing to Identify Casual Genetic Variants Influencing CVD Risk
PI: John Blangero, Ph.D./David Glahn, Ph.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $1,388,318

2012-2013 NIAAA R13 Small Conference Grant (PA-10-071)
Title: 3rd International conference on applications of neuroimaging to alcoholism (ICANA-3)
PI: John H. Krystal, M.D.
Co-I: Alan Anticevic, Ph.D.
Total Direct Costs: $50,000 (Impact/Priority Score = 10)

2013-2015 NARSAD Young Investigator Award
Title: Working memory dysfunction in schizophrenia and in a ketamine model of psychosis: translating computational modeling to neuroimaging
PI: Alan Anticevic, Ph.D. ; Mentor: John H. Krystal, M.D.
Total Direct Costs: $60,000

2012-2013 Conway Yale Research Fund - Small Pilot Award
Title: Characterizing working memory dysfunction in schizophrenia via integration with bio-physically realistic computational modeling
PI: Alan Anticevic, Ph.D. ; Mentor: John H. Krystal, M.D.
Total Direct Costs: $30,000

2012-2013 Yale Center for the Translational Neuroscience of Alcoholism (CTNA) - Pilot Project
Title: Characterizing fronto-limbic interactions in alcohol use disorders
Co-I: Alan Anticevic, Ph.D. ; Co-I: Hedy Kober, Ph.D.
Total Direct Costs: $16,000

2011-2012 James Hudson Brown-Alexander B. Coxe Research Fellowship in Medical Sciences
Yale University
Title: Characterizing functional dysconnectivity in patients with schizophrenia and in a N-Methyl-D-Aspartic antagonist model of psychosis
PI: Alan Anticevic; Mentor: John H. Krystal, M.D.
Total Project Cost: $38,496
** Declined support due to acceptance of faculty position (Yale University)*

2008-2010 McDonnell Cognitive, Computational, Systems Neuroscience Research Fund
Washington University in St. Louis
Title: Emotion-cognition interaction in schizophrenia: effects of emotional interference on working memory
PI: Alan Anticevic; Mentor: Deanna M. Barch, Ph.D.
Total Project Cost: $25,000

MENTORED PROJECTS & AWARDS

2016-2018 NARSAD Young Investigator Award - Mentor on Project
Title: Characterizing Cognitive and Motivational Deficits in Schizophrenia
PI: Youngsun T. Cho, M.D., Ph.D. ; Mentor: Alan Anticevic, Ph.D.
Total Direct Costs: $35,000 year

2015-2017 Swiss National Science Foundation Post-Doctoral Fellowship
PI: Katrin Preller, Ph.D. Mentor: Alan Anticevic, Ph.D.
Total Direct Costs: $30,000 year

2016-2017 Bogue Research Fellowship - University of College London [Link]
PI: Rick Adams, Ph.D. Mentor: Alan Anticevic, Ph.D.
Project: Focus on modeling how alterations in synaptic gain in specific cell types affect working memory and how these alterations might be detected using EEG and fMRI.
Total Direct Costs: $10,000

2015-2017 Ruth L. Kirschstein National Research Service Award (NRSA) F30
Mentor on Project
Title: Modeling Neuronal Dysfunction in Schizophrenia to Predict Neuroimaging Biomarkers
PI: Genevieve Yang, MD/Ph.D. Candidate ; Mentor: Alan Anticevic, Ph.D.
Total Direct Costs: $50,000 year

2015-2016 Society for Biological Psychiatry Postdoctoral Travel Fellowship
Awardee: Joungsun Cho, M.D., Ph.D. ; Mentor: Alan Anticevic, Ph.D.

2015-2016 Society for Biological Psychiatry Predoctoral Travel Fellowship
PI: Genevieve Yang, MD/Ph.D. Candidate ; Mentor: Alan Anticevic, Ph.D.

2015-2017 NARSAD Young Investigator Award - Mentor on Project
Title: Excitatory/Inhibitory Imbalance in Autism and Early Course Schizophrenia
PI: Jenn Foss-Feig, Ph.D. ; Mentor: Alan Anticevic, Ph.D.
Total Direct Costs: $30,000 year

2013-2015 Detre Resident Award - Mentor on Project
PI: Youngsun Cho, M.D., Ph.D.
Mentor: Alan Anticevic, Ph.D.
Total Direct Costs: $30,000/year

PUBLICATIONS

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Google Scholar Profile | ***PubMed Listing***

1. **Anticevic A**, Murray JD. (2017). Rebalancing Altered Computations: Considering the Role of Neural Excitation and Inhibition Balance Across the Psychiatric Spectrum. *Biological Psychiatry,* 81(10):816-817.

2. Krystal, J.H., **Anticevic, A.**, Yang, G.J., Dragoi, G., Driesen, N.D., Wang, X-J., Murray, J.D. (2017). Impaired Tuning of Neural Ensembles and the Pathophysiology of Schizophrenia: A Translational and Computational Neuroscience Perspective. *Biological Psychiatry*, 81(10):874-885.

3. Foss-Feig JH, Adkinson BD, Ji JL, Yang G, Srihari VH, McPartland JC, Krystal JH, Murray JD, **Anticevic A**. (2017). Searching for Cross-Diagnostic Convergence: Neural Mechanisms Governing Excitation and Inhibition Balance in Schizophrenia and Autism Spectrum Disorders. *Biological Psychiatry*, 81(10): 848-861.

4. **Anticevic A**, Lisman J. (2017). How Can Global Alteration of Excitation/Inhibition Balance Lead to the Local Dysfunctions That Underlie Schizophrenia? *Biological Psychiatry*, 81(10):818-820.

5. Krystal JH, Murray JD, Chekroud AM, Corlett PR, Yang G, Wang XJ, **Anticevic A**. (2017). Computational Psychiatry and the Challenge of Schizophrenia. *Schizophrenia Bulletin. 2017 May 1;43(3): 473-475.*

6. **Anticevic A.** (2017). Understanding the role of thalamic circuits in schizophrenia neuropathology. *Schizophrenia Research*, 80:1-3.

7. Murray, J.D., & **Anticevic, A.*** (2017). Toward understanding thalamocortical dysfunction in schizophrenia through computational models of neural circuit dynamics. *Schizophrenia Research,* 180:70-77.

8. Starc, M., **Anticevic, A**., Repovs, G. (2017). Fine-Grain vs. Categorical: Pupil Size Differentiates Between Strategies for Spatial Working Memory Performance. *Psychophysiology,* 54(5):724-735.

9. Starc, M., Murray, J.D., Santamauro, N., Savic, A., Diehl, C., Cho, Y.T., Srihari, V., Morgan, P.T., Krystal, J.H., Wang, X-J., Repovs, G., **Anticevic, A.** (2017). Schizophrenia is associated with a pattern of spatial working memory deficits consistent with cortical disinhibition. *Schizophrenia Research*, 181:107-116.

10. Yang, G.J., Murray, J.D., Glasser, M., Pearlson, G.D., Krystal, J.H., Schleifer, C., Repovs, G., **Anticevic, A.** (2017). Altered Global Signal Topography in Schizophrenia. *Cerebral Cortex. [Epub ahead of print].*

11. Abdallah, C.G., Averill, L.A., Collins, K.A., Geha, P., Schwartz, J., Averill, C., DeWilde, K.E., Wong, E., **Anticevic, A.**, Tang, C.Y., Iosifescu, D.V., Charney, D.S., Murrough, J.W. (2016). Ketamine Treatment and Global Brain Connectivity in Major Depression. *Neuropsychopharmacology*.

12. Murrough, J.W., Abdallah, C.G., **Anticevic, A.**, Collins, K.A. Geha, P., Averill, L.A., DeWilde, K.E., Wong, E., Tang, C.Y., Krystal, J.H., Iosifescu, D.V., Charney, D.S. (2016). Reduced Global Functional Connectivity of the Medial Prefrontal Cortex in Major Depressive Disorder. *Human Brain Mapping. 37(9), 3214-23.*

13. Rich, A.M, Cho, Y.T., Tang, Y., Savic, A., Krystal, J.H., Wang, F., Xu, K. & **Anticevic, A.** (2016). Amygdala volumes differ between chronic, early course and individuals at risk for developing schizophrenia. *Psychiatry Research: Neuroimaging*. 250, 50-60.

14. Yang, G.J., Murray, J.D., Wang, X-J., Glahn, D.C., Pearlson, G.D., Repovs, G., Krystal, J.H., **Anticevic, A.** (2016). Functional Hierarchy Underlies Preferential Connectivity Disturbances in Schizophrenia. *Proceedings of the National Academy of Sciences*. 113(2), E219-28.

15. Cole, M.W., Yang, G.J., Murray, J.D., Repovs, G., & **Anticevic, A.** (In Press). Functional connectivity change as shared signal dynamics. *Journal of Neuroscience Methods*. 259, 22-39.

16. **Anticevic, A.**, Schleifer, C., Cho, Y.T. (2015). Emotional and cognitive dysregulation in schizophrenia and depression: understanding common and distinct behavioral and neural mechanisms. *Dialogues in Clinical Neuroscience*. 17, (4), 267-80.

17. **Anticevic, A.***, Haut, K.*, Murray, J.D., Repovs, G., Yang, G.J., Diehl, C., McEven, S.C., Bearden, C.E., Addington, J., Goodyear, B., Cadenhead, K.S., Mirzakhanian, H., Cornblatt, B.A., Olvet, D., Mathalon, D.H., McGlashan, T.H., Perkins, D.O., Belger, A., Siedman, L.J., Tsuang, M.T., van Erp, T.G.M., Walker, E., Hamann, S., Woods, S.W., Qiu, M., Cannon, T.D. (2015). Association of Thalamic Dysconnectivity and Conversion to Psychosis in Youth and Young Adults at Elevated Clinical Risk. *JAMA Psychiatry*. *denotes equal contribution. [PDF].

18. Buchy, L., Cannon, T., Anticevic, A., Lyngberg, K., Cadenhead, K.S., Cornblatt, B.A., McGlashan, T., Perkins, D., Seidman, L., Tsuang, M.T., Walker, E.F., Woods, S.W., Bearden, C.E., Mathalon, D.H., Addington, J. (2015). Evaluating the impact of cannabis use on thalamic connectivity in youth at clinical high risk of psychosis. BMC Psychiatry. *BMC Psychiatry*. 2015 Nov 9;15(1):276.

19. Krystal, J.H., & **Anticevic, A.** (2015). Toward illness phase-specific pharmacotherapy for schizophrenia. Biological Psychiatry. 78(11):738-40.

20. Foss-Feig, J.H., McPartland, J., **Anticevic, A.**, Wolf, J. (2016). Re-conceptualizing ASD within a dimensional framework: Positive, negative, and cognitive symptom clusters. *Journal of Autism and Developmental Disorders*.

