Alan Anticevic, Ph.D.

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Curriculum Vitae | Revised September 17, 2026

Professional Profile

Computational neuroscientist and industry R&D leader. Senior Director & Head of Computational Neuroimaging in the Neuroscience Therapeutic Area at Johnson & Johnson Innovative Medicine, and President of Manifest Technologies, the company he co-founded and led as CEO and Chairman through its acquisition by Johnson & Johnson in 2024. Previously tenured Associate Professor of Psychiatry at Yale, Glenn H. Greenberg Associate Professor (2023–2024), and Director of the Neurocognition, Neurocomputation, and Neurogenetics (N3) Division, 2015–2024.

His research combines human neuropharmacology, neuroimaging, and computational modeling to identify circuit mechanisms of psychiatric illness and to turn them into measurements that guide treatment development. Clarivate Highly Cited Researcher (Cross-Field) four consecutive years, 2022–2025; over 180 peer-reviewed publications; h-index 74; >23,000 citations; more than $115M in extramural funding as PI or Co-PI; inventor on two issued U.S. patents and two published PCT applications; lead developer of QuNex and co-developer of BrainSMASH and GEMMR. Recipient of the ACNP Joel Elkes Research Award (2019).

Selected Scientific Contributions

Receptor mechanisms and human brain circuits. First-author work showed that NMDA receptor antagonism (ketamine) disrupts the anticorrelated organization of task-positive and default-mode systems in proportion to working-memory deficits and transient psychosis-like symptoms (PNAS 2012). Senior-authored studies established, through ketanserin blockade, that LSD's global and thalamic connectivity effects depend on the 5-HT2A receptor (eLife 2018), and demonstrated that a single ketamine dose evokes multiple individually distinct whole-brain connectivity signatures (eLife 2024), showing that pharmacological target-engagement measures need to be resolved at the individual level.

Dimensional approaches to psychiatric heterogeneity. First-author studies defined the thalamocortical dysconnectivity signature of schizophrenia, replicated it in an independent sample, extended it to bipolar illness (Cerebral Cortex 2014), and showed that it precedes psychosis onset and is associated with later conversion in clinical-high-risk youth (JAMA Psychiatry 2015). Senior-authored work identified the altered global brain signal in schizophrenia (PNAS 2014), showed that dysconnectivity follows the cortical functional hierarchy (PNAS 2016), and introduced a data-driven method for mapping symptom dimensions onto individual connectivity patterns in 436 psychosis-spectrum patients (eLife 2021), the basis of U.S. Patent 12,154,677 and of the technology commercialized by Manifest Technologies. Applied to the EMBARC antidepressant trial, the method revealed a shared geometry of symptom improvement under sertraline and placebo with distinct baseline neural predictors (Psychological Medicine 2025).

Reproducible neuroimaging and collaborative translation. Led development of QuNex, an open-source platform for multimodal neuroimaging that had processed more than 10,000 scan sessions across more than 50 scanners at publication and is used by laboratories and consortia; co-developed BrainSMASH and GEMMR, widely used tools for spatial-null and multivariate-stability inference. Directed the Biomarker Data Transfer Core of ProNET within AMP SCZ, and as Yale site co-PI of TRANSCENDS led the computational and imaging design embedding circuit target-engagement readouts in an NIMH multisite trial of a D1/D5 partial agonist. These methods inform NAIO, the multimodal computational platform he leads at Johnson & Johnson.

Current Leadership and Career Milestones

- **Johnson & Johnson Innovative Medicine:** Senior Director & Head of Computational Neuroimaging, Neuroscience Therapeutic Area; leads the Computational Neuroimaging Technologies team and development of the NAIO platform for CNS therapeutic research.
- **Manifest Technologies:** President; co-founder and former CEO and Chairman. The company translated neuroimaging methods developed at Yale and was acquired by Johnson & Johnson in 2024.
- **Yale School of Medicine:** Associate Professor of Psychiatry, 2018–2024; tenure awarded in 2022; Glenn H. Greenberg Associate Professor, 2023–2024. Director of the N3 Division, 2015–2024.
- **Education:** Ph.D., Washington University in St. Louis, 2011; Clinical Neuropsychology Internship, Yale School of Medicine, 2011; B.S. in Psychology & Neuroscience with a Concentration in Statistics, Drake University, 2004.

Industry Translation

Following Johnson & Johnson's acquisition of Manifest Technologies in December 2024, he built and now leads the Computational Neuroimaging Technologies team within the Neuroscience Therapeutic Area, sitting in Translational Discovery and Development Biomarkers. The team integrates human neuroimaging, neuropsychopharmacology, computational modeling, digital and cognitive phenotyping, neuroinformatics, and clinical data to inform target and indication selection, demonstrate pharmacodynamic and circuit engagement, characterize patient heterogeneity, and support dose, endpoint, and development decisions across precision neuropsychiatry and neurodegeneration. He leads development of NAIO, a multimodal computational platform generating reproducible, scalable, and decision-relevant precision measures for CNS development.

Major Recognition and Funded Leadership

Major recognition includes the Clarivate Highly Cited Researcher designation in Cross-Field (2022, 2023, 2024, and 2025); the ACNP Joel Elkes Research Award (2019); Yale Blavatnik Award (2023); Yale Faculty Innovation Award (2022); the Society of Biological Psychiatry A.E. Bennett Research Award and SIRS Rising Star Award (2016); the Brain & Behavior Research Foundation Klerman Prize for Exceptional Clinical Research (2015); the APS Janet Taylor Spence Award (2014); and the NIH Director's Early Independence Award (2012).

Funded leadership exceeds $115M in total costs as PI or Co-PI, including the NIH Director's Early Independence Award (DP5); four NIMH R01s as PI or Co-PI (R01MH108590; R01MH116038 with Christopher Pittenger; R01MH115000 with Neil Woodward; R01MH112189, a U.S.–China collaborative award with Gong Qiyong); Yale site co-PI of the NIMH TRANSCENDS trial (U01MH121766); Co-I and Director of the Biomarker Data Transfer Core of ProNET (U01MH124639); Co-PI of ProCAN; Co-PI of the NIAAA CTNA Translational Technologies Core (P50AA012870); Co-PI of the NIMH Connectome Coordination Facility 2.0 (R24MH122820); and PI of a $3M Boehringer Ingelheim precision-psychiatry program. See complete grant history in Part II.

Mentoring

Mentorship spans doctoral training, clinical research career development, postdoctoral research, and shared supervision in computational and clinical neuroscience. The record includes primary mentoring on funded training and career-development awards, alongside co-mentorship and collaborative supervision.

Primary mentor on funded training and career-development awards including Genevieve Yang's NIH F30, Youngsun Cho's Yale Detre Resident Award and NIH K23, Jennifer Foss-Feig's BBRF Young Investigator Award, Katrin Preller's Swiss National Science Foundation fellowship, and Rick Adams's Bogue Research Fellowship. Mentees now hold independent positions across academia and industry: Adams is Professor of Computational Psychiatry at UCL; Foss-Feig is Associate Professor of Psychiatry and Yang is Assistant Clinical Professor of Psychiatry at Mount Sinai; Cho is Assistant Professor at Yale, Director of the N3 Division, and Co-PI of ProCAN; Preller is Head of Experimental Medicine, Neuroscience & Mental Health Experimental Sciences, at Boehringer Ingelheim; Kangjoo Lee is Assistant Professor of Biomedical Engineering at Florida International University. The full mentoring record appears in Part II.

Selected Publications

1. Anticevic, A., Gancsos, M., Murray, J.D., ..., Krystal, J.H., & Corlett, P.R. (2012). NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, 109(41), 16720–16725. doi:10.1073/pnas.1208494109.

   First-author demonstration that ketamine disrupts anticorrelated task-positive/default-mode organization in proportion to working-memory deficits and transient psychosis-like symptoms.

2. 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), 584–592. doi:10.1016/j.tics.2012.10.008. *[Review/Perspective]*

   First-author synthesis proposing failure of default-network suppression as a transdiagnostic circuit mechanism of cognitive dysfunction; widely cited.

3. Anticevic, A., Cole, M.W., Repovs, G., ..., Pearlson, G.D., & Glahn, D.C. (2014). Characterizing thalamo-cortical disturbances in schizophrenia and bipolar illness. *Cerebral Cortex*, 24(12), 3116–3130. doi:10.1093/cercor/bht165.

   First-author definition and independent replication of thalamocortical dysconnectivity in schizophrenia, extended to bipolar illness.

4. Yang, G.J., Murray, J.D., Repovs, G., . . . , Glahn, D.C., & Anticevic, A. (2014). Altered global brain signal in schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, 111(20), 7438–7443. doi:10.1073/pnas.1405289111.

   Senior-authored demonstration that the global fMRI signal is elevated in schizophrenia and carries diagnostic information, with a model linking it to cortical disinhibition.

5. Anticevic, A., Haut, K., Murray, J.D., . . . , 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*, 72(9), 882–891. doi:10.1001/jamapsychiatry.2015.0566.

   First-author NAPLS study showing thalamocortical dysconnectivity precedes psychosis onset and is most severe in those who convert.

6. Yang, G.J., Murray, J.D., Wang, X.J., . . . , Krystal, J.H., & Anticevic, A. (2016). Functional hierarchy underlies preferential connectivity disturbances in schizophrenia. *Proceedings of the National Academy of Sciences of the United States of America*, 113(2), E219–28. doi:10.1073/pnas.1508436113.

   Senior-authored demonstration that dysconnectivity in schizophrenia is organized along the cortical functional hierarchy.

7. Preller, K.H., Burt, J.B., Ji, J.L., . . . , Vollenweider, F.X., & Anticevic, A. (2018). Changes in global and thalamic brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT2A receptor. *eLife*, 7, e35082. doi:10.7554/elife.35082.

   Senior-authored receptor-blockade study establishing that LSD-induced global and thalamic connectivity effects depend on the 5-HT2A receptor.

8. Ji, J.L., Helmer, M., Fonteneau, C., . . . , Murray, J.D., & Anticevic, A. (2021). Mapping brain-behavior space relationships along the psychosis spectrum. *eLife*, 10, e66968. doi:10.7554/elife.66968. See correction: Publications, item 55 (p. 31).

   Senior-authored, data-driven mapping of symptom dimensions onto individual connectivity in 436 psychosis-spectrum patients; basis of U.S. Patent 12,154,677.

9. Moujaes, F., Ji, J.L., Rahmati, M., . . . , Preller, K.H., & Anticevic, A. (2024). Ketamine induces multiple individually distinct whole-brain functional connectivity signatures. *eLife*, 13, e84173. doi:10.7554/elife.84173.

   Senior-authored demonstration that a single ketamine dose evokes multiple individually distinct whole-brain connectivity signatures.

10. Berkovitch, L., Lee, K., Ji, J., . . . , Fonteneau, C., & Anticevic, A. (2025). A common symptom geometry of mood improvement under sertraline and placebo associated with distinct neural patterns. *Psychological Medicine*, 55, e185. doi:10.1017/s0033291725100962. Earlier preprint: doi:10.1101/2023.12.15.23300019. See correction: Publications, item 7 (p. 21).

    Senior-authored analysis of the EMBARC trial showing a shared symptom-improvement geometry under sertraline and placebo with distinct baseline neural predictors.

Professional Service

Served on planning committees and as moderator for National Academies workshops on multimodal biomarkers for CNS disorders and on translating biomarker insights across CNS diseases. Chaired and helped plan an NIMH workshop on parallel and quantum computing in genomics and neuroscience, and served as an invited participant and discussion moderator in NIMH workshops on computational psychiatry and rare genetic disease. Contributed to scientific meeting planning for the International Neuropsychological Society and co-organized neuroimaging and alcoholism meetings with John Krystal.

Peer-review work includes ad hoc review for NIMH's Board of Scientific Counselors and study sections, and grant review for the U.S. Department of Defense, the National Center for PTSD, the UK Medical Research Council, and NWO-WOTRO Science for Global Development. Editorial work includes guest editing for *Schizophrenia*, *Schizophrenia Research*, and *Biological Psychiatry*; senior editorial roles in computational psychiatry and the *Oxford Research Encyclopedia of Neuroscience*; and peer review for a broad range of neuroscience, psychiatry, and psychology journals.

Taught Human Connectome Project courses from 2015 through 2019 and contributed to neuroimaging harmonization through HARMONY and scientific advice for BALSA. At Yale, chaired the Wu-Tsai Institute Informatics and XNAT steering committees, served on the Center for Research Computing steering committee, and contributed to clinical-research computing, faculty recruitment and promotion, and MD/PhD recruitment and interviewing. These activities supported shared research infrastructure, methodological training, and scientific collaboration.

Software and Intellectual Property

Led development of QuNex (Quantitative Neuroimaging Environment & Toolbox), an open-source multimodal neuroimaging platform, and co-developed BrainSMASH (spatial-autocorrelation-preserving null models) and GEMMR (stability of CCA/PLS brain–behavior models). Inventor on N-BRIDGE, U.S. Patent 12,154,677 B2 (neuro-behavioral relationships in dimensional geometric embedding), and co-inventor on U.S. Patent 11,842,793 B2 (neurobehavioral phenotyping; assignees: Yale University and Neumora Therapeutics); named inventor on published PCT applications WO 2025/042969 (clinical-trial inclusion/exclusion) and WO 2025/191514 (generative-model embedding), applicant Manifest Technologies. Full references in Part II.

ACNP Activities

Joel Elkes Research Award, American College of Neuropsychopharmacology, 2019; presented at the 58th Annual Meeting, December 2019.

President's Plenary speaker, 57th Annual Meeting, December 10, 2018: "Characterizing Neuro-Behavioral Geometry Embedding via Neuropharmacology, Transcriptomics and Clinical Neuroimaging," in From Genetics to the Neurobiology of Mental Illness (chair: Steven Hyman). Recording: https://acnp.org/videos/alan-anticevic/

Poster W117, 64th Annual Meeting, Nassau, January 2026 (presenter and senior author): Helmer M, Ji JL, Demšar J, Pan L, Whelan C, Vairavan S, Murray JD, Martin WJ, Wittenberg G, Anticevic A. NAIO (Neuroscience and AI-Optimized Platform): A Multi-Modal Computational Platform for Informing Target and Indication Selection, Biomarker Readout, and Patient Stratification in CNS Drug Development.

Senior or co-author on ACNP posters 2018 (Cho et al.; Gruner et al.), 2019 (Dickie et al.), 2023 (Sarantopoulos et al.); full citations in Part II.

Annual Meeting attendance: 2018, 2019, 2026; registered for the 65th Annual Meeting, San Diego, January 2027, with a poster under review (Anticevic et al., A Multiscale Generative Framework for Mechanistic Neuropsychiatry).

Journal service: ad hoc reviewer, *Neuropsychopharmacology*.

Part II — Complete Record

Industry Positions

2025–Present. Senior Director & Head of Computational Neuroimaging, Neuroscience Therapeutic Area, Johnson & Johnson Innovative Medicine, Cambridge, MA. Leads the Computational Neuroimaging Technologies team and development of the NAIO (Neuroscience and AI Optimized) platform for target and indication selection, biomarker readouts, and patient stratification in CNS therapeutic research.

2025–Present. President, Manifest Technologies, Inc. (a Johnson & Johnson company), New Haven, CT.

2022–2025. Co-founder; former CEO and Chairman of the Board, Manifest Technologies, Inc., New Haven, CT. Translated neuroimaging methods developed at Yale into CNS therapeutic research. Transitioned to full-time company leadership in September 2024; led the company through its acquisition by Johnson & Johnson in 2024.

Academic Appointments

2023–2024. Glenn H. Greenberg Associate Professor with Tenure, Department of Psychiatry, with secondary appointment in Psychology and affiliations with the Interdepartmental Neuroscience Program (INP) and Division of Biological and Biomedical Sciences (BBS), Yale School of Medicine, New Haven, CT.

2022–2024. Associate Professor with Tenure on Traditional Track, Department of Psychiatry, Department of Psychology (Secondary Appointment), Interdepartmental Neuroscience Program (INP), Division of Biological and Biomedical Sciences (BBS), Yale School of Medicine, New Haven, CT

2018–2024. Associate Professor, Department of Psychiatry, Department of Psychology (Secondary Appointment), Interdepartmental Neuroscience Program (INP), Division of Biological and Biomedical Sciences (BBS), Yale School of Medicine, New Haven, CT

2013–2018. Assistant Professor, Department of Psychiatry, Department of Psychology (Secondary Appointment), Interdepartmental Neuroscience Program (INP), Division of Biological and Biomedical Sciences (BBS), Yale School of Medicine, New Haven, CT

2011–2013. Associate Research Scientist, Department of Psychiatry, Yale School of Medicine, New Haven, CT

2011. Fellow in Neuropsychology, Predoctoral Clinical Psychology Internship, Department of Psychiatry, Yale School of Medicine, New Haven, CT

2014. Visiting Associate Professor, Sichuan University, China.

Academic Administration

2015–2024. Director, Neurocognition, Neurocomputation, and Neurogenetics (N3) Division, Department of Psychiatry, Yale University School of Medicine, New Haven, CT

2011–2013. Administrative Director, Center for the Translational Neuroscience of Alcoholism, Department of Psychiatry, Yale School of Medicine, New Haven, CT

Education

2011. Ph.D., Psychology, Washington University in St. Louis, St. Louis, MO. Training in clinical neuropsychology and computational cognitive neuroscience.

2011. Clinical Neuropsychology Internship, Department of Psychiatry, Yale School of Medicine, New Haven, CT.

2004. B.S., Psychology & Neuroscience with a Concentration in Statistics, Drake University, Des Moines, IA.

Honors and Recognition

2025. Clarivate Highly Cited Researcher, Cross-Field.

2024. Clarivate Highly Cited Researcher, Cross-Field.

2023. Clarivate Highly Cited Researcher, Cross-Field.

2023. Blavatnik Award, Yale Ventures.

2022. Clarivate Highly Cited Researcher, Cross-Field.

2022. Yale Faculty Innovation Award, Yale Ventures.

2020. Yale Department of Psychiatry Chairman's Award.

2019. Joel Elkes Research Award – American College of Neuropsychopharmacology (ACNP).

2016. A.E. Bennett Research Award – Society of Biological Psychiatry.

2016. Rising Star Award – Schizophrenia International Research Society (SIRS).

2015. Gerald R. Klerman Prize for Exceptional Clinical Research, Brain & Behavior Research Foundation.

2015. NARSAD Independent Investigator Award.

2015. Society of Biological Psychiatry Top Poster Award (student: Genevieve Yang).

2015. Biological Psychiatry Ziskind-Somerfield Research Award Finalist Selection.

2014. APS Janet Taylor Spence Award for Transformative Early Career Contribution.

2014. Society of Biological Psychiatry Top Poster Award (finalist selection).

2013. Yale Center for Clinical Investigation Scholar Award.

2013. International Congress for Schizophrenia Research Young Investigator Award.

2012. NIH Director's Early Independence Award.

2012. NARSAD Young Investigator Award.

2011. Cold Spring Harbor Cognitive and Computational Neurobiology Fellowship.

2011. James Hudson Brown Research Fellowship in Medical Sciences – Yale University.

2011. Biological Psychiatry Top Poster Finalist Selection.

2010. Dissertation Fellowship Award – Washington University, St. Louis, MO.

2009. Society for Neuroscience Doctoral Student Award.

2008. Psychology, Neuroscience and Genetics Pathway Fellowship.

2007. Organization for Human Brain Mapping Doctoral Student Award.

2006. Doctoral fellowship, Washington University in St. Louis, St. Louis, MO.

Grants and Clinical Trial History

Award and budget periods describe funding; personal participation may end earlier. Effort percentages are allocations for the listed periods. NIH figures identify the fiscal year and project, program, core, or fellowship scope. Other amounts are reported project support. Program awards are distinct from personal funding, and awards and supplements are not summed across this history.