21. Corbin, W.R., Papova, A., Morean, M.R., O'Malley, S.S., Krishnan-Sarin, S. Abi-Dargham, A., **Anticevic, A.**, Pearlson, G., Petrakis, I., Pittman, B.P., Krystal, J.H. (2015). Integrating Acquired Preparedness and Dual Process Models of Risk for Heavy Drinking and Related Problems. *Psychol Addict Behav*, 29(4): 864-74.

22. **Anticevic, A.**, Murray, J.D., & Barch, D.M. (2015). Bridging levels of understanding in schizophrenia through computational modeling. *Clinical Psychological Science. 3(3):433-459. PubMed PMID: 25960938; PubMed Central PMCID: PMC4421907.*

23. Gruner, P., **Anticevic, A.**, Lee, D., Pittenger, C. (2015). Arbitration between action strategies in obsessive-compulsive disorder. *The Neuroscientist*. 22(2):188-98. doi: 10.1177/1073858414568317. Epub 2015 Jan 20. Review. PubMed PMID: 25605642.

24. **Anticevic, A.**, Hu, X., Xiao, Y., Hu, Y., Li, F., Bi, F., Cole, M.W., Savic, A., Yang, G.J., Repovs, G., Murray, J.D., Wang, X-J., Huang, X., Lui, S., Krystal, J.H., Gong, Q. (2015). First-episode schizophrenia exhibits

elevated global prefrontal connectivity that changes longitudinally with symptoms. *Journal of Neuroscience*. 35(1):267-86. [PDF].

25. **Anticevic, A.**, Corlett, P.R., Cole, M.W., Savic, A., Gancsos, M., Tang, Y., Repovs, G., Murray, J.D., Driesen, N.D., Morgan, P.T., Xu, K., Wang, F., Krystal, J.H. (2014). Prefrontal connectivity under NMDA receptor antagonists better models early than chronic schizophrenia. *Biological Psychiatry*. [Epub ahead of print] [PDF].

26. Khadka M.S., Narayanan, B., Meda, S,A., Gelernter, J., Han, S., Sawyer, B., Aslanzadeh, F., Stevens, M.C., **Anticevic, A.**, Potenza, M.N., Pearlson, G.D. (2014). Genetic association of impulsivity in young adults: a multivariate study. *Translational Psychiatry*. [Epub ahead of print] [PDF].

27. Gasparovic, H., Kopjar, T., Rados, M., **Anticevic, A.**, Rados, M., Malojcic, B., Ivancan, V., Fabijanic, T., Cikes, M., Milicic, D., Gasparovic, V., Biocina, B. (2014). Impact of remote ischemic preconditioning preceding coronary artery bypass grafting on inducing neuroprotection (RIPCAGE): study protocol for a randomized controlled trial [NCT02177981]. Trials. 15:414. [Link].

28. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Altered global signal in schizophrenia. *Proceedings of the National Academy of Sciences*. 111(20), 7438-43. [PDF].

29. **Anticevic, A.**, Yang, G.J., Savic, A., Murray, J.D., Cole, M.W., Repovs, G., Pearlson, G.D., Glahn, D.C. (2014). Medio-dorsal and visual thalamic connectivity differ in schizophrenia and bipolar disorder with and without psychosis history. Invited article for special edition of *Schizophrenia Bulletin*. Focus on thalamic and cerebellar connectivity in schizophrenia. *Schizophrenia Bulletin*. [Epub ahead of print] [PDF].

30. Morean, M.E., DeMartini, K., Leeman, R.F., Pearlson, G.D., **Anticevic, A.**, Krystal, J.H., Krishnan-Sarin, S., & O'Malley, S.S. (2014). Psychometrically improved, abbreviated versions of three classic measures of impulsivity and self-control. *Psychological Assessment*. 26 (3), 1003–1020. [PDF].

31. Cole, M.W., Repovs, G., & **Anticevic, A.** (2014). The fronto-parietal control system: A central role in mental health. *Neuroscientist*. [Epub ahead of print] [PDF].

32. **Anticevic, A.**, Savic, A., Repovs, G., Yang, G., McKay, D.R, Sprooten, E., Knowles, E., Krystal, J.H. Pearlson, G.D., Glahn, D.C. Krystal, J.H., Pearlson, G.D., & Glahn, D.C. (2014). Ventral anterior cingulate connectivity distinguished non-psychotic bipolar illness from psychotic bipolar disorder and schizophrenia. *Schizophrenia Bulletin*. [Epub ahead of print] [PDF].

33. **Anticevic, A.***, Tang, Y.*, Cho, Y.T., Repovs, G., Cole, M.W., Savic, A., Wang, F., Krystal, J.H., & Xu, K. (2013) Amygdala connectivity at rest distinguishes between chronic, 1st episode and individuals at high risk for developing schizophrenia. *Denotes Equal Contribution. *Schizophrenia Bulletin*. [PDF].

34. **Anticevic, A.**, Cole, M.W., Repovs, G., Savic, A., Driesen, N.R., Yang, G., Cho, Y.T., Murray, J.D., Glahn, D.C., Wang, X-J. and Krystal, J.H. (2013) Connectivity, pharmacology, and computation: toward a mechanistic understanding of neural system dysfunction in schizophrenia. Front. Psychiatry 4:169. doi: 10.3389/fpsyt.2013.00169 [PDF].

35. **Anticevic, A.**, Hu, S., Zhang, S., Savic, A., Billingslea, E., Wasylink, S., Repovs, G., Cole, M.W., Bednarski, S., Krystal, J.H., Bloch, M.B., Li, R.C-S., Pittenger, C. (2013). Global resting-state fMRI

analysis identifies frontal cortex, striatal, and cerebellar dysconnectivity in obsessive-compulsive disorder. *Biological Psychiatry*. 75(8):595-605. [PDF]

36. Esterlis, I., Bois, F., Pittman, B., Picciotto, M.R., Shearer, L., Carlson, J., Niciu, M., Pittenger, C., **Anticevic, A.**, Cosgrove, K.P., D'Souza, C. (2013). In vivo evidence for $\beta 2^{\star}$-nAChR upregulation in smokers as compared to nonsmokers with schizophrenia. *Biological Psychiatry*. 76(6):495-502. [PDF]

37. **Anticevic, A.**, Cole, M.W., Repovs, G., Murray J.D., Brumbaugh, M.S., Winkler, A.M., Savic, A., Krystal, J.H., Pearlson, G.D., & Glahn, D.C. (2013). Characterizing thalamo-cortical disturbances in schizophrenia and bipolar illness. *Cerebral Cortex.* [Epub ahead of print] [PDF]

38. Cole, M.W., Reynolds, J.R., Bassett, D., Power, J.D., Repovs, G., **Anticevic, A.**, Braver, T.S. (2013). Multi-task connectivity reveals flexible hubs for adaptive task control. *Nature Neuroscience.* 16(9): 1348-55. [PDF]

39. Driesen, N.R., McCarthy, G., Bhagwagar, Z., Bloch, M.H., Calhoun, V., D'Souza, D.C., Gueorguieva, R., He, G., Leung, H-C., Ramachandran, R., **Anticevic, A.,** Suckow, R., Morgan, P.T., & Krystal, J.H. (2013). The impact of NMDA receptor blockade on human working memory-related prefrontal function and connectivity. *Neuropsychopharmacology*. 38(13):2613-22. [PDF].

40. Driesen, N.R., McCarthy, G., Bhagwagar, Z., Bloch, M.H., Calhoun, V., D'Souza, D.C., Gueorguieva, R., He, G., Leung, H-C., Ramachandran, R., Suckow, R., **Anticevic, A.,** Morgan, P.T., & Krystal, J.H. (2013). Relationship of resting brain hyperconnectivity and schizophrenia-like symptoms produced by the NMDA receptor antagonist ketamine in humans. *Molecular Psychiatry.* 18(11):1199-204. [PDF]

41. Murray, J.D., **Anticevic, A.**, Gancsos, M., Ichinose, M., Corlett, P.R., Krystal, J.H., & Wang, X.J. (2014). Linking microcircuit dysfunction to cognitive impairment: effects of disinhibition associated with schizophrenia in a cortical working memory model. *Cerebral Cortex.* 24(4), 859-72. [PDF]

42. **Anticevic, A.**, Cole, M.W., Murray, J.D., Corlett, P.R., Wang, X-J., & Krystal, J.H. (2012). The role of default network deactivation in cognition and disease. *Trends in Cognitive Sciences*. 16(12):584-92. [PDF]

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INVITED COMMENTARIES

- Toward neurobiologically grounded psychiatric neuroimaging: Weinberger & Radulescu, 2015. 22 September 2015. Schizophrenia Research Forum. (Link).
- Specific disruption of thalamic inputs to the auditory cortex in schizophrenia models: Chun S. et al., 2014. 10 June 2014. Schizophrenia Research Forum.
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1. Helmer, M., Burt, J.B., Demirtas, M., Schleifer, C.H., Adkinson, B.,A. Ji, L., **Anticevic, A.**, Murray, J.D. (2017). Relationships between MEG and BOLD resting-state connectivity: Insights from computational modeling. *Annual meeting for the Society for Neuroscience (SfN)*; November 2017.
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59. **Anticevic, A.**, Xu, J., Repovs, G., Glasser, M., Van Essen, D.C., Poldrack, R., McKay, D.R., Sprooten, E., Diehl, C., Santamauro, N., Frangou, S., Glahn, D.C. (2015). Harmonizing clinical connectomics: Focus on the Human Connectome approach. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2015.

60. Foss-Feig, J.H., Naples, A., Levy, E., Tillman, R., Reuman, H., Law, K., Srihari, V., **Anticevic, A.**, McPartland, J. (2015). Dissociating neural response to gaze cues in ASD and schizophrenia using simulated face-to-face interaction. Presented at the annual meeting for Autism Research; May 2015.

61. Levy, E., Naples, A., Foss-Feig, J.H., Tillman, R., Reuman, H., Law, K., Srihari, V., **Anticevic, A.**, McPartland, J. (2015). Eye gaze and ERP correlates of emotion processing across adults with ASD and schizophrenia. Presented at the annual meeting for Autism Research; May 2015.

62. Abdallah, C.G., Averill, L., Geha, P., Collins, K.A., Wong, E., Tang, C.Y., **Anticevic, A.**, Murrough, J. (2014). Long-Range prefrontal cortex dysconnectivity in major depressive disorder. Presented at the annual meeting of American College of Neuropsychopharmacology; December 2014.