Total extramural support as PI, Co-PI, Site Co-PI, or Core Director during the Yale tenure exceeded $115M in total costs, as reported in the candidate's June 2026 curriculum vitae; NIH figures below are RePORTER fiscal-year amounts and are not intended to sum to that total.

1. **ProCAN: Psychosis Risk Outcomes Compound Assessment Network**
   NIH/NIMH — U01MH137298.
   Role: Co-PI with Scott Woods (2024); role transferred to Youngsun T. Cho after the September 2024 transition to full-time Manifest leadership.
   Award period: 2024–2029.
   NIH FY2024 parent program award: $14,993,866 total; $13,369,947 direct.
   Effort: 20%.

2. **Development of the QuNex Neuroimaging Informatics Platform**
   The Blavatnik Fund for Innovation at Yale.
   Role: PI: Alan Anticevic, Ph.D.
   Project funding period: 2023–2024.
   Reported project total: $300,000; annual direct costs $150,000.

3. **Targeting hippocampal hyperactivity in neuropsychiatry – A precision psychiatry approach**
   Boehringer Ingelheim.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2022–2025.
   Reported project total: $3,000,000; annual direct costs $1,000,000.
   Effort: 10%.

4. **Computational phenotyping of individual variation in latent-state learning, generalization and attention across the autism spectrum**
   Simons Foundation — SFARI 988485 (2022 Human Cognitive and Behavioral Science RFA).
   Role: Co-I; project leads: John D. Murray and Suma Jacob.
   Project period: 2022–2024.
   Effort: 5%.

5. **Center for the Translational Neuroscience of Alcoholism (CTNA) Translational Technologies Core**
   NIH/NIAAA — P50AA012870 (Translational Technologies Core).
   PI: John H. Krystal, M.D., & Alan Anticevic, Ph.D.
   Award cycle: 2021–2026.
   NIH FY2021 core subproject: $226,784 total; $135,394 direct.
   Effort: 13%.

6. **ProNET: Psychosis-Risk Outcomes Network Supplement**
   NIH/NIMH — 3U01MH124639-02S1.
   Role: Co-I; PI: Scott Woods, MD.
   Supplement budget period: September 2021–May 2022.
   NIH FY2021 program supplement: $2,115,894 total; $1,783,571 direct.
   Effort: 5%.
   Supplement to ProNET; listed separately from the parent program.

7. **Using Multimodal Neuroimaging and Real-World Experience Sampling to Understand Negative Affect and Paranoid Ideation in Psychosis**
   NIH/NIMH — R01MH121409.
   Role: Co-I; PI: Jack Blanchard, Ph.D.
   Award period: 2020–2026.
   NIH FY2021 project award: $729,242 total; $503,280 direct.
   Effort: 12%.

8. **ProNET: Psychosis-Risk Outcomes Network**
   NIH/NIMH — U01MH124639.
   Role: Co-I and Director of the Biomarker Data Transfer Core; program PI: Scott Woods.
   Award period: 2020–2027.
   NIH FY2021 parent program award: $12,623,656 total; $11,954,024 direct.
   Effort: 10%.

9. **Connectome Coordinating Facility (CCF) 2.0**
   NIH/NIMH — R24MH122820.
   Role: Project co-PI; federal program PIs: Daniel Marcus and David Van Essen.
   Award period: 2020–2025.
   NIH FY2021 parent facility award: $1,057,236 total; $690,392 direct.
   Effort: 3%.

10. **A Translational and Neurocomputational Evaluation of a D1R Partial Agonist for Schizophrenia**
    NIH/NIMH — U01MH121766; supplement 3U01MH121766-02S1.
    Role: Yale site co-PI with John H. Krystal; NIH multiple PI (FY2019–2020).
    Award period: 2019–2025.
    NIH FY2019 prime award administered at Yale: $3,804,360 total; $3,202,913 direct.
    Effort: 14%.
    Collaborative sites: Stony Brook (PI: Abi-Dargham); UPenn (PI: Gur); Columbia (PI: Lieberman)

11. **Computationally modeling large-scale neural dynamics in autism using existing neuroimaging and transcriptomic datasets**
    Simons Foundation SFARI Pilot Grant — SFARI 614955.
    Role: Co-PIs: Alan Anticevic, Ph.D. & John Murray, Ph.D.
    Project period: 2019–2021.
    Reported project total: $300,000.
    Effort: 10%.

12. **Brain Network Changes Accompanying and Predicting Responses to Pharmacotherapy in OCD**
    NIH/NIMH — R01MH116038.
    Role: PI: Alan Anticevic, Ph.D. & Christopher Pittenger, M.D., Ph.D. (Co-PIs).
    Award period: 2018–2024.
    NIH FY2019 project award: $751,765 total; $460,300 direct.
    Effort: 10%.

13. **Development of Thalamocortical Circuits and Cognitive Function in Healthy Individuals and Youth At-Risk for Psychosis**
    NIH/NIMH — R01MH115000.
    Role: PI: Alan Anticevic, Ph.D. & Neil Woodward, Ph.D. (Co-PIs).
    Award period: 2018–2023.
    NIH FY2018 project award: $447,624 total; $345,748 direct.
    Effort: 10%.

14. **Linking Gene Expression Topography to Human Neuroimaging via Biophysical Modeling**
    BlackThorn Therapeutics.
    Role: Co-PIs: Alan Anticevic, Ph.D. & John Murray, Ph.D.
    Project period: 2018–2019.
    Reported project total: $500,000.
    Effort: 10%.

15. **Evidence accumulation in obsessive-compulsive disorder during perceptual and value-based decisions**
    NIH/NIMH — R21MH115394.
    Role: Co-investigator; PI: Helen Pushkarskaya, Ph.D.
    Award period: 2018–2020.
    NIH project funding, FY2018–2019 awards: $275,000 direct; $460,625 total.

16. **Mapping the Longitudinal Neurobiology of Early-Course Schizophrenia**
    NIH/NIMH — R01MH112189 — U.S.–China Collaborative Grant.
    Role: Co-PIs: Alan Anticevic, Ph.D. & Gong Qiyong, Ph.D.
    Award period: 2017–2022.
    NIH FY2020 project award: $184,332 total; $125,396 direct.
    Effort: 10%.

17. **Linking Large-Scale Dysconnectivity in Schizophrenia to Cortical Circuit Function at the Individual Level through Computational Modeling and Multimodal Neuroimaging**
    NIH/NIMH — R01MH112746.
    Role: Co-investigator; PI: John Murray, Ph.D.
    Award period: 2017–2022.
    NIH FY2017 project award: $417,771 total; $263,125 direct.
    Effort: 17%.

18. **Glial and Synaptic Functions in Major Depression**
    NIH/NIMH — R01MH112668.
    Role: Co-investigator; PI: Chadi Abdallah, M.D.
    Award period: 2017–2023.
    NIH FY2017 project award: $521,809 total; $311,528 direct.
    Effort: 7%.

19. **A Computational Framework Relating Noninvasive Human Neuroimaging with Gene Expression Mapping to Facilitate Drug Discovery**
    BlackThorn Therapeutics.
    Role: Co-investigator; PI: John Murray, Ph.D.
    Project period: 2017–2018.
    Reported project total: $250,000.
    Effort: 10%.

20. **Characterizing Schizophrenia Progression via Multi-modal Neuroimaging & Computation**
NIH/NIMH — R01MH108590.
Role: PI: Alan Anticevic, Ph.D.
Award period: 2016–2023 (including extension).
NIH FY2016 project award: $477,420 total; $333,240 direct.
Effort: 22.5%.

21. **Characterizing the Neural Mechanisms Behind Cognitive and Motivational Deficits in Psychiatric Disorders**
BlackThorn Therapeutics.
Role: Co-PIs: Alan Anticevic, Ph.D., & John Murray, Ph.D.
Project period: 2016–2018.
Reported project total: $2,000,000.
Effort: 10%.

22. **Center for the Translational Neuroscience of Alcoholism (CTNA) Translational Technologies Core**
NIH/NIAAA — P50AA012870 (Translational Technologies Core).
Co-PIs: Alan Anticevic, Ph.D., & Joel Gelernter, M.D.
Award cycle: 2016–2021.
NIH FY2016 core subproject: $238,451 total; $172,283 direct.
Effort: 5%.

23. **Connectome Coordination Facility**
NIH/NIMH — R24MH108315.
Role: Co-I; PI: David Van Essen, Ph.D. & Daniel Marcus, Ph.D.
Award period: 2015–2021.
NIH FY2015 parent facility award: $750,000 total; $555,010 direct.
Effort: 15%.

24. **Multimodel Assessment of Social Process Systems across Neurodevelopmental Disorders**
NIH/NIMH — R01MH107426.
Role: Co-investigator; PI: James McPartland, Ph.D.
Award period: 2015–2018.
NIH FY2015 project award: $222,099 total; $133,393 direct.
Effort: 5%.

25. **Dissecting Psychosis via Multi-modal Neuroimaging, Pharmacology and Computation**
Brain & Behavior Research Foundation (formerly NARSAD) — Independent Investigator Award.
Role: PI: Alan Anticevic, Ph.D.
Project period: 2015–2017.
Reported project total: $100,000.
Effort: 7%.

26. **Gene Networks Influencing Psychotic Dysconnectivity in African Americans**
NIH/NIMH — R01MH106324.
Role: Co-investigator; PI: David Glahn, Ph.D.
Award period: 2014–2021.
NIH FY2015 project award: $899,203 total; $777,370 direct.
Effort: 2.5%.

27. **Predictors and Mechanisms of Conversion to Psychosis (1/9)**
NIH/NIMH — U01MH081902.
Role: Co-investigator; PI: Ty Cannon, Ph.D.
Award cycle: 2014–2019; extended through 2021.
NIH FY2014 project award: $1,154,701 total; $885,019 direct.
Effort: 15%.

28. **Thalamocortical Networks in Psychosis**
NIH/NIMH — R01MH102266.
Role: Co-investigator; PI: Neil Woodward, Ph.D.
Award period: 2014–2020.
NIH FY2014 project award: $457,687 total; $295,151 direct.
Effort: 10%.

29. **Neuropsychiatric Classification via Connectivity and Machine Learning**
NIH/NIMH — R03MH105765.
Role: PI: Alan Anticevic, Ph.D.
Award period: 2014–2016.
NIH FY2014 project award: $74,072 total; $52,200 direct.
Effort: 13.4%.

30. **Structural and Spectroscopy Pharmaco-Imaging Paradigm To Investigate The Effect Of Riluzole In Patients With Post-Traumatic Stress Disorder (PTSD)**
National Center for PTSD.
Role: Co-investigator (neuroimaging arm); PI: Chadi Abdallah, M.D.
Project period: 2013–2014.
Reported project total: $81,664.

31. **Translational perspective on alcohol vulnerability across levels of inquiry**
NIH/NIAAA — Directors Summit Award (PA-10-071).
Role: Co-investigator; PI: John H. Krystal, M.D.
Project period: 2013–2014.
Reported project total: $100,000.

32. **Whole Genome Sequencing to Identify Causal Genetic Variants Influencing CVD Risk**
NIH/NHLBI — 5R01HL113323-02.
Role: Co-investigator; PI: John Blangero, Ph.D. / David Glahn, Ph.D.
Referenced budget period: April 2013–March 2014.
NIH FY2013 project award: $1,468,531 total; $833,068 direct.

33. **Characterizing Cognitive Impairment in Schizophrenia via Computational Modeling and Pharmacological Neuroimaging**
NIH Office of the Director — Director's Early Independence Award — DP5OD012109.
Role: PI: Alan Anticevic, Ph.D.
Award period: 2012–2018 (including extension).
NIH FY2012 project award: $354,750 total; $250,000 direct.
Effort: 10.6%.
Declined award

34. **Generative models of fMRI for predictive biomarkers in Alzheimer's disease**
A2 Pilot Award Program.
Role: Proposed Co-I; project PI: Markus Helmer, Manifest Technologies, Inc.
Proposed project period: 2025–2026.
Proposed award: $150,000 (declined; not received).
Funding declined following the acquisition of Manifest Technologies in December 2024.

Mentored Awards

1. **Examining Longitudinal Cognitive-Motivational Interactions in Adolescents with Depression**
NIH/NIMH — K23MH121778.
Role: Primary mentor; PI: Youngsun Cho, M.D., Ph.D.
Award period: 2020–2025.
NIH project total, five FY2020–2024 awards: $974,700; annual total $194,940 (annual direct costs $180,500).

2. **Modeling Neuronal Dysfunction in Schizophrenia to Predict Neuroimaging Biomarkers**
NIH – Ruth L. Kirschstein National Research Service Award (NRSA) F30 — F30MH107149.
Role: Primary mentor; PI: Genevieve Yang, M.D./Ph.D. Candidate.
Fellowship award period: September 2015–November 2016.
NIH FY2015 fellowship award: $27,768 total; $27,768 direct.

3. **Excitatory/Inhibitory Imbalance in Autism and Early Course Schizophrenia**
Brain & Behavior Research Foundation (formerly NARSAD) — Young Investigator Award.
Role: Primary mentor; Awardee: Jenn Foss-Feig, Ph.D.
Project period: 2015–2017.
Reported project total: $60,000.

4. **Postdoctoral fellowship — Katrin Preller**
Swiss National Science Foundation — Post-Doctoral Fellowship.
Role: Primary mentor; PI: Katrin Preller, Ph.D.

5. **Evaluating the Computational Role of Dopamine 2 Receptors**
Bogue Research Fellowship.
Role: Primary mentor; PI: Rick Adams, M.D.
Project period: 2015–2016.
Reported project total: $10,000.

6. **Characterizing Reward Processing During Working Memory**
   Yale Department of Psychiatry — Detre Resident Award.
   Role: Primary mentor; Awardee: Youngsun Cho, M.D., Ph.D.
   Project period: 2013–2017.
   Reported project total: $60,000.

Pilot, Instrumentation and Conference Support

1. **Instrumentation EEG Grant for an MRI-compatible EEG system**
   U.S. Department of Veterans Affairs Instrumentation Grant.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2019–2021.
   Reported project total: $250,000.

2. **Characterizing Cross-Diagnostic Disturbances in Schizophrenia and Autism via Multimodal Neuroimaging**
   NIH / Yale Center for Clinical Investigation.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2017–2018.
   Reported project total: $45,000.

3. **Dedicated computational hardware donation**
   NVIDIA Hardware Grant.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2016–2017.
   In-kind NVIDIA hardware donation to accelerate group computation.

4. **Administrative Supplement to 1R03MH105765: Neuropsychiatric Classification via Connectivity and Machine Learning**
   NIH/NIMH — 3R03MH105765-02S1.
   Role: PI: Alan Anticevic, Ph.D.
   Supplement budget period: September 2015–August 2016.
   NIH FY2015 administrative supplement: $35,293 total; $24,872 direct.
   Concurrent with the parent R03 award.
   Administrative supplement; concurrent effort belongs to the parent R03 and is not added again.

5. **Working Memory Dysfunction in Schizophrenia and a Ketamine Model of Psychosis: Translating Computational Modeling to Neuroimaging**
   NIH / Yale Center for Clinical Investigation (YCCI) — Clinical Scholar Award.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2013–2015.
   Reported annual award support: $50,000.

6. **Working Memory Dysfunction in Schizophrenia and in a Ketamine Model of Psychosis: Translating Computational Modeling to Neuroimaging**
   Brain and Behavior Research Foundation (formerly NARSAD) — Young Investigator Grant.
   Role: PI: Alan Anticevic, Ph.D.
   Project period: 2013–2015.
   Reported project total: $60,000.

7. **JIT Pilot Award**
   NIH / Yale Center for Clinical Investigation (YCCI) — JIT Pilot Award.
   Role: Co-investigator; PI: Christopher Pittenger, MD, Ph.D.
   Project period: 2013–2014.
   Reported project total: $7,000.

8. **Siemens Educational Sponsorship Agreement for 3rd International Conference on Applications of Neuroimaging to Alcoholism (ICANA-3)**
   Siemens.
   Role: Co-PIs: Alan Anticevic, Ph.D. & John H. Krystal, M.D.
   Project period: 2013–2014.
   Reported project total: $3,000.

9. **Characterizing working memory dysfunction in schizophrenia via integration with bio-physically realistic computational modeling**
   Conway — Yale Research Fund – Small Pilot Award.
   Role: PI: Alan Anticevic, Ph.D. (Mentor: John H. Krystal, M.D.).
   Project period: 2012–2020.
   Reported project total: $30,000.

10. **3rd International Conference on Applications of Neuroimaging to Alcoholism**
    NIH/NIAAA — R13 Small Conference Grant (PA-10-071).
    Role: Co-investigator; PI: John H. Krystal, M.D.
    Project period: 2012–2013.
    Reported project total: $50,000.

11. **Characterizing fronto-limbic interactions in alcohol use disorders**
    NIAAA / Yale Center for the Translational Neuroscience of Alcoholism (CTNA) — Yale Center for the Translational Neuroscience of Alcoholism (CTNA) Pilot Project.
    Role: Project PI: Alan Anticevic, Ph.D.
    Project period: 2012–2013.
    Reported project total: $16,000.

12. **Emotion-cognition interaction in schizophrenia: effects of emotional interference on working memory**
    McDonnell Center Foundation at Washington University in St. Louis — McDonnell Cognitive, Computational, Systems Neuroscience Research Fund.
    Role: PI: Alan Anticevic, Ph.D. (Mentor: Deanna M. Barch, Ph.D.).
    Project period: 2008–2010.
    Reported project total: $25,000.

Trainees and Mentoring

Mentorship spans doctoral training, resident and early faculty development, postdoctoral research, and visiting fellowships.

Genevieve Yang, M.D., Ph.D. Doctoral mentorship shared with John H. Krystal; primary mentor on NIH F30MH107149.
Representative work: First-author studies of global brain signal and functional hierarchy in schizophrenia (*PNAS*, 2014 and 2016).
Subsequent career: Assistant Clinical Professor of Psychiatry, Icahn School of Medicine at Mount Sinai.

Youngsun T. Cho, M.D., Ph.D. Primary mentor on the Yale Detre Resident Award and NIH K23MH121778; mentorship during resident and early faculty research development.
Representative work: Working-memory incentive studies; collaborative TRANSCENDS research.
Subsequent career: Assistant Professor in the Child Study Center and Psychiatry, Yale School of Medicine; Director of the N3 Division and multiple PI on ProCAN.

Jennifer Foss-Feig, Ph.D. Postdoctoral mentorship; primary mentor on the Brain & Behavior Research Foundation Young Investigator Award.
Representative work: First-author review of excitation/inhibition imbalance in autism and schizophrenia (*Biological Psychiatry*, 2017).
Subsequent career: Associate Professor of Psychiatry, Icahn School of Medicine at Mount Sinai, and Seaver Autism Center for Research and Treatment.

Katrin Preller, Ph.D. Postdoctoral and visiting-fellow mentorship; primary mentor on the Swiss National Science Foundation postdoctoral fellowship.
Representative work: First-author pharmacological neuroimaging research on LSD (*eLife*, 2018) and psilocybin (*Biological Psychiatry*, 2020).
Subsequent career: Head of Experimental Medicine, Neuroscience & Mental Health Experimental Sciences, Boehringer Ingelheim.

Rick Adams. Visiting research fellow; primary mentor on the Bogue Research Fellowship.
Representative work: First-author computational modeling study of schizophrenia and synaptic-gain parameters (*Biological Psychiatry*, 2022).
Subsequent career: Professor of Computational Psychiatry, University College London.

Jie Lisa Ji, Ph.D. Doctoral mentorship in Yale's Interdepartmental Neuroscience Program, followed by postdoctoral research.
Representative work: First author of psychosis brain–behavior mapping (*eLife*, 2021) and QuNex (*Frontiers in Neuroinformatics*, 2023); co-inventor on US 12,154,677 B2.
Subsequent career: Manifest Technologies and Johnson & Johnson.

Markus Helmer, Ph.D. Postdoctoral co-mentorship with John D. Murray.
Representative work: First-author GEMMR methods paper on CCA/PLS stability (*Communications Biology*, 2024).
Subsequent career: Manifest Technologies and Johnson & Johnson.

Clara Fonteneau, Ph.D. Postdoctoral Associate at Yale, 2019–2020, advised by Alan Anticevic, Youngsun Cho, and John H. Krystal.
Representative work: First-author TRANSCENDS rationale and study design (*Journal of Psychiatric Research*, 2026); shared senior authorship on sertraline/placebo brain–behavior work (*Psychological Medicine*, 2025).
Subsequent career: Clinical Instructor (voluntary faculty), Psychiatry, Yale School of Medicine.

Flora Moujaes, Ph.D. Doctoral co-supervision with Katrin Preller, University of Zurich; earlier postgraduate research in the Anticevic laboratory at Yale.
Representative work: First-author ketamine connectivity-signature study (*eLife*, 2024).
Subsequent career: Postdoctoral Fellow, University of Zurich.

Kangjoo Lee, Ph.D. Postdoctoral Research Associate in Yale Psychiatry, November 2021–August 2023, co-mentored with John D. Murray.
Representative work: First-author brain-state dynamics study (*PLOS Biology*, 2024).
Subsequent career: Assistant Professor of Biomedical Engineering, Florida International University.

Lucie Berkovitch, M.D., Ph.D. Postdoctoral research in the Anticevic/Cho laboratory at Yale, 2021–2023; recipient of the 2021 Bettencourt Prize for Young Researchers.
Representative work: First-author sertraline/placebo brain–behavior study (*Psychological Medicine*, 2025).
Subsequent career: Psychiatrist, Neuromodulation Institute, GHU Paris Psychiatrie et Neurosciences.

Joshua Burt, Ph.D. Doctoral co-mentorship with John D. Murray.
Representative work: First-author BrainSMASH methods paper (*NeuroImage*, 2020).
Subsequent career: Industry data science.

Charles Schleifer. Undergraduate and postgraduate research mentorship at Yale.
Representative work: First-author study of thalamic and hippocampal connectivity in 22q11.2 deletion syndrome (*Journal of Neuroscience*, 2019).
Subsequent career: Psychiatry Resident, Yale School of Medicine; previously in the M.D./Ph.D. program at UCLA.

Publications

Publications are listed newest first, with complete author lists in published order. Publication types, earlier versions, corrections, and consortium attribution are identified within individual entries.

1. Wastler, H.M., Moe, A., Blouin, A.M., Bozzay, M., Kilicoglu, M.F.V., Arango, C., Bouix, S., Broome, M.R., Calkins, M.E., Conus, P., Corcoran, C.M., Crawford, C., Diaz-Caneja, C.M., Damiani, S., Fusar-Poli, P., Keshavan, M.S., Mittal, V.A., Nguyen, J., Schiffman, J., Shah, J.L., Yassin, W., Yung, A., Addington, J., Alameda, L., Cadenhead, K.S., Carrion, R.E., Castillo-Passi, R.I., Chen, E.Y.H., Choi, J., Cornblatt, B.A., Ellman, L.M., Gaspar, P.A., Gerber, C., Glenthøj, L.B., Horton, L.E., Hui, C.L.M., Kambeitz, J., Kambeitz-Ilankovic, L., Kim, M., Kim, S.W., Koutsouleris, N., Kwon, J.S., Langbein, K., Mamah, D., Mathalon, D.H., Nordentoft, M., Pearlson, G.D., Perez, J., Perkins, D.O., Powers, A.R. III, Rogers, J., Sabb, F.W., Silverstein, S.M., Smesny, S., Stone, W.S., Strauss, G.P., Thompson, J.L., Upthegrove, R., Verma, S., Wang, J., Wolf, D.H., Zhang, T., Pasternak, O., Kahn, R.S., Shenton, M.E., McGorry, P.D., Nelson, B., Kane, J.M., Bearden, C.E., Woods, S.W., Accelerating Medicines Partnership® Schizophrenia (AMP® SCZ), & Breitborde, N. (2026). Relationship among Sleep Disturbance, Stress, and Suicidal Ideation in Clinical High Risk for Psychosis. *Schizophrenia Bulletin Open*, 7(1), sgag024. doi:10.1093/schizbullopen/sgag024. *[Consortium collaboration]* Alan Anticevic is listed as an AMP SCZ collaborator; he is not a named byline author.

2. Cardoso Saraiva, L., Sato, J.R., Sebenius, I., Dzinalija, N., del Río-Torné, C., Godinho, F., Lopes, A.C., Fernandez, T.V., Lima, M.O., Ramos, V.R., Iglesio, R., Abe, Y., Alonso, P., Ameis, S.H., Anticevic, A., Araújo, A., Arnold, P.D., Balachander, S., Banaj, N., Batistuzzo, M.C., Benedetti, F., Bollettini, I., Bravi, B., Brennan, B., Buitelaar, J., Castelo-Branco, M., Choi, S., Costa, A.D., Dallaspezia, S., Denys, D., Duarte, I.C., Echevarria, M.A.N., Eng, G.K., Fernandes, A., Feusner, J.D., Figee, M., Fitzsimmons, S.M.D.D., Fontenelle, L.F., Grazioplene, R., Ha, M., Hinojosa, A., Hoexter, M.Q., Huijser, C., Hu, H., James, A., Kim, M., Kwon, J.S., Lazaro, L., Lochner, C., Machado-Sousa, M., van Marle, H., Martínez-Zalacaín, I., Mataix-Cols, D., Menchón, J.M., Minuzzi, L., Morgado, P., Muñoz-Moreno, E., Nakao, T., Narayanaswamy, J.C., Nurmi, E.L., O'Neill, J., Park, I., Phillips, M.L., Piacentini, J.C., Picó-Pérez, M., Piras, F., Piras, F., Postma, T.S., Li, C.S.R., Reddy, J.Y.C., van Rooij, D., Sakai, Y., de Salles Andrade, J.B., Scheffler, F., Shivakumar, V., Soreni, N., Stern, E.R., van der Straten, A., Thomopoulos, S.I., Tomiyama, H., Tovar-Moll, F., Vecchio, D., Veltman, D.J., Venkatasubramanian, G., Vriend, C., Wang, Z., van der Werf, Y.D., van Wingen, G., Zhao, Q., ENIGMA-OCD Working Group, Charney, A.W., Cho, Y.T., Shavitt, R.G., Pushkarskaya, H., Soriano-Mas, C., Romero-Garcia, R., Thompson, P.M., Stein, D.J., van den Heuvel, O.A., Winkler, A.M., Miguel Filho, E.C., Pittenger, C., & Cappi, C. (2026). Regional, functional and transcriptomic decoding of multidimensional brain structure alterations in obsessive-compulsive disorder. *Nature Communications*, 17(1), 8480. doi:10.1038/s41467-026-74153-2.

3. Pettine, W.W., Douka, I., Tseng, A., Yang, A., Anticevic, A., Docherty, A.R., Redish, A.D., Murray, J.D., & Jacob, S. (2026). Attention and learning strategies reveal distinct dimensions of psychiatric diseases. *Research Square*, rs.3.rs–9698354. doi:10.21203/rs.3.rs-9698354/v1. *[Preprint]*

4. Demšar, J., Kraljič, A., Matkovič, A., Brege, S., Pan, L., Tamayo, Z., Fonteneau, C., Helmer, M., Ji, J.L., Anticevic, A., Korponay, C., Salavrakos, M., Drucker, D., Glasser, M.F., Nickerson, L.D., Cho, Y.T., & Repovš, G. (2026). QuNex recipes: Executable, human-readable workflows for reproducible neuroimaging research. *Imaging Neuroscience*, 4, IMAG.a.1274. doi:10.1162/imag.a.1274. Earlier preprint: doi:10.1101/2025.11.08.687330.

5. Lee, K., Ji, J.L., Helmer, M., Murray, J.D., Krystal, J.H., & Anticevic, A. (2026). A Framework for Advancing Mechanistic Neurobehavioral Biomarkers in Psychiatry. *Biological Psychiatry*, 99(10), 896–908. doi:10.1016/j.biopsych.2025.09.013. *[Review/Perspective]*

6. Pak, M., Ryu, Y., Bae, S., Anticevic, A., Costa, A.D., Thorsen, A.L., van der Straten, A.L., Couto, B., Vai, B., Hansen, B., Soriano-Mas, C., Li, C.S.R., Vriend, C., Lochner, C., Pittenger, C., Moreau, C.A., Rodriguez-Manrique, D., Vecchio, D., Shimizu, E., Stern, E.R., Muñoz-Moreno, E., Nurmi, E.L., Piras, F., Colombo, F., Piras, F., Jaspers-Fayer, F., Benedetti, F., Venkatasubramanian, G., Eng, G.K., Simpson, H.B., Ruan, H., Hu, H., van Marle, H.J.F., Tomiyama, H., Martínez-Zalacaín, I., Feusner, J., Narayanaswamy, J.C., Yun, J.Y., Sato, J.R., Ipser, J., Pariente, J.C., Menchón, J.M., O'Neill, J., Kwon, J.S., Koch, K., Hagen, K., Backhausen, L., Waller, L., Lazaro, L., Batistuzzo, M.C., Hoexter, M.Q., Picó-Pérez, M., Kim, M., Dzinalija, N., Beyer, N., Vetter, N.C., Gruner, P., Morgado, P., Szeszko, P.R., Alonso, P., Zhao, Q., Marsh, R., Stewart, S.E., Bertolín, S., Brem, S., Thomopoulos, S.I., Balachander, S., Walitza, S., Yoshida, T., Nakao, T., Shivakumar, V., van Leeuwen, W., Reddy, Y.C.J., Abe, Y., Hirano, Y., Cho, Y., van der Werf, Y.D., Ikemizu, Y., Sakai, Y., Wang, Z., ENIGMA-OCD Working Group, Thompson, P.M., Bruin, W., van Wingen, G., Stein, D.J., van den Heuvel, O.A., & Cha, J. (2026). Toward trustworthy clinical AI for obsessive-compulsive disorder: reliability, generalizability, and interpretability of a transformer model across the ENIGMA-OCD consortium. *medRxiv*. doi:10.64898/2026.04.24.26351711. *[Preprint]*

7. Berkovitch, L., Lee, K., Ji, J., Helmer, M., Rahmati, M., Demsar, J., Kraljic, A., Matkovic, A., Tamayo, Z., Murray, J., Repovs, G., Krystal, J., Martin, W., Fonteneau, C., & Anticevic, A. (2026). A common symptom geometry of mood improvement under sertraline and placebo associated with distinct neural patterns – CORRIGENDUM. *Psychological Medicine*, 56, e118. doi:10.1017/s003329172610422x. *[Correction]* Corrects Publications, item 12 (p. 22).

8. Ruan, H., Chung, M.K., Bruin, W.B., Džinalija, N., Abe, Y., Alonso, P., Anticevic, A., Balachander, S., Batistuzzo, M.C., Benedetti, F., Bertolín, S., Brem, S., Cho, Y., Colombo, F., Couto, B., Eng, G.K., Ferreira, S., Feusner, J.D., Grazioplene, R.G., Gruner, P., Hagen, K., Hansen, B., Hirano, Y., Hoexter, M.Q., Ipser, J., Jaspers-Fayer, F., Kim, M., Kwon, J.S., Lazaro, L., Li, C.S.R., Lochner, C., Marsh, R., Martínez-Zalacaín, I., Menchón, J.M., Moreira, P.S., Morgado, P., Muñoz, E., Nakagawa, A., Narayanaswamy, J.C., Nurmi, E.L., O'Neill, J., Pariente, J.C., Piacentini, J.C., Picó-Pérez, M., Piras, F., Piras, F., Pittenger, C., Reddy, J.Y.C., Rodriguez-Manrique, D., Sakai, Y., Sato, J.R., Shimizu, E., Shivakumar, V., Simpson, H.B., Soriano-Mas, C., Sousa, N., Stern, E.R., Stewart, E., Szeszko, P.R., Thomopoulos, S.I., Thorsen, A.L., Vai, B., van der Straten, A., van der Werf, Y.D., van Leeuwen, W., van Marle, H., van Wingen, G., Vecchio, D., Venkatasubramanian, G., Vriend, C., Walitza, S., Wang, Z., Yoshida, T., Yun, J.Y., Zhao, Q., ENIGMA OCD Working Group, Thompson, P.M., Stein, D.J., van den Heuvel, O.A., & Koch, K. (2026). Disrupted Higher-Order Topology in OCD Brain Networks Revealed by Hodge Laplacian – an ENIGMA Study. *bioRxiv*. doi:10.64898/2026.03.04.709586. *[Preprint]*

9. Fonteneau, C., Tamayo, Z., Price, A., Pan, L., Afriyie-Agyemang, Y., Agrawal, S., Butler, A., Cail, C., Calkins, M., Chakilam, A.R., Forselius-Bielen, K., Fram, G., Frazier, A., Gil, R., Govil, P., Gray, D.L., Grinband, J., Gur, R.C., Haubold, N.K., Heffernan, Z., Heneks, M., Kegeles, L., Kohler, C., Lin, C., Lu, J., Mayer, M., Pham, P., Perlman, G., Rahmati, M., Ranganathan, M., Santamauro, N.P., Schutte, C.W., Selloni, A., Van Snellenberg, J., Surti, T., Wolf, D.H., Zharyy, C., TRANSCENDS Group, Abi-Dargham, A., Gur, R.E., Lieberman, J.A., Kantrowitz, J.T., Anticevic, A., Cho, Y.T., & Krystal, J.H. (2026). A translational neuroscience & computational evaluation of a D1R partial agonist for schizophrenia (TRANSCENDS): Rationale and study design of a brain-based clinical trial. *Journal of Psychiatric Research*, 194, 196–210. doi:10.1016/j.jpsychires.2025.12.020. Earlier preprint: doi:10.1101/2025.04.18.25326082.

10. Brady, L.S., Mahinrad, S., Edelmayer, R.M., Potter, W.Z., Hutten, S.J., Anticevic, A., Taylor-Burds, C., Winston, C.N., Coetzee, T., Paulsen, J.S., Mantua, V., Childers, E.P., Kolb, H.C., Jack, C.R. Jr, Jagust, W.J., Wagner, J.A., Sivakumaran, S., Shaw, L., & Sharma, V.M. (2025). Beyond Alzheimer's disease-translating biomarker insights across CNS diseases. *Science Translational Medicine*, 17(823), eadr2511. doi:10.1126/scitranslmed.adr2511. *[Review/Perspective]*

11. Bilgrami, Z.R., Castro, E., Agurto, C., Liebenthal, E., Ennis, M., Baker, J.T., Scott, I., Colton, B.L., Cho, K.I.K., Li, L., Tamayo, Z., Henecks, M., Rahimi Eichi, H., Henry, T., Addington, J., Alameda, L.K., Arango, C., Breitborde, N.J.K., Broome, M.R., Cadenhead, K.S., Calkins, M.E., Chen, E.Y.H., Choi, J., Conus, P., Cornblatt, B.A., Ellman, L.M., Fusar-Poli, P., Gaspar, P.A., Gerber, C., Glenthøj, L.B., Horton, L.E., Hui, C., Kambeitz, J., Kambeitz-Ilankovic, L., Keshavan, M.S., Kim, S.W., Koutsouleris, N., Kwon, J.S., Langbein, K., Mamah, D., Diaz-Caneja, C.M., Mathalon, D.H., Mittal, V.A., Nordentoft, M., Pearlson, G.D., Perez, J., Perkins, D.O., Powers, A.R. III, Rogers, J., Sabb, F.W., Schiffman, J., Shah, J.L., Silverstein, S.M., Smesny, S., Stone, W.S., Yassin, W., Strauss, G.P., Thompson, J.L., Upthegrove, R., Verma, S., Wang, J., Wolf, D.H., McGorry, P.D., Kahn, R.S., Kane, J.M., Anticevic, A., Bearden, C.E., Dwyer, D., Billah, T., Bouix, S., Pasternak, O., Shenton, M.E., Woods, S.W., Nelson, B., Accelerating Medicines Partnership® Schizophrenia (AMP® SCZ), Cecchi, G.A., Corcoran, C.M., & Wolff, P.M. (2025). Collecting language, speech acoustics, and facial expression to predict psychosis and other clinical outcomes: strategies from the AMP® SCZ initiative. *Schizophrenia*, 11(1), 125. doi:10.1038/s41537-025-00669-z.