63. Cadenhead, K., **Anticevic, A.**, Addington, J., Bearden, C., Cornblatt, B., Mathalon, D., McGlashan, T., Perkins, D., Seidman, L., Walker, E., Woods, S., Cannon, T. (2014). Slow information processing and thalamo-cortical dysconnectivity are associated in clinical high risk subjects who convert to psychosis: Findings from the North American prodrome longitudinal studies. Presented at the annual meeting of American College of Neuropsychopharmacology; December 2014.

64. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Glahn, D.C., Krystal, J.H., Pearlson, D.G., **Anticevic, A.** (2014). Associative network desegregation in schizophrenia relates to thalamic filtering deficit. Presented at the annual meeting of *Translational Neuroscience: SfN Satellite Meeting*; Fall 2014.

65. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Glahn, D.C., Pearlson, D.G., Krystal, J.H., **Anticevic, A.** (2014). Associative network desegregation in schizophrenia relates to thalamic filtering deficit. Presented at the annual meeting of *Fourth Biennial Conference on Resting State / Brain Connectivity*; Fall 2014.

66. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2015). Neuropsychiatric biomarkers hidden in global signal: focus on schizophrenia and bipolar illness. Yale NeuroDay Poster Presentation; Aug 2014.

67. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Neuropsychiatric biomarkers hidden in global brain signal: Focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Fourth Biennial Conference on Resting State / Brain Connectivity.* Fall 2014.

68. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Neuropsychiatric biomarkers hidden in global brain signal: Focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Society for Neuroscience*; Fall 2014.

69. Averill, L.A., DellaGioia, N., Trejo, M., Williams, W., Pietrzak,R.H., **Anticevic, A.**, Rothman, D.L., Krystal, J.H., Sanacora, G., Esterlis, I., Abdallah, C.G.. (2014). Examining The Pro-Cognitive Effects of Ketamine and Underlying Neurocircuitry in Subjects with MDD as Assessed by fMRI and Neuropsychological Testing. Presented at the American Society of Clinical Psychopharmacology.

70. Cole, M.W., Yang, G.J., Murray, J.D., Repovs, G., & **Anticevic, A.** (2014). Focused characterization of shared signal improves estimation of brain network dynamics. Presented at the annual meeting of *Society for Neuroscience*; Fall 2014.

71. Murray, J.D., **Anticevic, A.**, Wang, X-J. (2014). Computational psychiatry and cognitive deficits in schizophrenia. 10th International Workshop on Computational Psychiatry: Omics of schizophrenia – a systematic multi-level view. Ludwig-Maximilians-University, Dept. of Psychiatry and Psychotherapy. Munich, Germany. May 9-10, 2014.

72. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Neuropsychiatric biomarkers hidden in global brain signal: Focus on schizophrenia and bipolar illness. Yale Md/PhD Poster Presentation; March 2014.

73. **Anticevic, A.**, Haut, K., Cole, M.W., Repovs, G., Yang, G., Jacobson-McEwen, S., Cannon, T.D., NAPLS Consortium (2014). Thalamic Dysconnectivity Predicts Risk for Conversion to Schizophrenia. Accepted at the annual meeting of *Society for Biological Psychiatry*; May 2014.

74. **Anticevic, A.** (2014). Characterizing Cortical Circuit Deficits in Schizophrenia via Neuroimaging, Pharmacology & Computation. 2014 YCCI Annual Poster Presentation Session.

75. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Neuropsychiatric biomarkers hidden in global brain signal: Focus on schizophrenia and bipolar illness. Presented at the annual recruitment meeting for the *Yale University Interdepartmental Neuroscience Program Recruitment Poster Session*; January 2014.

76. Murray, J.D., **Anticevic, A.**, Krystal, J.H.. & Wang, X-J. (2014). Abnormal excitatory-inhibitory interplay at local and large scales associated with schizophrenia. Presented at the Computational and Systems Neuroscience (Cosyne) 2014 Meeting.

77. Starc, M., Murray, J.D., Santamauro, N., Repovs, G., Savic, A., Srihari, V., Wang, X-J., Krystal, J.H., **Anticevic, A.** (2014). Disinhibition as a Model of Spatial Working Memory Deficits in Schizophrenia. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2014.

78. Yang, J.G., Murray, J.D., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Pittenger, C., Krystal, J.H., Wang, X-J. Pearlson, D.G., Glahn, D.C., **Anticevic, A.** (2014). Neuropsychiatric biomarkers hidden in global brain signal: Focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2014.

79. **Anticevic, A.**, Hu, X., Xiao, Y., Hu, Y., Li, F., Bi, F., Cole, M.W., Savic, A., Yang, G.J., Repovs, G., Murray, J.D., Wang, X-J., Huang, X., Lui, S., Krystal, J.H., Gong, Q. (2014). Early Course Medication Naïve Schizophrenia is Associated with Elevated Global Prefrontal Connectivity. Accepted at the annual meeting of *Society for Biological Psychiatry*; May 2014.

80. **Anticevic, A.**, Corlett, P.R., Cole, M.W., Savic, A., Gancsos, M., Tang, Y., Repovs, G., Murray, J.D., Driesen, N.D., Morgan, P.T., Xu, K., Wang, F., Krystal, J.H. (Accepted). NMDA Receptor Antagonist Effects on Prefrontal Cortical Connectivity Better Model Early Than Chronic Schizophrenia. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2014.

81. Yang, G., Repovs, G., Cole, M.W., Savic, A., Glasser, M., Krystal, J.H., Murray, J.D., **Anticevic, A.** (2014). Global signal in neuropsychiatric disease: Focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Cognitive Neuroscience Society*; April 2014.

82. Morean, M.E., DeMartini, K., Leeman, R.F., Pearlson, G.D., **Anticevic, A.**, Krystal, J.H., Krishnan-Sarin, S., & O'Malley, S.S. (2013). Brief is best: Psychometrically improved, abbreviated versions of three classic measures of impulsivity and self-control. Additive Behaviors Special Interest Group Exposition at the 47th annual meeting of the *Association for Behavioral and Cognitive Therapies*, November, 2013.

83. **Anticevic, A.**, Murray, J.D., Cole, M.W., Repovs, G., Savic, A., Wang, X-J., Krystal, J.H., Pearlson, G.D., Glahn, D.C. (2013). Connectivity, pharmacology and computation: Towards a mechanistic understanding of schizophrenia. The 3rd Annual *NIH Director's Early Independence Award (EIA) Symposium*; Dec. 2013.

84. **Anticevic, A.**, Murray, J.D., Repovs, G., Starc, M., Santamauro, N., Savic, A., Srihari, V., Wang, X-J., Krystal, J.H. (Submitted). Integrating pharmacology and computation: Towards understanding mechanisms of cognitive and connectivity deficits in Schizophrenia. Submitted to the *4th Biennial Schizophrenia International Research Conference*; April 2014.

85. Starc, M., Murray, J.D., Santamauro, N., Savic, A., Wang, X-J., **Anticevic, A.** (2013). Disinhibition as a model of spatial working memory deficits in schizophrenia – preliminary findings. Presented at the annual meeting of *the* Federation of European Neurosciences - *SINAPSA Regional Meeting*; September 2013.

86. **Anticevic, A.** Hu, S., Zhang, S., Gruner, P., Savic, A., Billingslea, E., Wasylink, S., Repovs, G., Cole, M.W., Bednarski, S., Krystal, J.H., Bloch, M.B., Li, R.C-S., Pittenger, C. (2013). Global resting-state fMRI analysis identifies frontal cortex, striatal, and cerebellar dysconnectivity in obsessive-compulsive disorder. Presented at the annual meeting of *Academy of Neuropsychopharmacology*; Fall 2013.

87. Starc, M., **Anticevic, A.**, & Repovs, G. (2013). The effect of valence on spatial working memory. Submitted to the annual meeting of *the* Federation of European Neurosciences - SINAPSA Regional Meeting; September 2013.

88. **Anticevic, A.**, Murray, J.D., Repovs, G., Krystal, J.H., & Wang, X.J. (2013). Affective and task-relevant interference differentially impact working memory activity: a computational neuroimaging investigation. Presented at the annual meeting of *Society for Neuroscience*; November 2013.

89. Michael W., Schlund, M.W., Ladouceur, C.D., **Anticevic, A.**, Barch, D.M., Magee, S., Cataldo, M.F. (2013). Neuroimaging attentional control in adolescents: modulation of activation over time by emotional distractors and reinforcement. Presented at the annual meeting of *Society for Neuroscience*; November 2013.

90. Krystal, J.H., **Anticevic, A.**, Corlett, P.R., Driesen, N.R., Murray, J.D., Wang, X.J. (2013). Glutamate circuit dysfunction and schizophrenia: Insight from Ketamine. Presented at the *11th World Congress of Biological Psychiatry*; June 2013.

91. **Anticevic, A.**, Cole, M.W., Repovs, G., Murray J.D., Brumbaugh, M.S., Winkler, A.M., Savic, A., Krystal, J.H., Pearlson, G.D., & Glahn, D.C. (2013). Mapping thalamo-cortical function in neuropsychiatric illness: focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Human Brain Mapping*; June 2013.

92. Driesen, N.R., McCarthy, G., Bhagwagar, Z., Bloch, M.H., Calhoun, V., D'Souza, D.C., Gueorguieva, R., He, G., Leung, H-C., Ramachandran, R., Suckow, R., **Anticevic, A.,** Morgan, P.T., & Krystal, J.H. (2013). NMDA receptor antagonist ketamine reduces prefrontal activation and connectivity. Presented at the annual meeting of *Human Brain Mapping*; June 2013.

93. **Anticevic, A.**, Repovs, G., Savic, A., Li, C-S.R., & Pittenger, C. (2013). Analysis of global connectivity in OCD identifies frontal, stratal, and cerebellar nodes of network dysconnectivity. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2013.

94. **Anticevic, A.**, Murray, J.D., Wang, X-J., Corlett, P.R., & Krystal, J.H. (2013). Towards a mechanistic understanding of cognitive disturbances in schizophrenia. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2013. he annual meeting of *Society for Biological Psychiatry*; May 2013.

95. **Anticevic, A.***, Xu, K.*, Repovs, G., Savic, A., Tang, Y., Krystal, J.H., Wang, F. (2013) Amygdala Connectivity at Rest Distinguishes Between Chronic, 1st Episode and individuals at High Risk for Developing Schizophrenia. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2013.

96. **Anticevic, A.**, Cole, M.W., Repovs, G., Murray J.D., Brumbaugh, M.S., Winkler, A.M., Savic, A., Krystal, J.H., Pearlson, G.D., & Glahn, D.C. (2013). Thalamo-cortical connectivity disturbances in schizophrenia

and bipolar illness: Evidence for Functionally Related Sensory and Prefrontal Disturbances. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2013.