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Software

QuNex – Quantitative Neuroimaging Environment & ToolboX. QuNex is an open-source software suite that collectively supports an extensible framework for data organization, preprocessing, quality assurance, and analyses across neuroimaging modalities.
URL: https://qunex.yale.edu/
Documentation: https://qunex.readthedocs.io/en/latest/

Associated publication: Ji et al., *Frontiers in Neuroinformatics* (2023), Publications, item 45, p. 30.
Contribution: Led the QuNex program (PI, Blavatnik Fund award); co-senior author of the platform publication with Grega Repovš.

BrainSMASH – Brain Surrogate Maps with Autocorrelated Spatial Heterogeneity. BrainSMASH is a Python-based computational platform for statistical testing of spatially autocorrelated brain maps. At the core of BrainSMASH is the ability to generate surrogate brain maps with spatial autocorrelation matched to a target brain map. Additional utilities are provided for users working with Connectome Workbench-style surface-based neuroimaging files.
URL: https://github.com/murraylab/brainsmash
Documentation: https://brainsmash.readthedocs.io/en/latest/

Associated publication: Burt et al., *NeuroImage* (2020), Publications, item 80, p. 37.
Contribution: Coauthor of the methods publication.

GEMMR – Generative Modeling of Multivariate Relationships. GEMMR provides tools for estimating required sample sizes for Canonical Correlation Analysis (CCA) and Partial Least Squares (PLS), generating synthetic datasets, and running and evaluating CCA/PLS analyses. The package also includes a Python wrapper for PMA, a sparse CCA implementation.
URL: https://github.com/murraylab/gemmr
Documentation: https://gemmr.readthedocs.io/en/latest/

Associated publication: Helmer et al., *Communications Biology* (2024), Publications, item 33, p. 28.
Contribution: Coauthor of the methods publication.

Issued U.S. Patents

US 12,154,677 B2, issued November 26, 2024. *Systems and methods for neuro-behavioral relationships in dimensional geometric embedding (N-BRIDGE).* Inventors: Alan Anticevic, John Murray, and Jie Lisa Ji. Applicant and assignee at issue: Yale University. PCT filed March 13, 2019 (PCT/US2019/022110); U.S. application published January 7, 2021 as US 2021/0005306 A1.

US 11,842,793 B2, issued December 12, 2023. *Methods and tools for detecting, diagnosing, predicting, prognosticating, or treating a neurobehavioral phenotype in a subject.* Inventors: John D. Murray, Alan Anticevic, and William J. Martin. Applicants: Neumora Therapeutics, Inc., and Yale University. Assignee at issue: Neumora Therapeutics, Inc. Filed February 3, 2021; priority October 2, 2017.

Published International Patent Applications

PCT/IB2025/052684; WO 2025/191514 A1, published September 18, 2025. *Systems and methods for diagnosing, prognosticating, selecting, or treating a subject based on embedding in a generative neural model feature space.* Inventors: Alan Anticevic, John Murray, Markus Helmer, Jie Lisa Ji, and Lining Pan. Applicant: Manifest Technologies, Inc.

PCT/US2024/043199; WO 2025/042969 A2, published February 27, 2025; international search report publication WO 2025/042969 A3, April 3, 2025. *Methods of identifying subjects for inclusion and/or exclusion in a clinical trial.* Inventors: Alan Anticevic, John Murray, Markus Helmer, Jie Lisa Ji, and Lining Pan. Applicant: Manifest Technologies, Inc. Filed August 21, 2024.

Invited Speaking Engagements

Upcoming invitations

1. Annual Conference on Precision Psychiatry, Center for Precision Psychiatry, Mass General Brigham Department of Psychiatry, Boston, MA. Invited Panelist. April 2027.
2. World Association for Personality Psychology (WAPP), 5th World Conference on Personality, Holiday Inn Mauritius Mon Tresor, Mauritius. Keynote Speaker. Presentation title: From Brain Mechanisms to Personality: A Quantitative Framework for Individual Differences. April 13–16, 2027.

Past invited lectures, panels and workshops

1. Johns Hopkins Schizophrenia Center Special Seminar, Johns Hopkins University, Baltimore, MD. Invited Speaker. May 21, 2026.
2. Center for Precision Psychiatry Seminar Series, Massachusetts General Hospital, Harvard. Presentation title: The Promise of Precision Psychiatry: Focus on Mechanisms of E/I Imbalance. December 2025.
3. Johnson & Johnson Neuroscience and JLABS, Society for Neuroscience (SfN) Satellite Meeting Circuit Breakthroughs Panel. Panel Title: "Circuit level excitation-inhibition imbalance as a driver of pathology in psychiatric and neurodegenerative disease". Presentation title: Targeting computational mechanisms of E/I imbalance in neuropsychiatry and neurodegeneration. Co-panelists: William Martin, Wayne Drevets, & Philip McGuire. November 2025.
4. University of Zagreb Department of Psychiatry Invited Lecture. Computational Neuroimaging Platform for Precision Medicine in Psychiatry. November 2024.
5. University of Minnesota Department of Psychiatry Invited Lecture. Towards Individualized Computational Neuroimaging for Precision CNS Therapeutics. April 2023.
6. Washington University in St. Louis Department of Radiology Invited Lecture. Towards Individualized Computational Neuroimaging for Precision CNS Therapeutics. February 2023.

7. Yale Magnetic Resonance Research Center Invited Seminar Series. Towards Individualized Pharmacological Neuroimaging for Precision Psychiatry. February 2023.
8. Johnson & Johnson Neuroscience and JLABS, Society for Neuroscience (SfN) Satellite Meeting, San Diego. Title: Circuit-based Precision Medicine Approaches for Neuropsychiatry. November 2022.
9. Brainhack Zagreb 2021, Zagreb, Croatia. Title: Quantifying the Brain-Behavioral Space across the Psychosis Spectrum for Neuroscience-Guided Therapeutic Target Selection. December 2021.
10. Grand Rounds at Stony Brook University Renaissance School of Medicine. Title: Quantifying the Brain-Behavioral Space across the Psychosis Spectrum for Neuroscience-Guided Therapeutic Target Selection. September 2021.
11. British Association for Psychopharmacology Symposium: What can computational analyses of brain imaging data tell us about mechanisms in psychiatric disorders? Title: Mapping brain-behavior space relationships along the psychosis spectrum. July 2021.
12. The New York Academy of Sciences: Advances in the Neurobiology of Mental Illness. Title: Brain-Behavioral Space across the Psychosis Spectrum for Neuroscience-Guided Therapeutic Target Selection. May 2021.
13. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). 5th HARMONY Conference at the National Institutes of Health. Title: Neuroimaging Task Force Update. November 2020.
14. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). 4th HARMONY Conference at the National Institutes of Health. Title: Neuroimaging Task Force Update. November 2019.
15. University of Ljubljana – SINAPSA Conference. Title: Computational Psychiatry: Linking Neuropharmacology, Neuroimaging and Biophysical Modeling. October 2019.
16. University of North Carolina Chapel Hill Neuroscience Retreat Seminar Series. Title: Computational Psychiatry: Linking Neuropharmacology, Neuroimaging and Biophysical Modeling. April 2019.
17. FNIH Biomarkers Consortium Neuroscience Symposium. Title: Developing Therapeutically Relevant and Neurobiologically Grounded Human Neuroimaging Markers for Psychosis. April 2019.
18. Advancing Discovery Summit 2019. Organized by NIMH in Partnership with the Stanley Center for Psychiatric Research at Broad Institute and the National Alliance on Mental Illness (NAMI). Title: Phasing of Treatments – Characterizing different mechanisms to address phase-specific neurobiology of the psychosis spectrum syndrome. March 2019.
19. Advancing Discovery Summit 2019. Organized by NIMH in Partnership with the Stanley Center for Psychiatric Research at Broad Institute and the National Alliance on Mental Illness (NAMI). Title: Developing Therapeutically Relevant and Neurobiologically Grounded Human Neuroimaging Markers for Psychosis. March 2019.

20. Washington University in St. Louis Neuroimaging Seminar Series. Invited Talk. Title: Linking Neuropharmacology, Neuroimaging and Biophysical Modeling to Inform Circuit Mechanisms. February 2019.
21. ACNP President's Plenary: From Genetics to the Neurobiology of Mental Illness. Title: Characterizing Neuro-Behavioral Geometry Embedding via Neuropharmacology, Transcriptomics and Clinical Neuroimaging. December 2018.
22. The EEG & Clinical Neuroscience Society (ECNS) Invited Lecture. Title: Towards computational neuropsychiatry. September 2018.
23. Austen Riggs Center – 2018 Erikson Institute Fall Conference for Scientists, Researchers, Scholars, and Clinician. Title: Duality's end: Computational psychiatry and the cognitive science of representation. September 2018.
24. Washington University in St. Louis Neuroimaging Laboratories Speaker Series. Title: Towards personalized medicine for psychiatric disorders via mapping neuro-behavioral relationships in dimensional geometric embedding (n-bridge). September 2018.
25. National Institutes of Mental Health Invited Lecture. Title: Mechanistically mapping the geometry of neuropsychiatric variation. August 2018.
26. Simons Foundation Invited Lecture. Title: Using computation, pharmacology and neuroimaging to characterize excitation-inhibition imbalance in neuropsychiatric illness. June 2018.
27. University of California, San Francisco Department of Psychiatry. Title: Towards computational psychiatry by integrating neuroimaging, pharmacology and biophysical modeling. June 2018.
28. Johns Hopkins Department of Psychiatry Research Conference Talk Series. Title: Computational psychiatry: Combining neuroimaging, pharmacology and modeling to understand schizophrenia neurobiology. May 2018.
29. Harmonization of at Risk Multisite Observational Networks for Youth (HARMONY). Title: Unifying neuroimaging markers to understand clinical connectomics. Neuroimaging Task Force presentation. 3rd HARMONY Conference, Munich, Germany. November 2017.
30. Sir Peter Mansfield MR Center – University of Nottingham Seminar Series. Title: Towards computational psychiatry: Combining neuroimaging, pharmacology and modeling to understand schizophrenia neurobiology. October 2017.
31. University of Glasgow Department of Psychology Colloquium Series. Title: Towards computational psychiatry: Combining neuroimaging, pharmacology and modeling to understand schizophrenia neurobiology. October 2017.
32. Center for Addiction and Mental Health, Department of Psychiatry, University of Toronto. Neuroimaging Seminar Series. Title: Towards computational psychiatry: Combining neuroimaging, pharmacology and modeling to understand schizophrenia neurobiology. September 2017.
33. Human Connectome Project (HCP) Course Invited Lecture. Title: Exploring the human connectome: Adapting HCP approaches to study brain disorders. June 2017.

34. NIH Common Fund: 2016 High-Risk, High-Reward Research Symposium. Title: Developing mechanistically-informed neuroimaging markers for mental illness via pharmacology & computation. December 2016.

35. Workshop on Convergent Neuroscience at the University of California, San Francisco (UCSF). Title: Mapping Mechanistic Biomarkers for Neuropsychiatric Disease. December 2016.

36. Harmonization of at Risk Multisite Observational Networks for Youth (HARMONY). Title: Unifying neuroimaging markers to understand clinical connectomics. Neuroimaging Task Force presentation. 2nd HARMONY Conference, King's College London. November 2016.

37. UCLA Neuroimaging Affinity Group Seminar Series. Title: Towards computational neuropsychiatry by combining neuroimaging, pharmacology & computation. November 2016.

38. Sackler Institute Science Seminar Series, Weill Cornell Medical College, Feil Family Brain and Mind Research Institute. Title: Developing mechanistically-informed neuroimaging markers for schizophrenia via pharmacology & computation. September 2016.

39. Human Connectome Project (HCP) Course Invited Lecture. Title: Understanding the clinical connectome: Application of HCP methods to neuropsychiatric illness. June 2016.

40. SUNY Downstate Department of Psychiatry Grand Rounds. Title: Developing Mechanistically-informed Neuroimaging Markers for Schizophrenia. June 2016.

41. Cold Spring Harbor Laboratory Course on Schizophrenia Invited Lecture. Title: Understanding schizophrenia mechanistically via neuroimaging, pharmacology and computation. June 2016.

42. University of Pennsylvania Department of Psychiatry Seminar Series. Title: Developing mechanistically-informed neuroimaging markers for schizophrenia via pharmacology and computation. March 2016.

43. Gordon Research Conference. Thalamo-cortical Interactions: Cell and Circuit Properties. Title: Characterizing thalamo-cortical disruptions in schizophrenia. February 2016.

44. Synapsa Seminar in Collaboration with University of Ljubljana Department of Psychology. Title: Emerging topics in neuropsychiatric research. January 2016.

45. University of Ljubljana Department of Psychology Invited Seminar. Title: Towards computational psychiatry via multi-modal neuroimaging, pharmacology, and computation. January 2016.

46. Huaxi Magnetic Resonance Research Center at West China Hospital, Sichuan University. Title: Towards computational psychiatry: Harnessing pharmacology, neuroimaging and computation. December 2015.

47. The Swartz Seminar Series, Center for Neural Science at New York University. Title: Developing mechanistic biomarkers for psychiatry: Harnessing pharmacology, neuroimaging and computation. December 2015.

48. Research Seminar Series at the NYU Langone Medical Center at New York University. Title: Towards mechanistic biomarkers for psychiatry via pharmacological neuroimaging and computation. November 2015.

49. UCLA Brain Mapping Annual Seminar Series. Title: Towards computational neuropsychiatry by combining neuroimaging, pharmacology & computation. October 2015.

50. Columbia Department of Psychiatry – Schizophrenia Research Division Seminar Series. Title: Towards computational neuropsychiatry by combining neuroimaging, pharmacology & computation. October 2015.

51. The Broad Institute Stanley Center Biennial Symposium on Severe Mental Illness: From Genetics to Translational Biology. Title: Towards translational neuroimaging biomarkers for severe mental illness. September 2015.

52. 2015 Human Connectome Project (HCP) Course Invited Lecture. Exploring the Human Connectome. Title: Adapting HCP approaches to study brain disorders. June 2015.

53. University of Maryland School of Medicine, Maryland Psychiatric Research Center. Title: Examining Progressive dysconnectivity in schizophrenia via neuroimaging, pharmacology and computation. June 2015.

54. UT Southwestern Medical Center, Department of Psychiatry. The Ken Altshuler M.D. Grand Rounds in Psychiatry Series. Title: Mechanistically understanding psychiatric disorders through computational psychiatry. Spring 2015.

55. Washington University in St. Louis, Department of Psychology – Brain, Behavior and Cognition Lecture Series. Title: Mechanistically understanding schizophrenia via neuroimaging, pharmacology and computation. Spring 2015.

56. New York Psychoanalytic Institute, Pfeffer Center for Neuropsychoanalysis. Title: Understanding psychopathology through neuroimaging and computation. Spring 2015.

57. University College London. Brain Meeting at Wellcome Trust Centre for Neuroimaging. Title: Towards computational neuropsychiatry via neuroimaging, pharmacology and computational modeling. Spring 2015.

58. 3rd Annual New England OCD Research Symposium Invited Lecture. Title: High-resolution structural and functional connectomics in OCD using new analytic tools from the Human Connectome Project. March 2015.

59. Brooklyn College, Department of Psychology Colloquium Series. Title: Characterizing neural system dysfunction in schizophrenia via connectivity, pharmacology and computation. Invited Fall 2014.

60. Department of Radiology, Huaxi MR Research Center (HMRRC), West China Hospital. Title: Combining connectivity, pharmacology and computation to understand schizophrenia. Fall 2014.

61. Brainhack Ignite Lecture. Invited lecture co-organized by New York University / Columbia Department of Psychiatry. Title: Leveraging computation and neuroimaging to understand psychiatric disease. Fall 2014.

62. Center for Molecular & Behavioral Neuroscience, Rutgers University. Title: Improving neuropsychiatric biomarkers via connectivity, pharmacology and computation. Fall 2014.

63. University of Pittsburgh, Department of Psychiatry. Title: Towards computational neuropsychiatry by combining neuroimaging, pharmacology and computation. Fall 2014.

64. National Institutes of Health. Title: Dissecting neuropsychiatric illness via connectivity, pharmacology and computation. Fall 2014.

65. Columbia University Medical Center, New York State Psychiatric Institute MRI Research Program Lecture Series. Title: Refining psychiatric biomarkers via pharmacology, computation, and connectivity. Summer 2014.

66. University of Zagreb, Department of Psychiatry. Title: Defining psychiatric biomarkers via neuroimaging and computation. April 2014.

67. Columbia University Department of Psychiatry – Lieber Center for Schizophrenia Research and Treatment seminar series. Title: Understanding schizophrenia via computational connectomics. Spring 2014.

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

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

70. Vanderbilt Brain Institute, Neuroscience Seminar Series. Title: Towards mechanistic understanding of neural system dysfunction in schizophrenia via connectivity, pharmacology and computation. October 2013.

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

72. 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.

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

74. University of Zagreb, Brain Institute. Title: Mapping thalamo-cortical function in neuropsychiatric illness. September 2013.

75. Northwestern University, Department of Psychiatry. Title: Examining cognitive deficits and connectivity disruptions in schizophrenia. July 2013.

76. University of Maryland, College Park, Department of Psychology. Title: Examining cognitive deficits and connectivity disruptions in schizophrenia. July 2013.

77. University of Maryland School of Medicine, Maryland Psychiatric Research Center. Title: Characterizing cognitive and connectivity deficits in schizophrenia. July 2013.

78. Columbia University Department of Psychiatry – Lieber Center for Schizophrenia Research and Treatment seminar series. Title: Characterizing prefrontal and thalamo-cortical dysconnectivity in schizophrenia and bipolar illness. July 2013.
79. NYU Department of Psychology. Title: Working memory dysfunction in schizophrenia: Translating computational modeling to neuroimaging. March 2013.
80. Columbia University Department of Psychiatry – Lieber Center for Schizophrenia Research and Treatment seminar series. Title: Working memory dysfunction in schizophrenia: Translating computational modeling to neuroimaging. June 2012.
81. Wellcome Trust / Cambridge University / UCL / Yale Workshop in London. Title: Working memory dysfunction in schizophrenia: Translating computational modeling to neuroimaging. October 2011.
82. Federation of European Neurosciences – SYNAPSA Regional Meeting, Ljubljana, Slovenia. Title: Emotional dysfunction in schizophrenia. September 2011.
83. University of Ljubljana Department of Psychology. Title: Using functional connectivity to understand emotion, cognition, and neuropsychiatric disease. June 2011.
84. Harvard University Department of Psychiatry, Massachusetts General Hospital. Title: Emotion-cognition interactions in schizophrenia. May 2011.
85. Columbia University Department of Psychology, Cognitive Lunch speaker series. Title: Emotion-cognition interactions in schizophrenia: effects of emotional interference on working memory. December 2010.
86. Washington University School of Medicine, Silvio Conte Center seminar speaker series. Title: Brain regions involved in resisting emotional distraction: implications for schizophrenia. March 2009.
87. Washington University, Department of Psychology, Clinical Science Seminar. Title: Long-term CBT for OCD in the context of multiple therapists. November 2008.
88. Washington University School of Medicine, Neuroimaging Laboratories, Department of Radiology Seminar. Title: Cortical surface-based analyses in functional neuroimaging: focus on working memory in schizophrenia. June 2007.

Abstracts

Selected authored and coauthored abstracts from 2015–2026, drawn from a full record of well over 300 abstracts. The citations identify individual roles where recorded; coauthorship does not identify the presenting author.

1. Helmer M, Ji JL, Demšar J, Pan L, Whelan C, Vairavan S, Murray JD, Martin WJ, Wittenberg G, Anticevic A. (2026). NAIO (Neuroscience and AI-Optimized Platform): A Multi-Modal Computational Platform for Informing Target and Indication Selection, Biomarker Readout, and Patient Stratification in CNS Drug Development. Poster W117, 64th Annual Meeting of the American College of Neuropsychopharmacology, Nassau, Bahamas, January 12–15, 2026. Presenter and senior author: Alan Anticevic.

2. Ji, J.L., Whelan, C., Vairavan, S., Pan, L., Helmer, M., Murray, J., Martin, W., Wittenberg, G., Anticevic, A. (2025). Presentation Title: Data-driven transdiagnostic symptom dimensions are driven by variance in different neural circuits. Presented at the Organization for Human Brain Mapping (OHBM), June 2025.

3. Zharyy, C., Fonteneau, C., Rahmati, M., Price, A., Gil, R., Govil, P., Grinband, J., Gur, R.C., Haubold, N.K., Heffernan, Z., Lu, J., Mayer, M., Ranganathan, M., Santamauro, N.P., Tamayo, Z., Van Snellenberg, J., Wolf, D.H., TRANSCENDS Group, Anticevic, A., Lieberman, J.A., Kantrowitz, J.T., Abi-Dargham, A., Gur, R.E., Krystal, J.H., Cho, Y. (2025). Presentation Title: Cross-Site Quality Assessment of Data From a Pharmacologic Neuroimaging Trial Targeting Working Memory Neural Circuits in Schizophrenia. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

4. Cail, C., Rahmati, M., Fonteneau, C., Zharyy, C., Forselius-Bielen, K., Beri, E., Miller, E., Santamauro, N., Anticevic, A., Cortes-Briones, J., Proulx, E., Preller, K.H., Cho, Y.T. (2025). Presentation Title: Resting-State Perfusion and Executive Control Task Performance in Psychosis Spectrum Disorder. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

5. Ji, J.L., Whelan, C., Vairavan, S., Pan, L., Helmer, M., Murray, J.D., Martin, W.J., Wittenberg, G.M., Anticevic, A. (2025). Presentation Title: Towards Precision Neuropsychiatry: Data-Driven Transdiagnostic Behavioral Dimensions Replicate and are Driven by Variance in Different Neural Circuits. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

6. Kang, J.W., Schleifer, C., Amir, C., Fung, H., Chang, S., Boen, R., Villalón-Reina, J., Di Biase, M.A., Pasternak, O., Addington, J., Anticevic, A., Cadenhead, K., Cannon, T., Cornblatt, B., Keshavan, M., Mathalon, D., Perkins, D., Stone, W., Walker, E., Woods, S.W., Karlsgodt, K., Bearden, C. (2025). Presentation Title: Characterizing White Matter Alterations in Youth at Clinical High Risk for Psychosis. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

7. Rahmati, M., Moujaes, F., Purg, N., Fonteneau, C., Santamauro, N., Tamayo, Z., Repovš, G., Preller, K.H., Anticevic, A., Fineberg, S., Murray, J., Krystal, J., Cho, Y. (2025). Presentation Title: BOLD Signal Can Capture Individual Variability in Spatial Working Memory Deficits Induced by Ketamine. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

8. Brege, S., Lee, K., Tamayo, Z., Grent-'t-Jong, T., Anticevic, A., Uhlhaas, P., Cho, Y., Fonteneau, C. (2025). Presentation Title: Identifying Neurobiological Mechanisms of Psychosis-Risk. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

9. Howell, A., Cho, Y., Murray, J., Anticevic, A., Lee, K. (2025). Presentation Title: Dynamic Structure-Function Coupling Across Intrinsic Brain States Reveals Links to Individual Cognitive and Behavioral Outcomes. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2025.

10. Fonteneau, C., Tamayo, Z., Brege, S., Pan, L., Heneks, M., Demsar, J., Ji, J.L., Kraljič, A., Murray, J.D., Repovš, G., Anticevic, A. (2024). Presentation Title: Scalable neuroinformatics infrastructure for brain-based clinical trials. Poster presented at the International Neuroinformatics Coordinating Facility (INCF) Conference, September 2024.

11. Miller, J., Ehrlich, D., Afriyie-Agyemang, Y., Santamauro, N., Tamayo, Z., Anticevic, A., Murray, J.D. (2024). Presentation Title: Contingency representations in prefrontal cortex unify goal-directed planning and working memory. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, June 2024.

12. Lee, K., Fonteneau, C., Price, A., Berkovitch, L., Ji, J.L., Tamayo, Z., Afriyie-Agyemang, Y., Howell, A., Repovš, G., Murray, J.D., Cho, Y., Anticevic, A. (2024). Presentation Title: Nonlinear Impact of Symptom Severity on Effect Size of Neuro-Symptom Variations in Psychosis. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, June 2024.

13. Fonteneau, C., Naganawa, M., Holmes, S., Helmer, M., Ji, J.L., Esterlis, I., Martin, W.J., Carson, R.E., Anticevic, A. (2024). Presentation Title: Advancing PET Surface-based Analysis – Integration in a Multimodal Imaging Pipeline. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, June 2024.

14. Lee, K., Yeo, T., Lynch, C., Anticevic, A. (2024). OHBM 2024 Symposia: Brain State and Trait Dynamics in Mental Illnesses, Organization for Human Brain Mapping (OHBM), Seoul, South Korea, June 2024.

15. Lee, K., Fonteneau, C., Price, A., Berkovitch, L., Ji, J.L., Tamayo, Z., Afriyie-Agyemang, Y., Howell, A., Repovš, G., Murray, J.D., Cho, Y., Anticevic, A. (2024). Presentation Title: Symptom Severity of Sample Population Impacts the Reproducibility of Neuro-Symptom Relationship in Psychosis. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

16. Ben-Zion, Z., Lee, K., Fonteneau, C., Liberzon, I., Shalev, A.Y., Hendler, T., Levy, I., Anticevic, A., Harpaz-Rotem, I. (2024). Presentation Title: Neurobehavioral Mapping of Posttraumatic Stress Disorder Development in Recent Trauma Survivors. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

17. Lee, K., Ji, J.L., Fonteneau, C., Berkovitch, L., Rahmati, M., Pan, L., Repovš, G., Krystal, J.H., Murray, J.D., Anticevic, A. (2024). Presentation Title: Human brain state dynamics reflect individual neuro-phenotypes. Clinical Applications of Precision Imaging Symposium, poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

18. Lee, K., Ji, J.L., Fonteneau, C., Berkovitch, L., Rahmati, M., Pan, L., Repovš, G., Krystal, J.H., Murray, J.D., Anticevic, A. (2024). Human brain state dynamics reflect individual neuro-phenotypes. Clinical Applications of Precision Imaging Symposium, Society of Biological Psychiatry Annual Meeting, May 9–11, 2024.

19. Howell, A.M., Warrington, S., Fonteneau, C., Cho, Y.T., Sotiropoulos, S., Murray, J.D., Anticevic, A. (2024). Presentation Title: Age and Sex Differences in the Hierarchical Organization of Cortical White Matter Projections Within the Thalamus. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

20. Agrawal, S., Pham, P.B., Frazier, A., Anticevic, A., Cho, Y.T. (2024). Presentation Title: A preliminary interim analysis of cognitive performance in adolescents with depression and neurotypical peers using the NIH Toolbox. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

21. Pham, P., Frazier, A., Agrawal, S., Anticevic, A., & Cho, Y. (2024). Presentation Title: Interactive effects of motivation and cognition in adolescents with depression and neurotypical peers. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2024.

22. Howell, A.M., Warrington, S., Fonteneau, C., Cho, Y.T., Sotiropoulos, S., Murray, J.D., Anticevic, A. (2024). Presentation Title: The spatial extent of anatomical connections within the thalamus varies across the cortical hierarchy in humans and macaques. Gordon Research Conference: Thalamocortical Interactions, 2024 Meeting, Ventura, CA.

23. Howell, A.M., Warrington, S., Fonteneau, C., Cho, Y.T., Sotiropoulos, S., Murray, J.D., Anticevic, A. (2024). Presentation Title: The spatial extent of anatomical connections within the thalamus varies across the cortical hierarchy in humans and macaques. Gordon Research Seminar: Thalamocortical Interactions, 2024 Meeting, Ventura, CA.

24. Sarantopoulos, C., Shin, D.E., Schleifer, C.H., Moujaes, F., Adkinson, B., Kolobaric, A., Flynn, M., Krystal, J.H., Repovš, G., Murray, J.D., Pittenger, C., Anticevic, A., Cho, Y.T. (2023). Presentation Title: Common and Distinct Effects of Incentives on Spatial Working Memory in Schizophrenia and Obsessive-Compulsive Disorder. Poster presented at the American College of Neuropsychopharmacology (ACNP) Meeting, December 2023.

25. Lee, K., Ji, J.L., Pan, L., Murray, J.D., Anticevic, A. (2023). Presentation Title: Spatiotemporal State-Trait Brain Dynamics Reveal Healthy Individuals with Distinct Brain States. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, July 2023.

26. Howell, A., Warrington, S., Ji, J.L., Cooper, R., Shinn, M., Fonteneau, C., Sotiropoulos, S., Murray, J.D., & Anticevic, A. (2023). Presentation Title: Pattern of Cortical White Matter Terminations Across Thalamus is Conserved Across Primates. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, July 2023.

27. Fonteneau, C., Berkovitch, L., Lee, K., Ji, J.L., Demšar, J., Kraljič, A., Matkovič, A., Tamayo, Z., Murray, J.D., Repovš, G., & Anticevic, A. (2023). Presentation Title: Mapping Individually Actionable Brain-Behavior Space Variation Across the Mood Spectrum. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), April 2023 and the Organization for Human Brain Mapping (OHBM) Conference, July 2023.

28. Lin, C., Fonteneau, C., Lee, K., Berkovitch, L., Pan, L., Tamayo, Z., Wei, X., Repovš, G., Murray, J.D., Lui, S., Gong, Q., & Anticevic, A. (2023). Presentation Title: Mapping the Neurobiological and Behavioral Progression of Early Course Schizophrenia. Poster presented at the Society of Biological Psychiatry Conference, April 2023 and the Organization for Human Brain Mapping (OHBM) Conference, July 2023.

29. Price, A., Fonteneau, C., Lee, K., Berkovitch, L., Ji, J.L., Pan, L., Tamayo, Z., Afriyie-Agyemang, Y., Howell, A., Repovš, G., Murray, J.D., Cho, Y., & Anticevic, A. (2023). Presentation Title: Characterizing Thalamocortical Network Development in Psychosis Spectrum Youth. Poster presented at the Society of Biological Psychiatry Conference, April 2023 and the Organization for Human Brain Mapping (OHBM) Conference, July 2023.

30. Frazier, A., Pham, P., Anticevic, A., & Cho, Y. (2023). Presentation Title: Effects of Motivation on Working Memory in Adolescents with Depression and Typical Peers. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), April 2023.

31. Howell, A., Warrington, S., Ji, J.L., Cooper, R., Shinn, M., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J.D., & Anticevic, A. (2023). Presentation Title: Hierarchical Organization of Cortical White Matter Projections across Thalamus Varies in Healthy Adults. Poster presented at the Annual Meeting of the Society of Biological Psychiatry (SOBP), April 2023.

32. Pham, P., Frazier, A., Anticevic, A., & Cho, Y. (2023). Presentation Title: Examining Cognition in Adolescents with Depression and Neurotypical Peers Using the NIH Toolbox: A Preliminary Interim Analysis. Poster presented at the Society of Biological Psychiatry (SOBP) Conference, April 2023.

33. Rahmati, M., Moujaesa, F., Schleifer, C., Ji, J.L., Fonteneau, C., Tamayo, Z., Santamauro, N., Repovš, G., Fineberg, S., Krystal, J., Murray, J.D., Cho, Y., & Anticevic, A. (2023). Presentation Title: Effects of NMDA Receptor Antagonist Ketamine on Neural Tuning. Poster presented at the Society of Biological Psychiatry (SOBP) Conference, April 2023.

34. Sarantopoulos, C., Shin, D.E., Schleifer, C.H., Moujaes, F., Adkinson, B., Ji, J.L., Kolabaric, A., Flynn, M., Santamauro, N., Krystal, J., Murray, J.D., Repovš, G., Martin, W.J., Pittenger, C., Anticevic, A., & Cho, Y. (2023). Presentation Title: Common and Distinct Effects of Incentives on Spatial Working Memory in Schizophrenia and Obsessive-Compulsive Disorder. Poster presented at the Society of Biological Psychiatry (SOBP) Conference, April 2023.

35. Schutte, C., Rahmati, M., Fonteneau, C., Fram, G., Schleifer, C., Adkinson, B., Kolabaric, A., Hill, N., Santamauro, N., Murray, J., Repovš, G., Cho, Y., & Anticevic, A. (2023). Presentation Title: Analyzing Temporal Stability of Working Memory Deficits in Early-Course Psychosis Spectrum Disorders. Poster presented at the Society of Biological Psychiatry (SOBP) Conference, April 2023.

36. Howell, A.M., Warrington, S., Ji, J.L., Cooper, R., Shinn, M., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J.D., & Anticevic, A. (2022). Presentation Title: Characterizing the spatial pattern of cortical tractography projections within the human thalamus. Annual Meeting of the Organization for Human Brain Mapping (OHBM) Conference, June 2022.

37. Ji, J.L., Demšar, J., Fonteneau, C., Warrington, S., Tamayo, Z., Kraljič, A., Matkovič, A., Purg, N., Helmer, M., Sotiropoulos, S.N., Murray, J.D., Anticevic, A*, Repovš, G.* (2022). Presentation Title: QuNex: A Scalable Platform for Integrative Multi-Modal Neuroimaging Data Processing and Analysis. Poster presented at the Organization for Human Brain Mapping (OHBM) Conference, June 2022. *Shared senior author.

38. Howell, A.M., Warrington, S., Ji, J.L., Cooper, R., Shinn, M., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J.D., & Anticevic, A. (2022). Presentation Title: Individual Variation of the Topography of Cortical White Matter Projections across Thalamus in Humans. Annual Meeting of the Society of Biological Psychiatry (SOBP) Conference, May 2022.

39. Ji, J.L., Demšar, J., Fonteneau, C., Warrington, S., Tamayo, Z., Kraljič, A., Matkovič, A., Purg, N., Helmer, M., Sotiropoulos, S.N., Murray, J.D., Anticevic, A*, Repovš, G.* (2022). Presentation Title: A Scalable Platform for Integrated Multi-modal Neuroimaging Data Processing and Analysis Across Psychiatric Studies. Poster presented at the Society of Biological Psychiatry (SOBP) Conference, April 2022. *Shared senior author.

40. Ji, J.L., Demšar, J., Fonteneau, C., Warrington, S., Tamayo, Z., Kraljič, A., Matkovič, A., Purg, N., Helmer, M., Sotiropoulos, S.N., Murray, J.D., Anticevic, A*, Repovš, G.* (2022). Presentation Title: QuNex: A Flexible and Scalable Environment for Comprehensive Neuroimaging Processing and Analysis. Poster presented at the Cognitive Neuroscience Society (CNS) Conference, April 2022. *Shared senior author.

41. Ji, J.L., Demšar, J., Fonteneau, C., Warrington, S., Tamayo, Z., Kraljič, A., Matkovič, A., Purg, N., Helmer, M., Sotiropoulos, S.N., Murray, J.D., Anticevic, A*, Repovš, G.* (2022). Presentation Title: A Scalable Platform for Integrated Multi-modal Neuroimaging Processing and Analysis Across Psychosis Spectrum Studies. Poster presented at the Congress for the Schizophrenia International Research Society, April 2022. *Shared senior author.

42. Collins, M.A., Ji, J.L., Chung, Y., Lympus, C.A., Afriyie-Agyemang, Y., Addington, J., ... Anticevic, A., ... & Cannon, T.D. (April 2022). Presentation Title: Accelerated cortical thinning precedes and predicts conversion to psychosis: The NAPLS3 longitudinal study of youth at clinical high-risk. Presentation at the Schizophrenia International Research Society Annual Meeting, Florence, Italy.

43. Han, G., Trevisan, D., Foss-Feig, J., Srihari, V., Anticevic, A., & McPartland, J. (2021). Presentation Title: Core autism symptoms are connected to schizophrenia symptoms: Examination of autism and schizophrenia symptom overlap using network analysis. E-Poster presented at the Annual Meeting of the International Society for Autism Research (INSAR), May 2021.

44. Grazioplene, R., Hampson, M., Anticevic, A., & Pittenger, C. (2021). Presentation Title: Obsessive Compulsive Symptom Dimensions are Linked to Altered White Matter Microstructure in a Community Sample of Adolescents. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2021.

45. Adams, R., Pinotsis, D., Tsirlis, K., Ji, J.L., Repovš, G., Murray, J.D., Friston, K., Hong, E., & Anticevic, A. (2021). Presentation Title: Computational Modelling of EEG and fMRI Paradigms Reveals a Consistent Loss of Pyramidal Cell Synaptic Gain in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP) Conference, May 2021.

46. Huang, A., Rogers, B., Sheffield, J., Vandekar, S., Anticevic, A., & Woodward, N. (2021). Presentation Title: Age and Sex Effects of Thalamocortical Functional Connectivity in Typically Developing Youth and Youth with Psychosis Spectrum Symptoms. Annual Meeting of the Society of Biological Psychiatry (SOBP) Conference, May 2021.

47. Huang, A., Rogers, B., Sheffield, J., Jalbrzikowski, M., Anticevic, A., Blackford, J., Heckers, S., & Woodward, N. (2021). Presentation Title: Thalamic Nuclei Volumes in Psychotic Disorders and Youth With Psychosis Spectrum Symptoms. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2021.