97. Krystal, J.H., Driesen, N.R., Corlett, P.R., **Anticevic, A.**, Cavus, I., Murray, J.D., Stone, J., D'Souza, D. C. (2013). From glutamate synaptic dysfunction to putative pharmacotherapies for schizophrenia. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2013.

98. **Anticevic, A.**, Murray J.D., Gancsos, M., Ichinose, M., Corlett, P.R., Wang, X-J., & Krystal, J.H. (2013). Elucidating mechanisms of cognitive impairment in schizophrenia via pharmacological neuroimaging and computational modeling. Presented at the annual meeting of *International Congress for Schizophrenia Research*; April 2013.

99. **Anticevic, A.**, Cole, M.W., Repovs, G., Murray J.D., Brumbaugh, M.S., Winkler, A.M., Savic, A., Krystal, J.H., Pearlson, G.D., & Glahn, D.C. (2013). Elucidating thalamo-cortical function through the lens of psychopathology: focus on schizophrenia and bipolar illness. Presented at the annual meeting of *Cognitive Neuroscience Society*; April 2013.

100. **Anticevic, A.** (2012). Characterizing Cognitive Impairment in Schizophrenia via Computational Modeling and Pharmacological Neuroimaging. The 2nd Annual NIH Director's Early Independence Award (EIA) Symposium; Dec. 2012.

101. Starc, M., **Anticevic, A.**, & Repovs, G. (2012). The effect of negative valence on spatial working memory – preliminary findings. Presented at the annual meeting of *European Science Foundation - The Neurobiology of Emotion*; November 2012.

102. Driesen, N.R., McCarthy, G., Bhagwagar, Z., Bloch, M.H., Calhoun, V., D'Souza, D.C., Gueorguieva, R., He, G., Leung, H-C., Ramachandran, R., Suckow, R., **Anticevic, A.,** Morgan, P.T., & Krystal, J.H. (2012). NMDA-receptor antagonist ketamine induces brain hyperconnectivity at rest. Presented at the annual meeting of *American College of Neuropsychopharmacology*; December 2012.

103. Murray J.D., **Anticevic, A.**, Corlett, P.R., Krystal, J.H., & Wang, X-J. (2012). Effects of disinhibition in a cortical working memory circuit with relevance to schizophrenia. Presented at the annual meeting of *Society for Neuroscience*; October 2012.

104. **Anticevic, A.**, Gancsos, M., Murray, J. D., Repovs, G., Driesen, N.R., Ennis, D.J., Niciu, M.J., Morgan, P.T., Surti, T., Smith, M., Wang, X-J., Krystal*, J.H., & Corlett*, P.R. (2012). NMDA receptor antagonism disrupts anti-correlated neural systems: implications for cognition and schizophrenia. Presented at the annual meeting of *Society for Neuroscience*; October 2012.

105. Starc, M., **Anticevic, A.**, & Repovs, G. (2012). The effect of emotional salience on spatial working memory – preliminary findings. Submitted to *10th Alps-Adria Psychology Conference* in Lignano Sabbiadoro (Italy).

106. Murray J.D., **Anticevic, A.**, Corlett, P.R., Krystal, J.H., & Wang, X-J. (2012). Effects of disinhibition in a cortical working memory circuit with relevance to schizophrenia. *Towards Mathematical Modeling of Neurological Disease from Cellular Perspectives: Schizophrenia Workshop. Fields Institute for Research in Mathematical Sciences*, University of Toronto. June 2012.

107. **Anticevic, A.**, Brumbaugh, M.S., Lombardo, L.E., Barrett, J., Repovs, G., Winkler, A.M., Krystal, J.H. & Glahn, D.C. (2012). Abnormalities in resting-state amygdala connectivity in bipolar I disorder with and without Psychosis. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2012.

108. **Anticevic, A.**, Gancsos, M., Morgan, P.T., Niciu, M.J., Driesen, N. R., Ennis, D., Smith, M., Repovs, G., Krystal*, J.H. & Corlett*, P.R. (2012). N-Methyl-D-Aspartate antagonism disrupts task-induced activation and default-system suppression during working memory: implications for cognition and schizophrenia . Presented at the annual meeting of *Society for Biological Psychiatry*; May 2012. *shared senior authorship.

109. Corlett, P.R., **Anticevic, A.**, Gancsos, M., Morgan, P.T., Ennis, D., Smith, M. & Krystal, J.H. (2012). Glutamate and psychosis: mGluR modulation restores ketamine induced dysconnectivity and attenuates aberrant salience. Presented at the annual meeting of *Society for Biological Psychiatry*; May 2012.

110. **Anticevic, A.**, Murray, J.D., Corlett, P.R., Wang, X.J., Barch, D.M., & Krystal, J.H. (2012). Understanding working memory function through psychopathology: focus on schizophrenia and computational modeling. Presented to annual meeting of *Cognitive Neuroscience Society*; March 2012.

111. **Anticevic, A.**, Repovs, G., & Barch, D.M. (2011). Working memory encoding and maintenance deficits in schizophrenia: neural evidence for activation and deactivation abnormalities. Presented at annual meeting of *Society for Neuroscience*; November 2011.

112. Glahn, D.C., **Anticevic, A.**, Brumbaugh, M.S., Lombardo, L.E., Barrett, J., Gruber, J., Corlett, P.R., Repovs, G., & Winkler, A.M. (2011). Prefrontal dysconnectivity in bipolar I disorder. Presented at annual meeting of *Society for Biological Psychiatry*; May 2011.

113. **Anticevic, A.**, Repovs, G., Corlett, P.R., & Barch, D.M. (2011). Neural correlates of emotional and non-emotional interference on working memory in schizophrenia. Presented at annual meeting of *Society for Biological Psychiatry*; May 2011.

114. Repovs, G., **Anticevic, A.**, Cole, M.W., & Barch, D.M. (2011). Simulated comparisons of slow and rapid event-related task-based functional connectivity. Presented at annual meeting of *Society for Biological Psychiatry*; May 2011.

115. Van Snellenberg, J.X., & **Anticevic, A.** (2011). Amygdala recruitment in schizophrenia in response to aversive emotional material: a meta-analysis of neuroimaging studies. Presented at annual meeting of *Society for Biological Psychiatry*; May 2011.

116. **Anticevic, A.**, Repovs, G., Corlett, P.R., & Barch, D.M. (2010). Emotion-cognition interaction in schizophrenia: effects of emotional distraction on delayed working memory and during conditions of minimal cognitive demand. Presented at annual meeting of *Society for Neuroscience*; November 2010.

117. Cole, M.W., **Anticevic, A.**, Repovs, G., & Barch., D.M. (2010). Locus of dysconnectivity: dorsolateral prefrontal connectivity correlates with the cardinal symptoms of schizophrenia. Presented at the *Gordon Research Conference: Neurobiology and Cognition*; July 2010

118. **Anticevic, A.**, Repovs, G., Braver, T.S., & Barch, D.M. (2010). Emotional processing in schizophrenia: amygdala recruitment under conditions of minimal cognitive demand. Presented at the annual meeting of *Society for Human Brain Mapping*; June 2010.

119. Repovs, G., **Anticevic, A.**, & Barch, D.M. (2010). Functional connectivity changes in schizophrenia between and within three key brain networks .Presented at the annual meeting of *Society for Human Brain Mapping*; June 2010.

120. Dierker, D., Harwel, J., Coalson, T., **Anticevic, A.**, Cooper, J., & Van Essen, D.C. (2010). Pipeline for automated registration of freesurfer surfaces to the PALS-B12 human atlas. Presented at the annual meeting of *Society for Human Brain Mapping*; June 2010.

121. Repovs, G., **Anticevic, A.**, Shulman, G.L., & Barch, D.M. (2009). Working memory systems at encoding and interference control. *Slovenian Neuroscience Association Conference*; October 2009.

122. **Anticevic, A.**, Repovs, G., Braver, T.S., & Barch, D.M. (2009). Prefrontal cortex involvement in resisting emotional distraction. Presented at the annual meeting of *Society for Neuroscience*; October 2009.

123. **Anticevic, A.**, Repovs, G., Staplins, J.L., Benesch, T.D., Braver, T.S., & Barch, D.M. (2009). Brain regions involved in resisting emotional distraction. Presented at the annual meeting of *Cognitive Neuroscience Society*; March 2009.

124. **Anticevic, A.**, Repovs, G., Shulman, G.L., & Barch, D.M. (2008). When less is more: proactive TPJ deactivation protects working memory from distraction. Presented at Alumni Event - *Preparing Minds to Explore the Brain: New Pathways for Educating Brain Scientists of Tomorrow;* October 2008.

125. **Anticevic, A.**, Repovs, G., Shulman, G.L., & Barch, D.M. (2008). When less is more: proactive TPJ deactivation protects working memory from distraction. Presented at annual meeting of *Society for Neuroscience*; October 2008.

126. **Anticevic, A.**, Repovs, G., Staplins, J.L., Benesch, T.D., Braver, T.S., & Barch, D.M. (2008). Emotion-cognition interaction: working memory and transient emotional interference. Presented at annual meeting of *Cognitive Neuroscience Society*; April 2008.

127. **Anticevic, A.**, Repovs, G., Staplins, J.L., Benesch, T.D., Braver, T.S., & Barch, D.M. (2007). Role of temporo-parietal junction in emotional processing. Presented at annual meeting of *Society for Neuroscience*; November 2007.

128. **Anticevic, A.**, Dierker, D., Gillespie, S.K., Wang, L., Van Essen, D.C., Csernansky, J.G., & Barch, D.M. (2007). Surface-based functional neuroimaging of working memory in schizophrenia. Presented at annual meeting of *Society for Human Brain Mapping*; June 2007.

129. Gillespie, S.K., Dierker, D., **Anticevic, A.**, Wang, L., Van Essen, D.C., Csernansky, J.G., & Barch, D.M. (2007). A bilateral cortical shape abnormality in schizophrenia. Presented at annual meeting of *Society for Human Brain Mapping*; June 2007.

130. **Anticevic, A.**, Dierker, D., Gillespie, S.K., Van Essen, D.C., Csernansky, J.G., & Barch, D.M. (2007). Cortical surface-based analyses in functional neuroimaging: focus on working memory in schizophrenia. Presented at annual meeting of *Cognitive Neuroscience Society*; May 2007.

131. **Anticevic, A.**, & Barch, D.M. (2006). Working memory and mood induction in schizophrenia. Presented at annual meeting of Society for *Research in Psychopathology*; October 2006.

132. **Anticevic, A.**, Aikins, D.E., & Kiehl, K.A. (2006). Modulation of brain activity by signaling pictorial valence. Presented at annual meeting of *Cognitive Neuroscience Society*; April 2006.

133. Low, A., Lang, P.J., **Anticevic, A.**, & Smith, C.J. (2005). The defense cascade – animal model & human experience. Presented at annual meeting for *College of Public Health and Health Professions; 18th annual research fair;* March 2005.

134. Sanders, B.J., & **Anticevic, A.** (2004). Maternal separation increases stress-induced c-Fos expression in borderline hypertensive rats. Presented at annual meeting of *Society for Neuroscience*; November 2004.

135. Aikins, D.E., O'Keefe, T., **Anticevic, A.**, & Kiehl, K.A. (2004). Implicit associative learning for affective materials. Presented at annual meeting of *Cognitive Neuroscience Society*; April 2004.

136. Kobsa, S., Sanders, B.J., **Anticevic, A**., & Dale, D. (2003). Central effects of early experience in the borderline hypertensive rat. Presented at annual meeting of *International Behavioral Neuroscience Society*; April 2003.

137. Kobsa, S., & **Anticevic, A.** (2002). Choose your mother carefully: how early experience can shape the biology and behavior. Presented at *National Honors Council Conference*; October 2002.

138. Sanders, B.J., Kobsa, S., **Anticevic, A.,** & Dale, D. (2002). The effect of early experience on cardio-behavioral responses in borderline hypertensive rats. Presented at *Developmental Psychobiology;* October 2002.

139. Sanders, B.J., Hurst, B.A., & **Anticevic, A.** (2001). Effects of gestational exercise on blood pressure and behavior in the borderline hypertensive rat. Presented at *Developmental Psychobiology;* October 2001.

CONFERENCE SYMPOSIA

Society for Biological Psychiatry (SOBP)
Individual variation in neuropsychiatric disease and functional connectivity.
Symposium Co-Chairs: Alan Anticevic & Philip Corlett. May 2011.
Speakers: Bharat Biswal, Alan Anticevic, Philip Corlett & Andreas Meyer-Lindenberg

International Congress on Schizophrenia Research (ICOSR)
The Cognitive and Affective Neuroscience of Psychotic Symptoms
Symposium Co-Chairs: Alan Anticevic & Deanna M. Barch. April 2013.
Speakers: Alan Anticevic, Deanna Barch, Philip Corlett & Judy Ford

Harmonizing Studies of the Psychosis Prodrome: Toward the Validation of Biomarkers for Clinical Trials
Symposium Chairs: Tom Insel & Steve Hyman
Risk Prediction – Tools and Technologies
Speakers: Alan Anticevic, Steve McCaroll, Larry Seidman, Phillip McGuire, Dan Mathalon, & Matcheri Keshavan
Talk title: *Definining Neuroimaging Biomarkers for Schizophrenia*

Schizophrenia International Research Society (SIRS)
Title: Schizophrenia Research: The Challenge of Measurement Variability
Standardization of Magnetic Resonance Imaging Approaches in Neuropsychiatric Illness: Challenges and Opportunities

Speakers: Janet Williams, IIan Rabiner, Alan Anticevic, Matcheri Keshavan

Society for Biological Psychiatry (SOBP)
Translational Studies of Functional Connectivity in Schizophrenia: Focus on Pharmacological, Resting-state & Task-based Neuroimaging Approaches
Symposium Co-Chairs: Alan Anticevic & Neil Woodward, May 2014.
Speakers: Alan Anticevic, Neil Woodward, Alex Fornito & Deanna Barch

Eastern Psychological Association (EPA)
Towards a Biopsychosocial Understanding of the Development of Brain Alterations in the Risk for Schizophrenia
Symposium Chair: Larry Seidman
Speakers: Alan Anticevic, Larry Seidman & Deborah J. Walder

12th World Congress of Biological Psychiatry (WSFP)
Computational, Cognitive and Pharmacological Connectomics: Towards Understanding Mechanisms of Psychosis
Symposium Chair: Alan Anticevic
Speakers: Alan Anticevic, Deanna Barch, Tyrone Cannon & Peter Uhlhaas

Society for Biological Psychiatry (SOBP)
Risk Factors for Schizophrenia: Integrating Insights From Studies of Youth at Clinical or Genetic High Risk
Symposium Chair: Wendy Kates
Speakers: Alan Anticevic, Carrie Bearden, Raquel Gur & Wendy Kates

Society for Biological Psychiatry (SOBP)
Homeostatic Mechanisms and the Progression of Schizophrenia
Symposium Chair: Alan Anticevic & John H. Krystal
Speakers: Alan Anticevic, David Lewis, Steven Siegel & Graeme Davis

Anxiety and Depression Association of America (ADAA)
Network Science Approaches for Understanding Affective Disorders and Their Treatment
Symposium Chair: Amit Atkin
Speakers: Alan Anticevic, Amit Atkin & Conor Liston

Cognitive Neuroscience Society (CNS)
Title: 20 years of resting-state: contributions to understanding cognition
Linking Cognitive Task-based and Resting-state Approaches via Computational Modeling to Understand Psychiatric Illness
Symposium Chair: Bharat Biswall
Speakers: Bharat Biswall, Michael Cole, & Alan Anticevic

American Psychiatric Association (APA)
Title: The Schizophrenia Syndrome 2016: New Insights and Emerging Breakthroughs
Aberrant Neural Connectomics in the Prodrome Precede the Onset of Psychosis
Speakers: Rajiv Tandon, Henry Nasrallah, Alan Anticevic, Matcheri Keshavan

Society for Biological Psychiatry (SOBP)
Title: Mapping cortical and thalamic dysconnectivity in schizophrenia via neuroimaging, pharmacology & computation
Computational Biomarkers in Schizophrenia: Leveraging Electrophysiology and Neuroimaging to Validate Mechanism

Symposium Co-Chairs: Alan Anticevic & John Murray
Speakers: John Murray, Kevin Spencer, Fabio Farrarelli, & Alan Anticevic

Society for Biological Psychiatry (SOBP)
Title: Schizophrenia through fMRI's Prism: Brain Network Dysfunction and the Pathophysiology of the Illness
Symposium Chair: Ivy Tso
Speakers: Ivy Tso, Florian Schlagenhauf, Vaibhav Diwadkar, & Alan Anticevic

NIMH Computational Psychiatry Workshop
Charge led by Dr. Joshua Gordon
Title: Opportunities and Challenges for the Future Workshop
Role: Invited Participant and Discussion Moderator

SfN Symposium - Computational Psychiatry: Multi-scale Models of Mental Illnesses
Title: Leveraging Pharmacological Manipulations to Develop Psychiatric Neuroimaging Markers
Symposium Chair: Michele Ferrante
Speakers: Alan Anticevic, John Krystal, John Murray, Xiao-Jing Wang

SfN Panel - Biomarkers for Schizophrenia
Title: Diagnostic and Subtyping Biomarkers
Symposium Chair: John Krystal
Speakers: Alan Anticevic, John Krystal, Carrie Bearden, Anissa Abi-Dargham

WPA XVII World Congress of Psychiatry, Berlin 2017
Title: Schizophrenia and Adolescence: Contribution and Mechanisms of Late Developmental Disturbances towards Expression of Psychosis and Cognitive Deficits
Symposium Chair: Peter Uhlhaas
Speakers: Peter Uhlhaas, Guillermo Gonzalez, Nitin Gogtay, Alan Anticevic

WPA XVII World Congress of Psychiatry, Berlin 2017
Title: Leveraging Pharmacological Manipulations to Develop Psychiatric Neuroimaging Markers
Symposium Chair: Alan Anticevic
Speakers: Peter Uhlhaas, Katrin Preller, John Krystal, Alan Anticevic

CONFERENCES CO-ORGANIZED

NIAAA Directors Meeting held at Yale University
Title: *Translational Perspective on Alcohol Vulnerability Across Levels of Inquiry*
Conference Co-Organizer with Dr. John H. Krystal
Yale University

3rd International Conference on Applications of Neuroimaging to Alcoholism (ICANA-3)
Conference Co-Organizer with Dr. John H. Krystal (Link)
Yale University

2015 Human Connectome Project (HCP) Course (Link)

Title: *Exploring the Human Connectome*
Course Speaker & Tutor

2016 Human Connectome Project (HCP) Course (Link)
Title: *Exploring the Human Connectome*
Course Speaker & Tutor

2017 Human Connectome Project (HCP) Course (Link)
Title: *Exploring the Human Connectome*
Course Speaker & Tutor

INVITED TALKS & PRESENTATIONS

1. 2017 Human Connectome Project (HCP) Course Invited Lecture. Exploring the Human Connectome. *Adapting HCP Approaches to Study Brain Disorders*. June 2017.
2. NIH Common Fund: 2016 High-Risk, High-Reward Research Symposium. Developing Mechanistically-informed Neuroimaging Markers for Mental Illness via Pharmacology & Computation. December, 2016.
3. Developing Mechanistically-informed Neuroimaging Markers for Schizophrenia via Pharmacology & Computation. Sackler Institute Science Seminar Series. Weill Cornell Medical College. Feil Family Brain and Mind Research Institute. September 2016.
4. Understanding the Clinical Connectome: Application of HCP Methods to Neuropsychiatric Illness. *Exploring the Human Connectome 2016* - HCP Course Presentation.
5. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY) Neuroimaging Task force presentation. 2nd HARMONY Conference. King's College London.
6. UCLA Neuroimaging Affinity Group Seminar Series. November, 2016.
7. Workshop on Convergent Neuroscience at the University of California, San Francisco (UCSF) on Friday, December 16, 2016.
8. Cold Spring Harbor Laboratory Course on Schizophrenia. Organizers: Dr. Anissa Abi Dargham, Dr. Jeremy Hall & Dr. Akira Sawa. June, 2016.
9. 201 Human Connectome Project (HCP) Course Invited Lecture. Exploring the Human Connectome. *Adapting HCP Approaches to Study Brain Disorders*. June 2016.
10. The Baby and the Bathwater: Signal and Noise in Psychiatric Neuroimaging. Schizophrenia Research Forum Webinar. June 2016.
11. SUNY Downstate Department of Psychiatry Grand Rounds. *Developing Mechanistically-informed Neuroimaging Markers for Schizophrenia*. June, 2016.
12. University of Pennsylvania Department of Psychiatry Seminar Series. *Developing Mechanistically-informed Neuroimaging Markers for Schizophrenia via Pharmacology and Computation*. Invited March, 2016.

13. International Schizophrenia Research Society (SIRS) Rising Star Award Lecture. Invited April, 2016.

14. Gordon Research Conference. Thalamocortical Interactions: Cell and Circuit Properties. *Characterizing Thalamo-Cortical Disruptions in Schizophrenia.* February, 2016.

15. YCCI Scholars and Investigative Medicine Group - Research in Progress Talk Series. *Informing Schizophrenia Neural Markers via Pharmacology, Neuroimaging and Computation.* January, 2016.