48. Howell, A., Warrington, S., Ji, J.L., Shinn, M., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J., & Anticevic, A. (2021). Presentation Title: Cortical Projection Topography Across Thalamus Reflects Large-Scale Brain Organization. Annual Meeting of the Society of Biological Psychiatry (SOBP) Conference, May 2021.

49. Anticevic, A. (2021). Co-chaired Symposium for the Schizophrenia International Research Society (SIRS). Symposium Title: Current Status of Model/Hypothesis-Driven Researches of Schizophrenia in the Age of RDoC. Presentation Title: Mapping Brain-Behavioral Relationships from a Low-Dimensional Symptom Geometry for Personalized Patient Segmentation. Speakers: Alan Anticevic, Myata Jun, Ana Pinheiro, & Akira Sawa. Annual Meeting of the Schizophrenia International Research Society (SIRS), April 2021.

50. Ji, J.L., Helmer, M., Burt, J., Tamayo, Z., Demsar, J., Adkinson, B., Savic, A., Preller, K., Moujaes, F., Margin, W., Repovš, G., Murray, J.D., Anticevic, A. (2020). Presentation Title: Tools for Neuroimaging-Behavioral Relationships in Dimensional Geometric Embedding (N-BRIDGE). Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

51. Fonteneau, C., Ji, J.L., Demsar, J., Kraljič, A., Matkovič, A., Tamayo, Z., Foss, V., Rodriguez, O., Gersberg, P., Murray, J.D., Martin, W., Repovš, G., Anticevic, A. (2020). Presentation Title: Mapping Individually Actionable Brain-Behavior Space Variation Across the Mood Spectrum. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

52. Fonteneau, C., Howell, A., Fram, G., Butler, A., Afriyie-Agyemang, Y., Martell, D., Ji, J.L., Repovš, G., Woodward, N., Anticevic, A. (2020). Presentation Title: Mapping Neurodevelopmental Trajectories of Thalamo-cortical Systems Across the Mental Health Spectra. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

53. Moujaes, F., Ji, J.L., Preller, K., Vollenweider, F., Schleifer, C., Adkinson, B., Fineberg, S., Krystal, J.H., Repovš, G., Santamauro, N., Savic, A., Cho, Y., Murray, J.D., Anticevic, A. (2020). Presentation Title: Ketamine's influence on global rs-fMRI and individual variation in neuro-behavioral relationships. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

54. Howell, A., Warrington, S., Ji, J.L., Kolobaric, A., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J.D., Anticevic, A. (2020). Presentation Title: Exploring the topography of structure-function mappings across cortico-thalamic systems. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

55. Cooper, R., Demirtas, M., Burt, J., Howell, A., Ji, J.L., Murray, J.D., Anticevic, A. (2020). Presentation Title: Personalized Circuit Modeling Captures Individual Variation in Functional Dynamics of Human Cortex. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

56. Burt, J., Helmer, M., Shinn, M., Anticevic, A., & Murray, J.D. (2020). Presentation Title: Generative Modeling of Brain Maps with Spatial Dependence. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

57. Warrington, S., Helmer, M., Ji, J.L., Mohammadi-Nejad, A.R., Anticevic, A., Murray, J.D., & Sotiropoulos, S. (2020). Presentation Title: Exploring the stability of canonical correlation analysis between imaging and non-imaging datasets. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

58. Helmer, M., Warrington, S., Ji, J.L., Anticevic, A., Sotiropoulos, S., & Murray, J.D. (2020). Presentation Title: On discovery of brain-phenotype relationships: detection, estimation, and prediction. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2020.

59. Cummings, E., Bagdasarov, A., Carlos, C., Kala, S., Naples, A., Wolf, J.M., Foss-Feig, J.H., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Neural Response to Emotional Faces as a Predictor of Anxiety in Adults with Autistic Traits. International Society for Autism Research (INSAR), June 2020.

60. Gabriel, E., Cummings, E., Bagdasarov, A., Carlos, C., Kala, S., Naples, A., Wolf, J.M., Foss-Feig, J.H., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Reduced Emotion-Specific Neural Response to Faces Relates to Impaired Emotion Recognition in Adults with ASD and Typical Development. International Society for Autism Research (INSAR), June 2020.

61. Naples, A., Wolf, J.M., Carlos, C., Foss-Feig, J.H., Anticevic, A., Kala, S., Bagdasarov, A., Cummings, E., Srihari, V., & McPartland, J. (2020). Presentation Title: Dynamics of E/I Activity Predict Social and Sensory Symptoms Transdiagnostically. International Society for Autism Research (INSAR), June 2020.

62. Keller, K., Grosman, H., Naples, A., Kala, S., Bagdasarov, A., Cummings, E., Carlos, C., Wolf, J.M., Srihari, V., Anticevic, A., McPartland, J., & Foss-Feig, J.H. (2020). Presentation Title: EEG Correlates of Excitatory/Inhibitory Balance during Visual Perception in Autism and Schizophrenia Spectrum Disorders. International Society for Autism Research (INSAR), June 2020.

63. Carlos, C., Bagdasarov, A., Cummings, E., Kala, S., Naples, A., McAllister, T., Wolf, J.M., Foss-Feig, J.H., Srihari, V., Anticevic, A., & McPartland, J. (2020). Presentation Title: Intraindividual Variability in Spectral Power Slope and Spectral Band Power Demonstrates Concordance with Sensory Processing Deficits in Adults with Autism Spectrum Disorder. International Society for Autism Research (INSAR), June 2020.

64. Bagdasarov, A., Carlos, C., Cummings, E., Kala, S., Parker, T.C., Naples, A., Wolf, J.M., Foss-Feig, J.H., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Microstate Analysis of Resting-State Electroencephalography in Autism Spectrum Disorder. International Society for Autism Research (INSAR), June 2020.

65. Eiland, A., Kala, S., Bagdasarov, A., Cummings, E., Carlos, C., Naples, A., Wolf, J.M., Foss-Feig, J.H., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Occipital Resting-State Alpha Lateralization as a Predictor of Social Responsiveness in Adults with Autism Spectrum Disorder (ASD). International Society for Autism Research (INSAR), June 2020.

66. Singer, L.H., Bagdasarov, A., Cummings, E., Kala, S., Carlos, C., Wolf, J.M., Naples, A., Foss-Feig, J.H., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Sex Differences in the Association Between Neural Response to Emotional Faces and Reciprocal Social Interaction in Adults with ASD. International Society for Autism Research (INSAR), June 2020.

67. McAllister, T., Naples, A., Bagdasarov, A., Carlos, C., Cukar-Capizzi, C. C., Kala, S., Wolf, J.M., Anticevic, A., Srihari, V., & McPartland, J. (2020). Presentation Title: Convolutional Auto-Encoder for ERP Morphological Analysis. International Society for Autism Research (INSAR), June 2020.

68. Anticevic, A. (Co-Chair: John Murray). (2020). Co-Chaired Symposium for the Society for Biological Psychiatry. Symposium Title: Data-Driven Discovery of Dimensional NeuroBehavioral Variation Across the Mental Health Spectrum for Precision Computational Psychiatry. Presentation Title: Personalized Neuro-Behavioral Mapping Along the Psychosis and Mood Spectra Emerges From a Low-Dimensional Symptom Geometry. Invited Speakers: Alan Anticevic, Simon Eickhoff, John Murray, & Janine Bijsterbosch. Society for Biological Psychiatry (SOBP), May 2020.

69. Helmer, M., Ji, J.L., Anticevic, A., & Murray, J.D. (2020). Presentation Title: On Discovery of Brain-Phenotype Relationships: Detection, Estimation, and Prediction. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2020.

70. Howell, A., Warrington, S., Ji, J.L., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J.D., & Anticevic, A. (2020). Presentation Title: Defining Targeted Projection Patterns in Thalamus Using Diffusion Weighted Imaging. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2020.

71. Fonteneau, C., Howell, A., Fram, G., Butler, A., Afriyie-Agyemang, Y., Ji, J.L., Repovš, G., Woodward, N., & Anticevic, A. (2020). Presentation Title: Mapping Neurodevelopmental Trajectories of Thalamo-Cortical Systems Across the Mental Health Spectra. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2020.

72. Huang, A., Rogers, B., Sheffield, J., Jalbrzikowski, M., Anticevic, A., Blackford, J., Heckers, S., & Woodward, N. (2020). Presentation Title: Thalamic Nuclei Volumes in Psychotic Disorders and Youth With Psychosis Spectrum Symptoms. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2020.

73. Di Biase, M., Karayumak, S. C., Zalesky, A., Kubicki, M., Rathi, Y., Lyons, M. G., Bouix, S., Billah, T., Higger, M., Anticevic, A., Addington, J., Bearden, C. E., Cornblatt, B. A., Keshavan, M. S., Mathalon, D. H., McGlashan, T. H., Perkins, D. O., Cadenhead, K. S., Tsuang, M. T., Woods, S. W., Seidman, L. J., Stone, W. S., Shenton, M. E., Cannon, T. D., & Pasternak, O. (2020). Presentation Title: Advances in Diffusion Imaging in Psychosis Risk: A Cross-Sectional and Longitudinal Study of White Matter Development. Congress of the Schizophrenia International Research Society (SIRS), April 2020.

74. Dickie, E., Shahab, S., Miranda, D., Herman, G., Argyelan, M., Ji, J. L., Jeyachandra, J., Viviano, J., Anticevic, A., Malhotra, A., & Voineskos, A. (2019). Presentation Title: Robust Hierarchically Organized Whole-Brain Patterns of Dysconnectivity in Schizophrenia Spectrum Disorders Observed After Personalized Intrinsic Network Topography. Annual Meeting of the American College of Neuropsychopharmacology (ACNP), December 2019.

75. Schleifer, C., Lin, A., Kushan, L., Ji, J. L., Yang, G., Bearden, C. E., & Anticevic, A. (2019). Presentation Title: Dissociable Disruptions in Thalamic and Hippocampal Resting-State Functional Connectivity in Youth with 22q11.2 Deletions. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

76. Fonteneau, C., Ji, J. L., Howell, A., Repovš, G., Dickie, E. W., Coalson, T. S., Andersson, J., Glasser, M. F., & Anticevic, A. (2019). Presentation Title: Advancing Legacy fMRI Analyses: Towards Fieldmap-Free Susceptibility Distortion Correction of GRE EPI Data. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

77. Burt, J. B., Preller, K. H., Demirtaş, M., Vollenweider, F., Anticevic, A., & Murray, J. D. (2019). Presentation Title: Large-Scale Model of Human Cortex Captures LSD-Induced Connectivity Changes via HTR2A-Mediated Gain Modulation. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

78. Howell, A., Warrington, S., Ji, J. L., Adkinson, B., Fonteneau, C., Sotiropoulos, S., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Characterizing Higher-Order Thalamo-Cortical Projection Patterns in Humans. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

79. Fonteneau, C., Howell, A., Kolobaric, A., Ji, J. L., Repovš, G., Woodward, N. D., & Anticevic, A. (2019). Presentation Title: Mapping Neurodevelopmental Trajectories of Thalamo-Cortical Systems Across the Mental Health Spectra. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

80. Ji, J. L., Helmer, M., Burt, J. B., Adkinson, B., Kolobaric, A., Flynn, M., Hill, N., Schleifer, C. H., Tamayo, Z., Savic, A., Cho, Y., Repovš, G., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Neuro-Behavioral Multivariate Markers for Personalized Patient Segmentation, Selection and Treatment Response Prediction Along the Psychosis Spectrum. Annual Meeting of the Society for Neuroscience (SfN), October 2019.

81. Ličen, M., Slapničar, S., Ozimič, A. S., Hartmann, F., Anticevic, A., & Repovš, G. (2019). Presentation Title: Social Incentives Shape Neural Circuits Underlying Cognitive Control. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

82. Cao, H., Chen, O. Y., McEwen, S. C., Forsyth, J. K., Gee, D. G., Bearden, C. E., Addington, J., Goodyear, B., Cadenhead, K. S., Mirzakhanian, H., Cornblatt, B. A., Carrión, R. E., Mathalon, D. H., McGlashan, T. H., Perkins, D. O., Belger, A., Thermenos, H., Tsuang, M. T., van Erp, T., Walker, E. F., Hamann, S., Anticevic, A., Woods, S. W., & Cannon, T. D. (2019). Presentation Title: Cross-Paradigm Connectivity: Reliability, Stability, and Utility. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

83. Demirtaş, M., Burt, J. B., Helmer, M., Ji, J. L., Adkinson, B. D., Glasser, M. F., Van Essen, D. C., Sotiropoulos, S. N., Anticevic, A., & Murray, J. D. (2019). Presentation Title: Hierarchical Heterogeneity Across Human Cortex Shapes Large-Scale Neural Dynamics. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

84. Gruner, P., Anticevic, A., & Pittenger, C. (2019). Presentation Title: Aberrant Causal Reasoning in Obsessive-Compulsive Disorder (OCD). Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

85. Tamayo, Z., Nelson, K., Wright, C., Ji, J. L., Krystal, J. H., Murray, J. D., Pittenger, C., Holt, B., Olsen, T., Ramaratnam, M., Marcus, D., & Anticevic, A. (2019). Presentation Title: Yale XNAT: HPC Computing Scheduler & Container Integrated Multimodal Analytic Platform. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

86. Anticevic, A., Tamayo, Z., Ji, J. L., Murray, J. D., Adkinson, B., Schleifer, C., Kolobaric, A., Cho, Y., Kraljič, A., Purg, N., Ozimič, A. S., & Repovš, G. (2019). Presentation Title: MNAP: Multimodal Neuroimaging Analysis Platform for Flexible, Extensible and Rapid Analyses. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

87. Ji, J. L., Burt, J., Adkinson, B., Kolobaric, A., Flynn, M., Adams, R., Savic, A., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Characterizing Individual Variation in Neural Connectivity and Behavior in the Psychosis Spectrum. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2019.

88. Moujaes, F., Schleifer, C., Ji, J. L., Adkinson, B., Kolobaric, A., Flynn, M., Fineberg, S., Krystal, J. H., Repovš, G., Cho, Y., Santamauro, N., Morgan, P., Savic, A., Murray, J. D., & Anticevic, A. (2019). Presentation Title: NMDAR Antagonism via Ketamine Differentially Modulates Thalamic Versus Hippocampal Brain-Wide Functional Connectivity. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

89. Kolobaric, A., Savic, A., Ji, J. L., & Anticevic, A. (2019). Presentation Title: Mapping Functional Thalamic Subnuclei Alterations Across the Psychosis Spectrum. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

90. Burt, J., Preller, K., Demirtaş, M., Ji, J. L., Krystal, J. H., Vollenweider, F., Anticevic, A., & Murray, J. D. (2019). Presentation Title: Large-Scale Model of Human Cortex Captures LSD-Induced Functional Alterations via HTR2A-Mediated Neural Gain Modulation. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

91. Ji, J. L., Burt, J., Adkinson, B., Kolobaric, A., Flynn, M., Adams, R., Savic, A., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Characterizing Variation in Connectivity and Behavior in the Psychosis Spectrum: Towards Identifying Individualized Treatments. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

92. Kolobaric, A., Anticevic, A., Hu, X., Xiao, Y., Hu, J., Li, F., Bi, F., Cole, M., Murray, J. D., Wang, X., Huang, X., Lui, S., Krystal, J. H., & Gong, Q. (2019). Presentation Title: Examining the Neurobiological Progression of Early Course Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

93. Cho, Y., Schleifer, C., Moujaes, F., Starc, M., Ji, J. L., Santamauro, N., Adkinson, B., Kolobaric, A., Flynn, M., Krystal, J. H., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Monetary Incentives Shape Behavioral and Neural Precision of Spatial Working Memory. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

94. Gruner, P., Koller, W., Anticevic, A., & Pittenger, C. (2019). Presentation Title: Aberrant Causal Reasoning in Obsessive-Compulsive Disorder (OCD). Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

95. Long, Y., Ji, J. L., & Anticevic, A. (2019). Presentation Title: Gender Differences in Stability of Brain Functional Connectivity. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

96. Moujaes, F., Preller, K., Vollenweider, F. X., Schleifer, C., Ji, J. L., Adkinson, B., Kolobaric, A., Flynn, M., Fineberg, S., Krystal, J., Repovš, G., Santamauro, N., Morgan, P., Savic, A., Cho, Y., Murray, J. D., & Anticevic, A. (2019). Presentation Title: NMDA Receptor Antagonism Effects on Delayed Spatial Working Memory and Distraction in Comparison With Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2019.

97. Anticevic, A. (2019). Participant in Symposium for the Society of Biological Psychiatry (Chair: William Carpenter Jr.; Co-Chair: Bruce Cuthbert). Symposium Title: Advance of Science in the RDoC Paradigm. Presentation Title: Mapping Neuro-Behavioral Relationships in Dimensional Geometric Embedding (N-BRIDGE) via Pharmacology, Computation and Clinical Neuroimaging: Unifying Categories and Dimensions Along the Psychosis Spectrum. Speakers: Hilgo Bruining, Jan Sprengers, Dorinde Marije van Andel, & Alan Anticevic. Society of Biological Psychiatry (SOBP), May 2019.

98. Anticevic, A. (2019). Co-Chaired Symposium for the Society of Biological Psychiatry. Symposium Title: Excitation-Inhibition Balance as a Stepping Stone for Stratification and Rational Interventions in Neurodevelopmental Disorders. Presentation Title: Using Computation, Pharmacology and Neuroimaging to Characterize Excitation-Inhibition Imbalance in Neuropsychiatric Illness. Speakers: Hilgo Bruining, Jan Sprengers, Dorinde Marije van Andel, & Alan Anticevic. Society of Biological Psychiatry (SOBP), May 2019.

99. Ellison, K. S., Wolf, J., Winkelman, T., Jarzabek, E., Naples, A., Foss-Feig, J., Srihari, V., Anticevic, A., & McPartland, J. (2019). Presentation Title: Association Between Self-Reported and Clinician-Rated Anxiety in Adults with Autism Spectrum Disorder and Adults with Schizophrenia Spectrum Disorders. International Society for Autism Research (INSAR), May 2019.

100. Trevisan, D. A., Ellison, K. S., Foss-Feig, J., Jarzabek, E., Lewis, B., Srihari, V., Anticevic, A., McNaughton, K. A., Naples, A., Rolison, M. J., Wolf, J., Winkelman, T., & McPartland, J. (2019). Presentation Title: Positive and Negative Symptomology in ASD and Schizophrenia. International Society for Autism Research (INSAR), May 2019.