16. Synapsa Seminar in Collaboration with University of Ljubljana Department of Psychology. *Emerging Topics in Neuropsychiatric Research.* January, 2016.

17. University of Ljubljana Department of Psychology Invited Seminar. *Towards Computational Psychiatry via Multi-modal Neuroimaging, Pharmacology, and Computation.* January, 2016.

18. Huaxi Magnetic Resonance Research Center at West China Hospital. Sichuan University. *Towards Computational Psychiatry: Harnessing Pharmacology, Neuroimaging and Computation.* December, 2015.

19. The Swartz Seminar Series, Center for Neural Science at New York University. *Developing Mechanistic Biomarkers for Psychiatry: Harnessing Pharmacology, Neuroimaging and Computation.* December, 2015.

20. UCLA Brain Mapping Annual Seminar Series. *Towards Computational Neuropsychiatry by Combining Neuroimaging, Pharmacology & Computation.* October, 2015.

21. Research Seminar Series at the NYU Langone Medical Center at New York University. *Towards Mechanistic Biomarkers for Psychiatry via Pharmacological Neuroimaging and Computation.* Invited November, 2015.

22. Yale Interdepartmental Neuroscience Program - Principles of Neuroscience Invited Guest Lecture. *Translational Neuroimaging in Mental Illness: Focus on Emerging Methods for Biomarker Development* . October, 2015.

23. Columbia Department of Psychiatry - Schizophrenia Research Division Seminar Series. *Towards Computational Neuropsychiatry by Combining Neuroimaging, Pharmacology & Computation.* October, 2015.

24. The Broad Institute Stanley Center Biennial Symposium on Severe Mental Illness: From Genetics to Translational Biology. *Towards Translational Neuroimaging Biomarkers for Severe Mental Illness* . September, 2015.

25. Yale Department of Psychiatry Grand Rounds. *Developing Translational Neuroimaging Biomarkers via Pharmacology and Computational Modeling.* September, 2015.

26. 2015 Human Connectome Project (HCP) Course Invited Lecture. Exploring the Human Connectome. *Adapting HCP Approaches to Study Brain Disorders*. June 2015.

27. University of Maryland School of Medicine, Maryland Psychiatric Research Center. *Examining Progressive Dysconnectivity in Schizophrenia via Neuroimaging, Pharmacology and Computation.* June 2015.

28. UT Southwestern Medical Center. Department of Psychiatry. The Ken Altshuler M.D. Grand Rounds in Psychiatry Series. *Mechanistically Understanding Psychiatric Disorders Through Computational Psychiatry*. Spring, 2015.

29. Neuroscience 2015. "Treatment, Technology, and Recovery. NAMI-CT, DMHAS. *Developing Translational Neuroimaging Biomarkers for Schizophrenia.* May, 2015.

30. Invited Lecture: *High-resolution structural and functional connectomics in OCD using new analytic tools from the Human Connectome Project*. Submitted to the 3rd Annual New England OCD Research Symposium; March 2015.

31. Yale University Department of Psychiatry & Veteran's Administration Hospital. PTSD Seminar Series. *Characterizing Neural Network Disruptions in Psychiatric Disorders.* Spring, 2015.

32. Washington University in St. Louis. Department of Psychology - Brain, Behavior and Cognition Lecture Series. *Mechanistically Understanding Schizophrenia via Neuroimaging, Pharmacology and Computation*. Spring, 2015.

33. New York Psychoanalytic Institute. Pfeffer Center for Neuropsychoanalysis. *Understanding Psychopathology Through Neuroimaging and Computation.* Spring, 2015.

34. University College London. Brain Meeting at Wellcome Trust Centre for Neuroimaging. *Towards Computational Neuropsychiatry via Neuroimaging, Pharmacology and Computational Modeling*. Invited Spring, 2015.

35. Brooklyn College. Department of Psychology Colloquium Series. *Characterizing Neural System Dysfunction in Schizophrenia via Connectivity, Pharmacology and Computation*. Invited Fall, 2014.

36. Department of Radiology. Huaxi MR Research Center (HMRRC). West China Hospital. Combining Connectivity, Pharmacology and Computation to Understand Schizophrenia. Fall, 2014.

37. Brainhack Ignite Talk. New York. *Leveraging Computation and Neuroimaging to Understand Psychiatric Disease.* Fall, 2014.

38. Center for Molecular & Behavioral Neuroscience. Rutgers University. *Improving Neuropsychiatric Biomarkers via Connectivity, Pharmacology and Computation*. Fall, 2014.

39. Yale University, Center for Clinical Investigation YCCI Seminar Series. *Elucidating Neuropsychiatric Illness through Computation, Neuroimaging and Pharmacology.* Fall, 2014.

40. Yale University Department of Psychiatry. Specialized Treatment Clinic for First-Episode Psychosis Seminar Series. Overview of Lab Research. Fall, 2014.

41. University of Pittsburgh. Department of Psychiatry. *Towards Computational Neuropsychiatry by Combining Neuroimaging, Pharmacology and Computation*. Fall, 2014.

42. National Institute of Health. *Dissecting Neuropsychiatric Illness via Connectivity, Pharmacology and Computation*. Fall, 2014.

43. Yale University Interdepartmental Neuroscience Program Neuro Day Tag Team Talk (with Genevieve Yang). *Refining Psychiatric Biomarkers via Pharmacology, Computation, and Connectivity*. Summer, 2014.

44. Columbia University Medical Center. New York State Psychiatric Institute MRI Research Program Lecture Series. . *Refining Psychiatric Biomarkers via Pharmacology, Computation, and Connectivity.* Summer 2014.

45. Yale Center for Clinical Investigation - Yale/Rockefeller Retreat Day Invited Presentation. *Refining Neuroimaging Biomarkers for Schizophrenia via Pharmacology and Computation*. Summer 2014.

46. Yale University. Department of Psychiatry. Invited Presentation at the Veteran's Administration Hospital - National Center for PTSD. *Characterizing Dysconnectivity in Psychiatric Illness via Neuroimaging, Pharmacology and Computation*. Spring, 2014.

47. Annual meeting of Society for Biological Psychiatry; Anticevic, A., Haut, K., Cole, M.W., Repovs, G., Yang, G., Jacobson-McEwen, S., Cannon, T.D., NAPLS Consortium. *Thalamic dysconnectivity predicts risk for conversion to schizophrenia*. May 2014.

48. University of Zagreb, Department of Psychiatry. *Definining Psychiatrtic Biomarkers via Neuroimaging and Computation*. April, 2014.

49. Schizophrenia International Research Society (SIRS). Oral Presentation. *Integrating Pharmacology and Computation: Towards Understanding Mechanisms of Cognitive and Connectivity Deficits in Schizophrenia*. April 2014.

50. Columbia University Department of Psychiatry - Lieber Center for Schizophrenia Research and Treatment seminar series. *Understanding Schizophrenia via Computational Connectomics.* Spring 2014.

51. Princeton University. Department of Psychology. Merging connectivity, pharmacology and computation to mechanistically understand psychopathology. Spring, 2014.

52. Yale University, Current Work in Clinical Psychology Seminar Series. *Connectivity, pharmacology and computation: Integrating tools to mechanistically understand schizophrenia*. Spring 2014.

53. Molecular Psychiatry Annual Meeting Symposium - Disturbances in glutamate-gaba interactions in local circuits: Implications for abnormal functional connectivity in schizophrenia. *NMDA receptor antagonist effects, schizophrenia, and cortical functional connectivity: impact of the phase of schizophrenia illness.* Fall 2013.

54. Vanderbilt Brain Institute. Neuroscience Seminar Series. *Towards mechanistic understanding of neural system dysfunction in schizophrenia via connectivity, pharmacology and Computation*. October, 2013.

55. University of Rochester. Department of Brain and Cognitive Sciences Seminar. *Characterizing cognition and connectivity through clinical neuroimaging, pharmacology and computation*. November, 2013.

56. Massachusetts Institute of Technology, BrainMap Seminar Series. *Connectivity, pharmacology and computation: Towards a mechanistic understanding of cognitive and connectivity deficits in schizophrenia*. October, 2013.

57. Yale University Department of Psychiatry, Division of Substance Abuse. *Applications of functional connectivity in neuropsychiatric illness: Implications for Addictions*. October, 2013.

58. Yale University, Center for Clinical Investigation YCCI Seminar Series. *Understanding microcircuit disruptions in schizophrenia via computational modeling and pharmacological neuroimaging.* October, 2013.

59. Yale University Child Study Center Rounds. *From Bench to Bedside: Translational Clinical Science and Obsessive-Compulsive Disorder*. October, 2013.

60. Yale University Department of Psychology, Cannon Lab Meeting Presentation. *Towards mechanistic understanding of cognitive and connectivity deficits in schizophrenia*. September, 2013.

61. Mt. Sinai School of Medicine, Department of Psychiatry & Neuroscience. Mood and Anxiety Disorders Program (MAP) Talk Series. *Characterizing mechanisms of cognitive and connectivity disturbances in schizophrenia and bipolar illness*. September, 2013.

62. University of Zagreb, Brain Institute. *Mapping thalamo-cortical function in neuropsychiatric illness*. September, 2013.

63. Northwestern University, Department of Psychiatry. *Examining cognitive deficits and connectivity disruptions in schizophrenia*. July 2013.

64. University of Maryland, College Park, Department of Psychology. *Examining cognitive deficits and connectivity disruptions in schizophrenia*. July 2013.

65. University of Maryland School of Medicine, Maryland Psychiatric Research Center. *Characterizing cognitive and connectivity deficits in schizophrenia*. July 2013.

66. Columbia University Department of Psychiatry - Lieber Center for Schizophrenia Research and Treatment seminar series. *Characterizing prefrontal and thalamo-cortical dysconnectivity in schizophrenia and bipolar illness*. July 2013.

67. Organization for Human Brain Mapping (OHBM) Oral Presentation. *Mapping thalamo-cortical function in psychiatric disease: focus on schizophrenia and bipolar illness*. May 2013.

68. International Congress on Schizophrenia Research (ICOSR) Oral Presentation. *Elucidating mechanisms of cognitive impairment in schizophrenia via pharmacological neuroimaging and computational modeling*. April 2013.

69. New England OCD Research Symposium. *Global functional connectivity in OCD*. March 2013.

70. Yale University Department of Psychiatry - Clinical Neuroscience Research Unit BIT Talk Series. *Neuroimaging in psychopathology*. March 2013.

71. Yale University Department of Psychiatry - STEP Program Research Seminar - *Mapping thalamo-cortical function in neuropsychiatric illness: Focus on schizophrenia and bipolar Illness*. March 2013.

72. NYU Department of Psychology - Curtis Lab Invited Presentation- *Working memory dysfunction in schizophrenia: translating computational modeling to neuroimaging.* March 2013.