101. McAllister, T., Naples, A., Bagdasarov, A., Carlos, C., Cukar-Capizzi, C. C., Hamo, E., Jarzabek, E., Kala, S., McNair, M. L., Stahl, D., Winkelman, T., Wolf, J., Anticevic, A., Srihari, V., & McPartland, J. (2019). Presentation Title: Spline Fitting for More Robust ERP-Derived Dependent Variables. International Society for Autism Research (INSAR), May 2019.

102. Naples, A., Foss-Feig, J., Ellison, K. S., Lewis, B., Srihari, V., Anticevic, A., & McPartland, J. (2019). Presentation Title: Waveform Morphology in EEG Parses Heterogeneity in Autism and Schizophrenia. International Society for Autism Research (INSAR), May 2019.

103. Winkelman, T., Naples, A., McAllister, T., Jarzabek, E., Wolf, J., Foss-Feig, J., Srihari, V., Anticevic, A., & McPartland, J. (2019). Presentation Title: Early Visual Processing Indicates Excitation/Inhibition Imbalance in Adults with Autism and Schizophrenia. International Society for Autism Research (INSAR), May 2019.

104. Ji, J. L., Adkinson, B., Kolobaric, A., Flynn, M., Adams, R. A., Burt, J. B., Savic, A., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Neuro-Behavioral Relationships in Dimensional Geometric Embedding. Congress of the Schizophrenia International Research Society (SIRS), April 2019.

105. Anticevic, A. (2019). Presentation Title: Mapping Neuro-Behavioral Relationships in Dimensional Geometric Embedding (N-BRIDGE) via Pharmacology, Computation and Clinical Neuroimaging: Unifying Categories and Dimensions Along the Psychosis Spectrum. Congress of the Schizophrenia International Research Society (SIRS), April 2019.

106. Ji, J. L., Burt, J., Preller, K., Adkinson, B., Kolobaric, A., Flynn, M., Adams, R., Savic, A., Murray, J. D., & Anticevic, A. (2019). Presentation Title: Characterizing Individual Variation in Multivariate Connectivity and Behavior Along the Psychosis Spectrum. Annual Cognitive Neuroscience Society (CNS) Meeting, March 2019.

107. Gruner, P., Anticevic, A., & Pittenger, C. (2018). Presentation Title: Aberrant Causal Reasoning in Obsessive-Compulsive Disorder (OCD). Annual Meeting of the American College of Neuropsychopharmacology (ACNP), December 2018.

108. Cho, Y., Schleifer, C., Moujaes, F., Starc, M., Ji, J. L., Santamauro, N., Adkinson, B., Kolobaric, A., Flynn, M., Krystal, J. H., Murray, J. D., & Anticevic, A. (2018). Presentation Title: Monetary Incentives Shape Behavioral and Neural Precision of Spatial Working Memory. Annual Meeting of the American College of Neuropsychopharmacology (ACNP), December 2018.

109. Repovš, G., Anticevic, A., Ji, J. L., Murray, J. D., Adkinson, B. D., Schleifer, C. H., Tamayo, Z., & Slana, O. A. (2018). Presentation Title: MNAP: Multimodal Neuroimaging Analysis Platform for Flexible, Extensible and Rapid Analytic Throughput. Society for Neuroscience (SfN) Annual Meeting, November 2018.

110. Cho, Y., Schleifer, C. H., Moujaes, F., Starc, M., Ji, J. L., Santamauro, N., Adkinson, B., Kolobaric, A., Flynn, M., Krystal, J., Murray, J. D., Repovš, G., & Anticevic, A. (2018). Presentation Title: Monetary Incentives Shape Behavioral and Neural Precision of Spatial Working Memory. Society for Neuroscience (SfN) Annual Meeting, November 2018.

111. Repovš, G., Anticevic, A., Ji, J. L., Murray, J. D., Adkinson, B., Schleifer, C. H., Tamayo, Z., Flynn, M., Kolobaric, A., Cho, Y. T., Kraljič, A., Purg, N., & Slana Ozimič, A. (2018). Presentation Title: MNAP: Multimodal Neuroimaging Analysis Platform for Flexible, Extensible and Rapid Analytic Throughput. Society for Neuroscience (SfN) Annual Meeting, November 2018.

112. Ji, J. L., Adkinson, B., Kolobaric, A., Flynn, M., Adams, R. A., Burt, J. B., Savic, A., Murray, J. D., & Anticevic, A. (2018). Presentation Title: Neuro-Behavioral Relationships in Dimensional Geometric Embedding. Society for Neuroscience (SfN) Annual Meeting, November 2018.

113. Anticevic, A., Ji, J. L., Adkinson, B., Sotiropoulos, S. N., Kraljič, A., Dickie, E., Voineskos, A., Coalson, T. S., Van Essen, D. C., Glasser, M. F., & Repovš, G. (2018). Presentation Title: Bringing Legacy Neuroimaging Data into the Human Connectome Project's CIFTI Analysis Framework. Society for Neuroscience (SfN) Annual Meeting, November 2018.

114. Grazioplene, R. G., Schleifer, C., Negaro, S., Addington, J., Bearden, C. E., Cadenhead, K., Cornblatt, B., Mathalon, D., McGlashan, T., Perkins, D., Seidman, L., Tsuang, M., Walker, E., Woods, S., Anticevic, A., & Cannon, T. D. (2018). Presentation Title: Next-Generation Diffusion Imaging Reveals Novel White Matter Alterations Linked to Psychosis Conversion: Findings from the Third Wave Sample of the NAPLS Consortium. Annual Meeting of the Society for Research in Psychopathology (SRP), September 2018.

115. Dickie, E. W., Anticevic, A., Smith, D. E., Coalson, T. S., Manogaran, M., Calarco, N., Viviano, J. D., Glasser, M. F., Van Essen, D. C., & Voineskos, A. N. (2018). Presentation Title: Ciftify: A Framework for Surface-Based Analysis of Legacy Magnetic Resonance Imaging Acquisitions. Annual INCF Congress on Neuroinformatics, August 2018.

116. Glasser, M. F., Coalson, T. S., Bijsterbosch, J. D., Harrison, S. J., Harms, M. P., Anticevic, A., Van Essen, D. C., & Smith, S. M. (2018). Presentation Title: Using Temporal ICA to Selectively Remove Global Noise While Preserving Global Signal in Functional MRI Data. Joint Annual Meeting of the International Society for Magnetic Resonance in Medicine (ISMRM) and the European Society for Magnetic Resonance in Medicine and Biology (ESMRMB), June 2018.

117. Stahl, D., Naples, A., Wolf, J., McNaughton, K. A., Day, T. C., Lewis, B., Jarzabek, E., Ellison, K. S., Altschuler, M. R., Hasselmo, S., Halligan, T., Winkelman, T., Hamo, E., Foss-Feig, J., Srihari, V., Anticevic, A., & McPartland, J. (2018). Presentation Title: Effect of Eye Contact and Anxiety Symptoms on ERPs in Autism Spectrum Disorder and Schizophrenia. International Society for Autism Research (INSAR), May 2018.

118. Shulman, K., Ellison, K. S., Wolf, J., McNaughton, K. A., Day, T. C., Winkelman, T., Rolison, M. J., Lewis, B., Jarzabek, E., Foss-Feig, J., Naples, A., Anticevic, A., Srihari, V., & McPartland, J. (2018). Presentation Title: Transdiagnostic Relationships Among Social Communication and Neural Response to Dynamic Social Stimuli. International Society for Autism Research (INSAR), May 2018.

119. McNaughton, K. A., Naples, A., Day, T. C., Winkelman, T., Rolison, M. J., McAllister, T., Stahl, D., Hasselmo, S., Halligan, T., Lewis, B., Ellison, K. S., Jarzabek, E., Wolf, J., Foss-Feig, J., Anticevic, A., Srihari, V., & McPartland, J. (2018). Presentation Title: Neural Response to Eye Gaze Differentiates ASD Diagnostic Status Among Adults Meeting ADOS-2 Criteria. International Society for Autism Research (INSAR), May 2018.

120. Day, T. C., Naples, A., Lewis, B., McNaughton, K. A., Halligan, T., Winkelman, T., Rolison, M. J., McAllister, T., Chang, S. A. A., Ellison, K. S., Jarzabek, E., Wolf, J., Foss-Feig, J., Srihari, V., Anticevic, A., & McPartland, J. (2018). Presentation Title: Shared and Distinct Features of Dynamic Emotional Face Processing in Autism Spectrum Disorder and Schizophrenia as Measured by Neural and Behavioral Responses. International Society for Autism Research (INSAR), May 2018.

121. Anticevic, A. (2018). Chaired Symposium for the Society of Biological Psychiatry. Symposium Title: Towards Convergent Clinical Neuroscience: Integrating Genetics, Computation & Pharmacological Neuroimaging to Understand Psychosis Biomarker Mechanisms. Presentation Title: Using Pharmacological Neuroimaging to Understand Microcircuit Excitation/Inhibition Imbalance in Humans. Invited Speakers: Alan Anticevic, Carrie Bearden, Joshua Gordon, John Murray, & Etienne Sibille. Society of Biological Psychiatry (SOBP), May 2018.

122. Murray, J., Demirtaş, M., Burt, J., Ji, J. L., Preller, K., Martin, W., & Anticevic, A. (2018). Presentation Title: Computational Modeling of Topographic Variation in Microcircuitry Across Human Cortex: Toward Linking Molecular Alterations with Neuroimaging Biomarkers. Society of Biological Psychiatry (SOBP), May 2018.

123. Adkinson, B., Kolobaric, A., Flynn, M., Dowiak, C., Schleifer, C., Santamauro, N., Beech, C., Lobe, J., Zalevsky, O., Cho, Y., Pittenger, C., & Anticevic, A. (2018). Presentation Title: Characterizing Reward Responsiveness in Obsessive-Compulsive Disorder and Schizophrenia Through a Probabilistic Reward Task. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

124. Baran, B., Karahanoglu, F., Demanuele, C., Vangel, M., Stickgold, R., Anticevic, A., & Manoach, D. (2018). Presentation Title: Abnormal Thalamocortical Functional Connectivity Correlates With Sleep Spindle Deficits in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

125. Adkinson, B., Long, Y., Schleifer, C., Flynn, M., Kolobaric, A., Dowiak, C., Ji, J. L., Santamauro, N., Cho, Y., Sotiropoulos, S., & Anticevic, A. (2018). Presentation Title: Super-Resolution Diffusion Weighted Imaging in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

126. Ji, J. L., Adkinson, B., Burt, J. B., Rattanasumawong, W., Sotiropoulos, S., Murray, J., & Anticevic, A. (2018). Presentation Title: Characterizing Individual Variation in Multi-Modal Thalamic Connectivity and Behavior. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

127. Demirtaş, M., Burt, J. B., Helmer, M., Ji, J. L., Preller, K., Schleifer, C., Adkinson, B., Dowiak, C., Flynn, M., Anticevic, A., & Murray, J. D. (2018). Presentation Title: Neural Circuit Model of Pharmacological Interventions to Large-Scale Cortical Dynamics Applied to Clinical Neuroimaging. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

128. Adkinson, B., Schleifer, C., Flynn, M., Kolobaric, A., Dowiak, C., Ji, J. L., Santamauro, N., Srihari, V., Savic, A., Cho, Y., Sotiropoulos, S., & Anticevic, A. (2018). Presentation Title: A Voxel-Wise Multimodal Mapping of Structural and Functional Thalamic Dysconnectivity in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

129. Cho, Y., Schleifer, C., Moujaes, F., Starc, M., Ji, J. L., Santamauro, N., Adkinson, B., Lituchy, M., Krystal, J., Murray, J., Repovš, G., & Anticevic, A. (2018). Presentation Title: Effects of Incentive Presentation on Spatial Working Memory Performance. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

130. Jacobs, G., Ameis, S., Dickie, E., Viviano, J., Wheeler, A., Stojanovski, S., Ji, J. L., Anticevic, A., & Voineskos, A. (2018). Presentation Title: Sex-Specific Overlapping Structural and Functional Circuit Differences in Youth With Psychosis Spectrum Symptoms. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2018.

131. Anticevic, A. (2018). Chaired Symposium for the Schizophrenia International Research Society (SIRS). Symposium Title: Tracking the mechanisms underlying working memory dysfunction in schizophrenia from cortical microcircuits to the systems level. Presentation Title: Characterizing Large-Scale Network Dysconnectivity in Schizophrenia: Modeling Altered Excitation/Inhibition Balance. Speakers: Robert Bittner, Alan Anticevic, Dibyadeep Datta, Megan Ichinose, Sohee Park, Junghee Lee. Annual Meeting of the Schizophrenia International Research Society (SIRS), April 2018.

132. Unruh, L., Adams, R., Anticevic, A., & Hong, L. E. (2018). Presentation Title: Resting EEG Changes in Schizophrenia. Annual Meeting of the Schizophrenia International Research Society (SIRS), April 2018.

133. Murray, J. D., Demirtaş, M., Burt, J. B., Helmer, M., Ji, J. L., Eckner, W., Navejar, N., Martin, W. J., Bernacchia, A., & Anticevic, A. (2018). Presentation Title: Hierarchy as a Principle for Microcircuit Specialization and Large-Scale Dynamics of Human Cortex. Annual Conference on Computational and Systems Neuroscience (COSYNE), March 2018.

134. Helmer, M., Burt, J. B., Demirtaş, M., Schleifer, C. H., Adkinson, B. A., Ji, J. L., Anticevic, A., & Murray, J. D. (2017). Presentation Title: Relationships Between MEG and BOLD Resting-State Connectivity: Insights From Computational Modeling. Annual Meeting of the Society for Neuroscience (SfN), November 2017.

135. Burt, J., Eckner, W., Demirtaş, M., Wang, J., Navejar, N., Ji, L., Bernacchia, A., Anticevic, A., & Murray, J. (2017). Presentation Title: Hierarchical organization of microcircuit specialization across human cortex captured by myelin content topography. Annual Meeting of the Society for Neuroscience (SfN), November 2017.

136. Demirtaş, M., Helmer, M., Burt, J., Ji, L., Sotiropoulos, S., Anticevic, A., & Murray, J. D. (2017). Presentation Title: Hierarchical heterogeneity of circuit properties across human cortex links multiple temporal scales of spontaneous dynamics. Annual Meeting of the Society for Neuroscience (SfN), November 2017.

137. Gasparovic, H., Kopjar, T., Radoš, M., Anticevic, A., Radoš, M., Malojčič, B., Ivančan, V., Fabijanić, T., Čikes, M., Miličič, D., Gasparovic, V., & Biocina, B. (2017). Presentation Title: Remote Ischemic Preconditioning Preceding Coronary Artery Bypass Grafting Reduces the Volume of Ischemic Brain Injury (NCT02177981). Annual Meeting of the American Heart Association (AHA), November 2017.

138. Ji, L., Diehl, C., Schleifer, C., Yang, G., Creatura, G., Repovš, G., Murray, J., Winkler, A., & Anticevic, A. (2017). Presentation Title: Schizophrenia Exhibits Bi-Directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. Annual Meeting of the Society for Neuroscience (SfN), November 2017.

139. Anticevic, A. (2017). Co-organized Symposium for the Society for Neuroscience. Symposium Title: Computational Psychiatry: Multi-Scale Models of Mental Illnesses. Presentation Title: Leveraging Pharmacological Manipulations to Develop Psychiatric Neuroimaging Markers. Symposium Chair: Michele Ferrante. Speakers: Alan Anticevic, John Krystal, John Murray, & Xiao-Jing Wang. Annual Meeting of the Society for Neuroscience (SfN), November 2017.

140. Anticevic, A. (2017). Co-organized Symposium for WPA XVII World Congress of Psychiatry, Berlin 2017. Presentation Title: Schizophrenia and Adolescence: Contribution and Mechanisms of Late Developmental Disturbances Toward Expression of Psychosis and Cognitive Deficits. Symposium Chair: Peter Uhlhaas. Speakers: Peter Uhlhaas, Guillermo Gonzalez, Nitin Gogtay, & Alan Anticevic. World Congress of Psychiatry, October 2017.

141. Anticevic, A. (2017). Co-organized Symposium for WPA XVII World Congress of Psychiatry, Berlin 2017. Presentation Title: Leveraging Pharmacological Manipulations to Develop Psychiatric Neuroimaging Markers. Symposium Chair: Alan Anticevic. Speakers: Peter Uhlhaas, Katrin Preller, John Krystal, & Alan Anticevic. World Congress of Psychiatry, October 2017.

142. Cho, Y. T., Schleifer, C. H., Ji, L., Santamauro, N., Adkinson, B., Lituchy, M. B., Krystal, J. H., Murray, J. D., Repovš, G., & Anticevic, A. (2017). Presentation Title: Incentives to Perform: The Effects of Reward on Working Memory. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

143. Helmer, M., Burt, J. B., Demirtaş, M., Schleifer, C. H., Adkinson, B. A., Ji, L., Anticevic, A., & Murray, J. D. (2017). Presentation Title: Relationships Between MEG and BOLD Resting-State Connectivity: Insights From Computational Modeling. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

144. Burt, J., Eckner, W., Demirtaş, M., Wang, J., Navejar, N., Ji, L., Bernacchia, A., Anticevic, A., & Murray, J. (2017). Presentation Title: Hierarchical Organization of Cortical Circuit Specialization Captured by Human Myelin Map Topography. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

145. Schleifer, C., Lin, A., Kushan, L., Yang, G., Bearden, C., & Anticevic, A. (2017). Presentation Title: Reciprocal Disruptions in Cortico-Thalamic and Hippocampal Resting-State Functional Connectivity in Youth with 22q11 Deletion Syndrome. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

146. Ji, L., Diehl, C., Schleifer, C., Yang, G., Creatura, G., Repovš, G., Murray, J., Winkler, A., & Anticevic, A. (2017). Presentation Title: Schizophrenia Exhibits Bi-Directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

147. Adkinson, B., Schleifer, C., Yao, N., Barrett, J., Ji, L., Glahn, D., & Anticevic, A. (2017). Presentation Title: Characterizing Structural and Functional Brain Connectivity Changes in African Americans with Schizophrenia and Affective Psychosis. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

148. Preller, K. H., Schleifer, C., Stämpfli, P., Krystal, J. H., Vollenweider, F. X., & Anticevic, A. (2017). Presentation Title: Changes in Resting-State Global Brain Connectivity in LSD-Induced Altered States of Consciousness Are Attributable to the 5-HT_{2A} Receptor. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2017.