73. Yale University Department of Psychiatry - Clinical Neuroscience Research Unit NRTP Training Seminar. *Neuroimaging in psychopathology. February 2013.*

74. Columbia University Department of Psychiatry - Lieber Center for Schizophrenia Research and Treatment seminar series - *Working memory dysfunction in schizophrenia: Translating computational modeling to neuroimaging.* June 2012.

75. Yale University Department of Psychiatry - Biological Sciences Training Program (BSTP) Speaker Series - *Working memory dysfunction in schizophrenia: translating computational modeling to neuroimaging.* May 2012.

76. Prometheus Research Invited Talk. *Challenges in databasing and analyses in functional neuroimaging studies*. Selected following Yale-wide intramural competition. May 2012.

77. Yale University Department of Psychiatry. Center for the Translational Neuroscience of Alcoholism Seminar Series. *Presentation to the center faculty on the clinical core databasing efforts*. Co-presented w/Dr. Stephanie O'Malley. April 2012.

78. Cognitive Neuroscience Society - Open Paper Symposium Series. *Understanding working memory function through psychopathology: focus on schizophrenia and computational modeling*. March 2012.

79. Yale University Positron Emission Tomography Center, Neuromolecular Imaging Seminar - *Understanding emotion and cognition in schizophrenia: Towards computational neuropsychiatry*. Spring 2012.

80. Yale University Department of Psychology, Cognitive Lunch Seminar Series - *Understanding emotion and cognition in schizophrenia: Towards computational neuropsychiatry*. January 2012.

81. Wellcome Trust/Cambridge University/UCL/Yale Workshop in London - *Working memory dysfunction in schizophrenia: Translating computational modeling to neuroimaging.* October 2010.

82. Yale University Magnetic Resonance Research Center Research Seminar - *Understanding emotion and cognition in schizophrenia*. September 2011.

83. Federation of European Neurosciences - SINAPSA Regional Meeting - Ljubljana, Slovenia - *Emotion-cognition interactions in schizophrenia: effects of emotional distraction on working memory*. Symposium title: Subcomponents in working memory: the role of interference. September 2011.

84. Federation of European Neurosciences - SINAPSA Regional Meeting - Ljubljana, Slovenia - Workshop: *Emotional dysfunction i schizophrenia.* September 2011.

85. University of Ljubljana Department of Psychology - *Using functional connectivity to understand emotion, cognition, and neuropsychiatric disease.* June 2011. ***Online seminar.*

86. Harvard University Department of Psychiatry, Massachusetts General Hospital - *Emotion-cognition interactions in schizophrenia.* May 2011.

87. Society for Biological Psychiatry - *Dealing with individual variability in functional dysconnectivity*. May 2011.

88. Columbia University Department of Psychology, Cognitive Lunch speaker series - *Emotion-cognition interactions in schizophrenia: effects of emotional interference on working memory.* December 2010.

89. Washington University School of Medicine, Silvio Conte Center seminar speaker series - *Brain regions involved in resisting emotional distraction: implications for schizophrenia*. March 2009.

90. Washington University, Department of Psychology, Clinical Science Seminar - *Long-term CBT for OCD in the context of multiple therapists.* November 2008.

91. Washington University School of Medicine, Neuroimaging Laboratories, Department of Radiology Seminar. - *Cortical surface-based analyses in functional neuroimaging: focus on working memory in schizophrenia.* June 2007.

PROFESSIONAL SERVICE & MEMBERSHIPS

Conference Program Committee:

- International Neuropsychological Society (INS) 2015 Program: Imaging (Functional), Psychopathology/ Neuropsychiatry (Including Schizophrenia), Cognitive Neuroscience Sections

Committee / Advisory Board Service:

- Scientific Advisory Committee for the Brain Analysis Library of Spatial maps and Atlases (BALSA)
  PI: David Van Essen
- Harmonizing Studies of the Psychosis Prodrome: Toward the Validation of Biomarkers for Clinical Trials
  Charge by Dr. Tom Insel
  NIH Neuroimaging Working Group Member
- HARMONY Neuroimaging Analysis Harmonization Steering Committee Chair.

  HARMONY stands for Harmonization of At Risk Multisite Observational Networks for Youth and it is a collaboration planned between PRONIA and three similar large-scale projects developing and testing algorithms for an individualized prediction of psychosis. Apart from the PRONIA consortium, the other involved projects are (1) the NIMH-funded North American Prodrome Longitudinal Study Phase 3 (NAPLS3, PI: Tyrone Cannon, Yale University), (2) the EU-FP7-funded PSYSCAN (PI: Philip McGuire, King's College London) and (3) the NIMH-funded Philadelphia Neurodevelopmental Cohort (PNC) study (PI: Raquel Gur, University of Pennsylvania). The focus of HARMONY will be the joint analysis of data that is collected throughout all 4 projects.

Memberships:

- Cognitive Neuroscience Society
- Society for Neuroscience
- Organization for Human Brain Mapping
- Society for Research in Psychopathology
- Association for Psychological Science
- International Congress for Schizophrenia Research

Ad-Hoc Reviewer:

- Abnormal Psychology
- Addiction Biology
- American Journal of Psychiatry
- Annals of Neurology
- Biological Psychiatry
- Cerebral Cortex
- Cognitive, Affective, & Behavioral Neuroscience
- Cognition & Emotion
- Current Addictions Report

· Developmental Neuropsychology
· Emotion
· Experimental and Clinical Pharmacology
· European Neuropsychopharmacology
· Frontiers in Human Neuroscience
· Frontiers in Integrative Neuroscience
· Frontiers in Psychology
· Harvard Review of Psychiatry
· Human Brain Mapping
· JAMA Psychiatry
· Journal of Affective Disorders
· Journal of Cognitive Neuroscience
· Journal of Neuroscience
· Journal of Visualized Experiments
· Journal of Psychiatry & Neuroscience
· Memory & Cognition
· Nature Scientific Reports
· Nature Medicine
· Neurobiology of Aging
· NeuroImage
· NeuroImage Clinical
· Neuropsychopharmacology
· Proceedings of the National Academy of Sciences, USA
· Progress in Neurobiology
· Progress in Neuro-Psychopharmacology & Biological Psychiatry
· Psychiatry Research: Neuroimaging
· Psychological Medicine
· Psychopharmacology
· Social Cognitive and Affective Neuroscience
· Schizophrenia Bulletin
· Schizophrenia Research
· Translational Psychiatry

YALE UNIVERSITY SERVICE

Committee / Advisory Board Service:

- Yale Center for Research Computing (YCRC) Steering Committee Member

  YCRC is jointly chaired by the Deputy Provost for Research, the YSM Deputy Dean for Academic & Scientific Affairs, and the Chief Information Officer. This committee will steer the intellectual direction of the YCRC and advise on budgetary matters. More generally, the committee will guide strategy, direction and decision making regarding the use and support of computational research technologies, and it will help set priorities for the YCRC.

LAB PRESS & MEDIA COVERAGE

- NIMH highlights Anticevic Lab research in a sampling of summer science. Dr. Tom Insel's NIMH Blog **(**Link**).**
- Psychologist bridges clinic and lab to untangle schizophrenia's roots. Interview for *Science Magazine* (Link)
- Brain imaging can predict how intelligent you are, study finds. *Washington University Newsroom* (Link)
- A smart hub in the brain. *Nature - Cognitive Neuroscience Research Highlights* (Link)
- Dozen young Yale scientists honored for promising mental health research. *YaleNews* (Link)
- 2012 NARSAD Young Investigator Grantees. *Brain Behavior Research Foundation* (Link)
- Research team uses pharmacological neuroimaging and computational modeling to provide clues about large-scale brain systems. *Yale Psychiatry News* (Link)
- Study explores how brain disruption may foster schizophrenia. *Yale Science & Health News* (Link)
- Yale Center for Clinical Investigation Newsletter (Link).
- Schizophrenia's "Next Top Model": The Convergence of Technology and Pharmacology. *SZ Magazine* (Link)
- Pharmacological neuroimaging and computational modeling may provide clues about large-scale brain systems news. *Domain-b.com* (Link).
- Research team uses pharmacological neuroimaging and computational modeling to provide clues about large-scale brain systems. *HealthCanal* (Link)
- Study explores how brain disruption may foster schizophrenia. *MedicalXpress* (Link)
- Young investigator is first Yale recipient of NIH Early Independence Award *Yale Science & Health News* (Link)
- A multidisciplinary approach to mental illness *Washington University Newsroom* (Link)
- NIH 2012 Early Independence Award Recipients. *NIH* (Link)
- Mysteries of the Mind: Researchers take aim at schizophrenia's thinking problems. *Pittsburgh Post-Gazette.* (Link)
- Shared mind intrusion illustrates similarities between mental illnesses. *HealthMedicineNetwork* (Link)
- Shared brain disruption illustrates similarities between mental illnesses. *MedicalXpress* (Link)
- Brain disruption shows that mental illnesses have biological similarities. *SciTechDaily* (Link)
- Bringing the unseen to light. Yale Medicine Fall 2013 Article Featuring Anticevic Lab research.
- Brain and Behavior Research Fund (formerly NARSAD) News. *BBRFoundation.org* (Link).
- Brain's flexible hub network helps humans adapt. *ScienceDaily* (Link).
- The brain's network switching station for adaptive behavior. *Neurevolition Blog* (Link).
- Global resting-state fMRI analysis identifies frontal cortex, striatal, and cerebellar dysconnectivity in obsessive-compulsive disorder. *MDLinx* (Link).
- In resting brains researchers see signs of schizophrenia. HealthCanal (Link).
- APS Janet Taylor Spence Award for Transformtive Early Career Contributions. *APS Observer* (Link).
- Altered global brain signal in schizophrenia. *World News* (Link).
- In resting brains, Yale researchers see signs of schizophrenia. *MedicalXpress* (Link).

- Novel Approach Leads to Discovery of Disruption in Brain Connectivity in Schizophrenia. *Brain & Behavior Research Foundation* (Link).
- Researchers see signs of schizophrenia in resting brains. *Neuroscience News* (Link).
- Same Brain Circuits Linked With Psychosis in Two Disorders. *Psychiatric News.* (Link).
- Resting State Brain Imaging Points to Differences in Early- and Late-Stage Schizophrenia. *Brain & Behavior Research Foundation* (Link).
- Ketamine Elicits Brain State Resembling Early Stages of Schizophrenia. *Schizophrenia Research Forum* (Link).
- Study by Yale, Chinese researchers shows new findings on schizophrenia onset. *New Haven Register* (Link).
- Too much of a bad thing: Schizophrenia onset linked to elevated neural links. *Yale Science & Health News* (Link).
- Too much of a bad thing: Schizophrenia onset linked to elevated neural links. *Science Blog* (Link).
- Too much of a bad thing: Schizophrenia onset linked to elevated neural links. *MyScience* (**Link**).
- Schizophrenia onset linked to elevated neural links. *MedicalXpress* (Link).
- First stages of Schizophrenia associated with excessive neural communication in PFC, research finds. *The Speaker* (Link)
- More evidence for abnormal connectivity in schizophrenia. *Science Blog*. (Link).
- Early-Stage Schizophrenia Associated With Increased Prefrontal Cortex Connectivity That is Reversed Following Treatment. *Brain & Behavior Research Foundation* (Link).
- Brain & Behavior Research Foundation Names Winners of Klerman-Freedman Prizes for Exceptional Research Treatment. *Sys-Con News* (Link).
- Annual awards recognize exceptional research by foundation's NARSAD young investigators to unlock mysteries of mental illness. *Eureka Alert* (Link).
- Anticevic wins Brain and Behavior Foundation Award. *Yale Science & Health News* (Link).
- Beyond behavior: Frontiers of neuroscience research. *Yale School of Medicine News* (Link).
- Brain abnormalities are present even before onset of schizophrenia. *Yale Science & Health News* (Link).
- MRI shows schizophrenia-related brain abnormalities in individuals at high risk for psychosis. *Healio* (Link).
- Scientists May Have Found 'Marker' for Schizophrenia. *US News & World Report* (Link).
- Patients with Psychosis Show Prominent Thalamic Dysconnectivity. *Neurology Advisor* (Link).
- Brain abnormalities are present even before onset of schizophrenia. *Science Blog* (Link).
- Brain abnormalities are present even before onset of schizophrenia. *BioScience Technology* (Link).
- Brain abnormalities are present even before onset of schizophrenia. *Health Canal* (Link).
- Thalamic Dysconnectivity Linked to Greater Symptom Severity in Psychosis. *Psychiatry Advisor* (Link).
- Thalamic Dysconnectivity Seen in Those With Psychosis Risk. *MPR* (Link).
- Brain Connections Go Awry Before Psychosis Onset. *Medscape* (Link).

- Beyond Behavior: Frontiers of neuroscience research. *Yale Psychiatry News* (Link).
- Research in the news: Model reconciles theories of schizophrenia. *Yale News* (Link).
- Researchers may have found a genetic reason for differences in schizophrenic brains. GENES. *Genetic Expert News Service.* (Link).
- Topics in Neuroscience Interview. *Radio Program Slovenija - Prvi Interview.*
- Research in the news: Yale schizophrenia researcher named a 'Rising Star'. *Yale News* (Link)
- Research in the news: Anticevic to receive Society of Biological Psychiatry research award. *Yale News* (Link)

INTERNATIONAL COLLABORATIONS

Dr. Grega Repovs (Link)
University of Ljubljana
Ljubljana, Slovenia
Ongoing collaboration on functional connectivity method development

Dr. Fei Wang (Link)
Department of Radiology, The First Affiliated Hospital
China Medical University, Shenyang, Liaoning, PR China
Ongoing collaboration on applications of functional connectivity to the study of schizophrenia

Dr. Gong Qiyong (Link)
Professor of Radiology, Neurology and Psychiatry,
Huaxi MR Research Center
Department of Radiology, West China Hospital
Ongoing collaboration on applications of functional connectivity to the study of schizophrenia

Dr. Aleksandar Savic & Dr. Milan Rados (Link)
Institute for Brain Research
Department of Neuroscience & Psychiatry
University of Zagreb
Ongoing collaboration on clinical applications of functional neuroimaging

Dr. Franz X. Vollenweider (Link)
Institute for Neuropsychopharmacology & Brain Imaging
Department of Psychiatry, Psychotherapy & Psychosomatics
University of Zurich
Ongoing collaboration on applications of functional pharmacological neuroimaging

UNIVERSITY SERVICE

2013-2014 Yale University School of Medicine MD/PhD Program
Assistance with Candidate Recruitment
Yale University

2013-2014 Yale University Interdepartmental Neuroscience Program
Assistance with Candidate Recruitment
Yale University

2012-2013 Yale University Department of Psychiatry Grand Rounds
Assistance with Lecture Organization
Yale University

2012-2013 Biological Sciences Training Program (BSTP) Lecture Series
Assistance with Lecture Organization
Yale University

2012-2013 NIAAA Director's Summit Conference - Yale University
Local Organizing Committee Member
Yale University

2012-2013 Yale Center for the Translational Neuroscience of Alcoholism
Clinical Core Database - Intramural Analysis Award
Organizing and Award Evaluation Committee
Yale University

2012-2013 Yale International Conference on Applications of Neuroimaging to Alcoholism
Local Organizing Committee Member
Yale University

2011-Present Yale Center for the Translational Neuroscience of Alcoholism Speaker Series Organization
Yale University

2011-Present Yale Center for the Translational Neuroscience of Alcoholism Website and Press Administration
Yale University

2011-Present Yale Center for the Translational Neuroscience of Alcoholism Bi-weekly Seminar Organization
Yale University

Fall 2007 - 2010 Cognitive, Computational, Systems Neuroscience (CCSN) Pathway Steering Committee
Washington University in St. Louis

Spring 2010 Teaching Assistant of the Year Award Committee
Washington University in St. Louis

UNIVERSITY TEACHING

Spring 2014 **Guest Lecturer**

Department of Psychology
Yale University
Course Master: Hedy Kober, Ph.D.
Course: Drugs, Brain and Behavior

Spring 2014 **Guest Lecturer**
Department of Psychiatry
Yale University
Course Master: Irina Esterlis, Ph.D.
Course: Neuroimaging in Psychiatry

Spring 2012 **Guest Lecture**
Department of Psychology
Yale University
Course Master: Hedy Kober, Ph.D.
Course: Drugs, Brain and Behavior

Fall 2009 **Graduate Teaching Assistant**
Department of Psychology
Washington University in St. Louis
Supervisor: Todd Braver, Ph.D.
Course: Functional Neuroimaging Methods

Fall 2009 **Guest Lecturer**
Department of Psychology
Washington University in St. Louis
Course Master: Todd Braver, Ph.D.
Course: Cognitive Computation System Neuroscience Boot Camp

Spring 2009 **Undergraduate Teaching Assistant**
Department of Psychology
Washington University in St. Louis
Supervisor: Thomas Oltmanns, Ph.D.
Course: Abnormal Psychology

Fall 2008 **Undergraduate Teaching Assistant**
Department of Psychology
Washington University in St. Louis
Supervisor: Ian Dobbins, Ph.D.
Course: Introduction to Statistical Reasoning

CLINICAL ACTIVITIES

07/2011 - Present **Anticevic Lab Schizophrenia Research Clinic**
Yale University School of Medicine
Role: *Supervisor*

07/2010 - 07/2011 **Clinical Neuropsychology Fellow**

Yale University School of Medicine - Gaylord Hospital
Psychology Section
Supervisor: Richard Delaney, Ph.D., ABPP-CN

07/2010 - 07/2011 **Clinical Neuropsychology Fellow**
Yale University School of Medicine
Department of Psychiatry
Supervisor: Kieth Hawkins, Psy.D.

09/2008 - 06/2009 **Clinical Practicum**
St. Louis Psychiatric Rehabilitation Center
Psychology Section
Supervisor: Lisa Ellis, Ph.D.

05/2008 - 09/2008 **Clinical Practicum**
St. Louis Behavioral Medicine Institute
Anxiety Disorders Center
Supervisor: Alec Pollard, Ph.D.

05/2008 - 09/2008 **Clinical Practicum**
Stroke and Brain Injury Rehabilitation Institute
Department of Neurology
Washington University in St. Louis School of Medicine
Supervisor: Nicole Schwarze, Ph.D., ABPP-CN

01/2008 - 05/2008 **Clinical Practicum**
Stroke and Brain Injury Rehabilitation Institute
Department of Neurology
Washington University in St. Louis School of Medicine
Supervisor: Robert Fucetola, Ph.D., ABPP-CN

09/2006 - Present **Clinical Assistant**
Psychological Service Center
Department of Psychology
Washington University in St. Louis
Supervisors: Deanna M. Barch, Ph.D.
Thomas L. Rodebaugh, Ph.D.
Mike Merbaum, Ph.D

06/2007 - 2010 **Neuropsychological Assistant**
Psychological Service Center
Department of Psychology
Washington University in St. Louis
Supervisors: Patricia V. Cooper, Ph.D.
Denise Head, Ph.D.
Desiree White, Ph.D.

MENTORING & SUPERVISION

2015- present	PhD Thesis Student Primary Advisor (Lisa Ji) *Yale University*, Interdepartmental Neuroscience Program
2013 - present	PhD Thesis Student Primary Advisor (Genevieve Yang) *Yale University*, Interdepartmental Neuroscience Program
2013 - present	Undergraduate Project Advisor (Charlie Schleifer) *Yale University*, Department of Psychology
2013 - present	Psychiatry Resident Project Planning & Supervision (Youngsun Cho) *Yale University*, Department of Psychiatry
2013 - 2015	Undergraduate Thesis Primary Advisor (Caroline Diehl) *Yale University*, Department of Psychology
Summer 2013	Summer visiting student supervision, Anticevic Lab *Yale University*, Department of Psychiatry
Summer 2013	Summer intern supervision, Anticevic & Krystal Labs *Yale University*, Department of Psychiatry
Summer 2013	MD/PhD Rotation Student Supervision, Anticevic & Krystal Labs *Yale University*, Interdepartmental Neuroscience Program
Fall 2012	Project planning & supervision for visiting Fulbright scholar *Yale University*, Department of Psychiatry
Spring 2012	Research assistant supervision and training in meta-analytic techniques. *Yale University*, Department of Psychiatry
Fall 2011	Research assistant supervision and training in fMRI analysis. *Yale University*, Department of Psychiatry
Summer 2011	Full-time summer undergraduate research assistant supervision. *Yale University*, Department of Psychiatry
Fall 2009	Neuroscience rotation gradate student supervision *Washington University in St. Louis,* Department of Psychology
Summer 2009	Full-time summer undergraduate research assistant supervision. *Washington University in St. Louis,* Department of Psychology
Spring 2009	Undergraduate students supervision for course credit. *Washington University in St. Louis,* Department of Psychology
Fall 2008	Undergraduate students supervision for course credit. *Washington University in St. Louis,* Department of Psychology
Summer 2008	High-school student supervision. *Washington University in St. Louis,* Department of Psychology
Fall 2007	Hewlett Program student supervision. *Washington University in St. Louis,* Department of Psychology

Fall 2006 Undergraduate students supervision for course credit.
Washington University in St. Louis, Department of Psychology