149. Cho, Y. T., Schleifer, C. H., Ji, L., Santamauro, N., Adkinson, B., Lituchy, M. B., Krystal, J. H., Murray, J. D., Repovš, G., & Anticevic, A. (2017). Presentation Title: Incentives to Perform: The Effects of Reward on Working Memory. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

150. Anticevic, A. (2017). Co-organized Symposium for the Society of Biological Psychiatry (SOBP). Symposium Title: Schizophrenia Through fMRI's Prism: Brain Network Dysfunction and the Pathophysiology of the Illness. Presentation Title: NMDAR Antagonism via Ketamine Differentially Modulates Thalamic Versus Hippocampal Functional Connectivity. Symposium Chair: Ivy Tso. Speakers: Ivy Tso, Florian Schlagenhauf, Vaibhav Diwadkar, & Alan Anticevic. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

151. Schleifer, C., Lin, A., Kushan, L., Yang, G., Bearden, C., & Anticevic, A. (2017). Presentation Title: Reciprocal Disruptions in Cortico-Thalamic and Hippocampal Resting-State Functional Connectivity in Youth with 22q11 Deletion Syndrome. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

152. Ji, L., Diehl, C., Schleifer, C., Yang, G., Creatura, G., Repovš, G., Murray, J., Winkler, A., & Anticevic, A. (2017). Presentation Title: Schizophrenia Exhibits Bi-Directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

153. Bearden, C., Schleifer, C., Lin, A., Kushan, L., Ji, L., & Anticevic, A. (2017). Presentation Title: Reciprocal Disruptions in Cortico-Thalamic and Hippocampal Connectivity in Youth at Genetic High Risk for Psychosis. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

154. Demirtaş, M., Burt, J. B., Yang, G. J., Ji, L., Anticevic, A., & Murray, J. D. (2017). Presentation Title: Modeling Hierarchical Heterogeneity of Cortical Circuits in Large-Scale Networks with Relevance to Functional Dysconnectivity in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

155. Adkinson, B., Schleifer, C., Yao, N., Barrett, J., Ji, L., Glahn, D., & Anticevic, A. (2017). Presentation Title: Characterizing structural and functional brain connectivity changes in African Americans with schizophrenia and affective psychosis. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

156. Preller, K. H., Schleifer, C., Stämpfli, P., Krystal, J. H., Vollenweider, F. X., & Anticevic, A. (2017). Presentation Title: Changes in resting-state global brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT_{2A} receptor. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2017.

157. Halligan, T. A., Naples, A., Wolf, J., Chang, S. A. A., Malak, S. M., Trapani, J. A., Day, T. C., McNaughton, K. A., Rolison, M. J., Jarzabek, E., Ellison, K., Lewis, B., Foss-Feig, J. H., Srihari, V., Anticevic, A., & McPartland, J. (2017). Presentation Title: The Relationship Between Neural Correlates of Face Processing and Social Communication in Individuals with ASD and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2017.

158. Foss-Feig, J. H., Rolison, M., Isenstein, E., Naples, A., McNaughton, K. A., Day, T. C., Krystal, J. H., Srihari, V., Anticevic, A., & McPartland, J. (2017). Presentation Title: Probing Visual Correlates of Excitatory/Inhibitory Imbalance Using EEG: A Transdiagnostic Study in ASD and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2017.

159. Hasselmo, S., Malak, S. M., Trapani, J. A., Rolison, M. J., McNaughton, K. A., Day, T. C., Chang, S. A. A., Ellison, K., Lewis, B., Jarzabek, E., Wolf, J., Foss-Feig, J. H., Srihari, V., Anticevic, A., Naples, A., & McPartland, J. (2017). Presentation Title: Resting-State EEG and Sensory Responsivity in ASD and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2017.

160. Jarzabek, E., Ellison, K., Williams, Z. J., Rolison, M. J., McNaughton, K. A., Day, T. C., Ataybi, A., Lewis, B., Wolf, J., Foss-Feig, J. H., Anticevic, A., Srihari, V., & McPartland, J. (2017). Presentation Title: Ratings of Social Functioning and Participation in Employment and Postsecondary Education Among Adults with Autism and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2017.

161. Yang, G. J., Murray, J. D., Glasser, M., Pearlson, G. D., Krystal, J. H., Schleifer, C., Repovš, G., & Anticevic, A. (2016). Presentation Title: Global Signal Representation Is Spatially Shifted in Schizophrenia. Annual Meeting of the Society for Neuroscience (SfN), November 2016.

162. Spronk, M., Anticevic, A., & Cole, M. W. (2016). Presentation Title: Cognitive Control Network Flexible Hub Connectivity Is Altered Across Distinct Mental Illnesses. Annual Meeting of the Society for Neuroscience (SfN), November 2016.

163. Kim, J., Glasser, M., Frangou, S., Glahn, D., Anticevic, A., & Xu, J. (2016). Presentation Title: Human Habenula Segmentation Repeatability and Reproducibility. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2016.

164. Yang, G. J., Murray, J. D., Glasser, M., Pearlson, G. D., Krystal, J. H., Schleifer, C., Repovš, G., & Anticevic, A. (2016). Presentation Title: Global Signal Representation Is Spatially Shifted in Schizophrenia. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2016.

165. Anticevic, A., Schleifer, C., Glasser, M. C., Van Essen, D. C., Frangou, S., Glahn, D. C., Repovš, G., Sotiropoulos, S., & Xu, G. (2016). Presentation Title: Harmonizing Clinical Connectomics: Adapting the Human Connectome for Multisite Clinical Neuroimaging. Annual Meeting of the Organization for Human Brain Mapping (OHBM), June 2016.

166. Cho, Y. T., Schleifer, C. H., Starc, M., Santamauro, N., Lituchy, M. B., Krystal, J. H., Murray, J. D., Repovš, G., & Anticevic, A. (2016). Presentation Title: Neural Effects of Reward on Working Memory. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

167. Foss-Feig, J. H., Adkinson, B. D., Park, W., Levy, E., Santamauro, N., Schleifer, C., Schauder, K. B., Deckert, K., Srihari, V., Krystal, J. H., Tadin, D., McPartland, J. C., & Anticevic, A. (2016). Presentation Title: Psychophysical Correlates of Excitatory/Inhibitory Imbalance During Visual Motion Perception in Adults with ASD and Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

168. Li, J. L., Diehl, C., Glasser, M., Santamauro, N., Schleifer, C., Srihari, V., Repovš, G., Krystal, J. H., Winkler, A., & Anticevic, A. (2016). Presentation Title: Cerebellar Dysconnectivity in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

169. Murray, J. D., Borduqui, T., Hallak, J., Roque, A., Anticevic, A., & Wang, X.-J. (2016). Presentation Title: Impulsive or Indecisive: Impairments of Decision Making in a Cortical Circuit Model from Disrupted Excitation-Inhibition Balance. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

170. Anticevic, A. (2016). Co-organized Symposium for the Anxiety and Depression Association of America (ADAA). Symposium Title: Network Science Approaches for Understanding Affective Disorders and Their Treatment. Presentation Title: Functional Network Connectivity Alterations Following Ketamine Administration: Implications for Anti-Depressant Effects. Symposium Chair: Amit Atkin. Speakers: Alan Anticevic, Amit Atkin, & Connor Liston. Annual Meeting of the Anxiety and Depression Association of America (ADAA), May 2016.

171. Anticevic, A. (2016). Co-organized Symposium for the Cognitive Neuroscience Society (CNS). Symposium Title: 20 Years of Resting-State: Contributions to Understanding Cognition. Presentation Title: 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. Annual Meeting of the Cognitive Neuroscience Society (CNS), May 2016.

172. Schleifer, C., Santamauro, N., Yang, G. J., Ji, L., Foss-Feig, J. H., Cho, Y. T., Morgan, P., Srihari, V., Glasser, M., Murray, J. D., & Anticevic, A. (2016). Presentation Title: NMDAR Antagonism via Ketamine Models Intrinsic Thalamo-Cortical Functional Connectivity Disturbances in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

173. Diehl, C., Creatura, G., Cho, Y. T., Yang, G., Repovš, G., Murray, J. D., Pearlson, G. D., Glahn, D. C., & Anticevic, A. (2016). Presentation Title: Examining Striatal Functional Dysconnectivity in Chronic Schizophrenia via Seed-Based and Clustering Strategies. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

174. Yang, G. J., Murray, J. D., Glasser, M., Pearlson, G. D., Schleifer, C., Repovš, G., & Anticevic, A. (2016). Presentation Title: Global Signal Representation Is Spatially Shifted in Schizophrenia. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

175. Krystal, J. H., Anticevic, A., Yang, G., Driesen, N. R., & Murray, J. D. (2016). Presentation Title: GABA Dysfunction and Schizophrenia: Insights from Ketamine Studies. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

176. Krystal, J. H., Anticevic, A., Yang, G., Driesen, N. R., Murray, J. D., & Wang, X.-J. (2016). Presentation Title: Working Memory Dysfunction in Schizophrenia: A Computational and Translational Neuroscience Perspective. Annual Meeting of the Society of Biological Psychiatry (SOBP), May 2016.

177. Foss-Feig, J. H., Adkinson, B. D., Schleifer, C., Park, W., Levy, E., Santamauro, N., Srihari, V., Krystal, J. H., Tadin, D., McPartland, J. C., & Anticevic, A. (2016). Presentation Title: Dissociating Visual Correlates of Surround Suppression in ASD and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2016.

178. Adkinson, B. D., Foss-Feig, J. H., Park, W., Levy, E., Santamauro, N., Schleifer, C., Schauder, K. B., Deckert, K., Srihari, V., Krystal, J. H., Tadin, D., McPartland, J. C., & Anticevic, A. (2016). Presentation Title: Psychophysical Correlates of Excitatory/Inhibitory Imbalance During Visual Motion Perception in Adults with ASD and Schizophrenia. International Meeting for Autism Research (IMFAR), May 2016.

179. Foss-Feig, J. H., Naples, A., Levy, E., Deckert, K., Stavropoulos, K., Rolison, M., Srihari, V., Anticevic, A., & McPartland, J. (2016). Presentation Title: Dissociating Social Functioning in ASD and Schizophrenia Using Clinical Assessment and Neural Response to Gaze Cues. International Meeting for Autism Research (IMFAR), May 2016.

180. Yang, J. G., Murray, J. D., Repovš, G., Wang, X.-J., Glahn, D. C., Pearlson, G. D., Krystal, J. H., & Anticevic, A. (2016). Presentation Title: Cortical Hierarchy Underlies Preferential Connectivity Disturbances in Schizophrenia. Annual Conference on Computational and Systems Neuroscience (COSYNE), February 2016.

181. Murray, J. D., Borduqui, T., Hallak, J., Roque, A., Anticevic, A., & Wang, X.-J. (2016). Presentation Title: Impulsive or Indecisive: Impairments of Decision Making in a Cortical Circuit Model from Disrupted Excitation–Inhibition Balance. Annual Conference on Computational and Systems Neuroscience (COSYNE), February 2016.

182. Anticevic, A. (2015). Co-organized Symposium for the 12th World Congress of Biological Psychiatry (WFSBP). Presentation Title: Computational, Cognitive and Pharmacological Connectomics: Towards Understanding Mechanisms of Psychosis. Symposium Chair: Alan Anticevic. Speakers: Alan Anticevic, Deanna Barch, Tyrone Cannon, & Peter Uhlhaas. World Congress of Biological Psychiatry (WFSBP), July 2015.

Upcoming

1. Anticevic A, Murray JD, Wittenberg G, Martin WJ, Sarullo K, Helmer M, Ji JL, Burt JB. (2027). A Multiscale Generative Framework for Mechanistic Neuropsychiatry. Poster (under review), 65th Annual Meeting of the American College of Neuropsychopharmacology, San Diego, January 10–13, 2027.

Industry Advisory Service

2023–2024. Eli Lilly, Scientific Advisor

2023–2024. Boehringer Ingelheim, Scientific Advisor.

2021–2022. Gilgamesh Therapeutics, Member of the Senior Scientific Advisory Board.

Appointed 2020. Member, Technology Advisory Board, Neumora Therapeutics.

2016–2020. BlackThorn Therapeutics, Member of the Scientific Advisory Board.

Editorial Leadership

Guest Editor, *Schizophrenia*, a Nature Portfolio journal. Co-edits the collection *Neuroimaging Biomarkers in Psychotic Disorders* with Kun Yang, covering reproducible, translational neuroimaging research across the psychosis spectrum.

Appointed 2020. Editorial Board Member, *Schizophrenia Research*.

2015. Guest Editor of a Special Thematic Issue, Schizophrenia Research. Title: Thalamic Dysconnectivity in Schizophrenia.

2015. Guest Editor of a Special Thematic Issue, Biological Psychiatry. Title: Excitation (E) & Inhibition (I) Balance in Severe Psychiatric Illness.

2015. Senior Editor, Journal of Computational Psychiatry.

2015. Senior Editor, Oxford Research Encyclopedia of Neuroscience, Disorders of the Nervous System Section.

2013. Review Editor, Frontiers in Neuropsychiatric Imaging and Stimulation.

Book Reviewing

2015. Book Reviewer, Elsevier Book Program in Psychology.

Peer Review Groups and Grant Study Sections

2021. National Institute of Mental Health (NIMH), Ad Hoc Reviewer, Board of Scientific Counselors (BSC).

2020. National Institute of Mental Health (NIMH), Ad Hoc Reviewer, Special Emphasis Panel.

2019. National Center for PTSD, Grant Peer Reviewer.

2018. U.S. Department of Defense (DoD), Grant Peer Reviewer.

2018. National Center for PTSD, Grant Peer Reviewer.

2017. NWO-WOTRO Science for Global Development, Grant Peer Reviewer.

2016. NTRuST Scientific Advisory Board (SAB), Grant Peer Reviewer.

2016. National Institute of Mental Health (NIMH), Ad Hoc Reviewer, Pathophysiological Basis of Mental Disorders and Addictions Study Section.

2015. UK Medical Research Council (MRC), Grant Peer Reviewer.

Service for Professional Organizations

2024. National Academy of Sciences Working Group: Beyond Alzheimer's – Translating Biomarker Insights across CNS Diseases. Planning Committee Member and Moderator.

2023. National Academies of Sciences, Engineering, and Medicine, Forum on Neuroscience and Nervous System Disorders: *Multimodal Biomarkers for Central Nervous System Disorders: Development, Validation, and Clinical Integration.* Planning Committee Member and Moderator.

2020. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). Neuroimaging Analysis Harmonization Steering Committee.

2019. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). Neuroimaging Analysis Harmonization Steering Committee.

2019. Human Connectome Project (HCP) Course. Conference Tutor/Lecturer; 5-day course providing an introduction to Human Connectome Project pipelines, tools, and neuroimaging approaches.

2018. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). Neuroimaging Analysis Harmonization Steering Committee.

2018. Human Connectome Project (HCP) Course. Conference Tutor/Lecturer; 5-day course providing an introduction to Human Connectome Project pipelines, tools, and neuroimaging approaches.

2018. National Institute of Mental Health Virtual Workshop: Solving Computational Challenges in Genomics & Neuroscience via Parallel & Quantum Computing. Role: Chair and Planning Committee Member.

2017. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). Neuroimaging Analysis Harmonization Steering Committee.

2017. Human Connectome Project (HCP) Course. Conference Tutor/Lecturer; 5-day course providing an introduction to Human Connectome Project pipelines, tools, and neuroimaging approaches.

2017. Society for Neuroscience Special Emphasis Panel – Biomarkers for Schizophrenia. Role: Discussant; Panel Title: Diagnostic and Subtyping Biomarkers.

2017. National Institute of Mental Health Rare Genetic Disease Workshop. Invited Participant and Discussion Moderator; Charge led by Dr. Joshua Gordon.

2017. National Institute of Mental Health Computational Psychiatry Workshop. Invited Participant and Discussion Moderator; Charge led by Dr. Joshua Gordon. Workshop Title: Opportunities and Challenges for the Future.

2016. Harmonization of At Risk Multisite Observational Networks for Youth (HARMONY). Neuroimaging Analysis Harmonization Steering Committee.

2016. Human Connectome Project (HCP) Course. Conference Tutor/Lecturer; 5-day course providing an introduction to Human Connectome Project pipelines, tools, and neuroimaging approaches.

2015. Brain Analysis Library of Spatial Maps and Atlases (BALSA). Scientific Advisory Committee Member.

2015. International Neuropsychological Society (INS) 2015 Program. Conference Planning Committee; Imaging (Functional), Psychopathology/Neuropsychiatry (Including Schizophrenia), and Cognitive Neuroscience Sections.

2015. Human Connectome Project (HCP) Course. Conference Tutor/Lecturer; 5-day course providing an introduction to Human Connectome Project pipelines, tools, and neuroimaging approaches.

2014. Harmonizing Studies of the Psychosis Prodrome: Toward the Validation of Biomarkers for Clinical Trials. Member of the Presenting Panel; Charge led by Dr. Thomas Insel.

2014. 3rd International Conference on Applications of Neuroimaging to Alcoholism (ICANA-3). Member of the Planning Committee; Conference Co-Organizer with Dr. John H. Krystal.

2013. NIAAA Directors Meeting held at Yale University. Member of the Planning Committee; Conference Co-Organizer with Dr. John H. Krystal.

University-wide Service at Yale

2021–2024. Yale Center for Clinical Investigation (YCCI), SpinUp CFR Part 11 Working Group Member.

2021–2024. Yale Wu-Tsai Institute, Informatics Steering Committee Chair.

2018–2024. XNAT@Yale, Steering Committee Chair.

2015–2024. Yale Center for Research Computing (YCRC), Steering Committee Member.

Departmental Committees and Service at Yale

2023–2024. Promotion Committee, Department of Psychiatry Tenured Faculty Member.

2017–2024. Faculty Search Committee, Division of Neurocognition, Neurocomputation and Neurogenetics (N3).

2015–2016. Faculty Search Committee, Division of Neurocognition, Neurocomputation and Neurogenetics (N3). Outcome: Hired Dr. John Murray.

2013–2016. Yale School of Medicine MD/PhD Program, Candidate Recruitment and Interview Committee.

2012–2013. Department of Psychiatry Grand Rounds. Assistance with Lecture Organization and Speaker Selection.

2012–2013. Yale Center for the Translational Neuroscience of Alcoholism. Clinical Core Database – Intramural Analysis Award; Travel Award Evaluation Committee.

Journal Reviewing

Ad hoc journal reviewing since 2005.

Abnormal Psychology; Addiction Biology; American Journal of Psychiatry; Biological Psychiatry; Cerebral Cortex; Cognitive, Affective, & Behavioral Neuroscience; Cognition & Emotion; Current Addiction Reports; Developmental Neuropsychology; eLife; Experimental and Clinical Psychopharmacology; 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; Scientific Reports; Neurobiology of Aging; Nature Neuroscience; Nature Communications; NeuroImage; NeuroImage: Clinical; Neuropsychopharmacology; Neuron; 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.