UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE
Curriculum Vitae

Date: 10/18/2026

David R. Roalf, Ph.D.

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If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:
none (U.S. citizen)

Education:

2001	B.S.	The College of William and Mary (Biological Psychology)
2010	Ph.D.	Oregon Health & Science University (Behavioral Neuroscience)
2022	Cert.	University of Pennsylvania (Research Mentor Training)

Postgraduate Training and Fellowship Appointments:

2001	Virginia State Governor's Fellow, Governor's Office of Virginia
2001-2005	Neuroimaging Research Coordinator, University of Pennsylvania (Mentor: Bruce Turetsky MD)
2006-2008	NIH T32 Neuroscience of Aging Predoctoral Fellowship, Oregon Health & Science University
2007	Functional Magnetic Resonance Fellow, University of Michigan
2007	N.L. Tartar Research Fellow, Oregon Health & Science University
2008	Multimodal Neuroimaging Fellow, University of Pittsburgh & Carnegie Mellon University
2009	Decision Science Fellow, University of Michigan
2010-2013	NIH T32 Neuropsychiatry Postdoctoral Fellowship, University of Pennsylvania

Military Service:
[none]

Faculty Appointments:

2013-2015	Research Associate, University of Pennsylvania

2015-2025	Research Assistant Professor of Behavioral Neuroscience in Psychiatry, University of Pennsylvania School of Medicine
2025-present	Research Associate Professor of Psychiatry, University of Pennsylvania School of Medicine

Hospital and/or Administrative Appointments:

2026-present	Associate Director, Center for Magnetic Resonance Imaging and Spectroscopy

Other Appointments:

2014-present	Associate Fellow, University of Pennsylvania Institute on Aging
2017-present	Associated Faculty, Lifespan Brain Institute (LiBI)
2018-present	Associated Faculty, Neuroscience Graduate Group, Biomedical Graduate Studies, University of Pennsylvania

Specialty Certification:

2007	Functional Magnetic Resonance Imaging Analysis, University of Michigan
2008	Advanced MRI Analytics, University of Pittsburgh & Carnegie Mellon University
2009	FMRIB FSL Course (Neuroimaging) Harvard University & University of Oxford (at HBM)
2012	Freesurfer Course (Neuroimaging), Martino Center of Biomedical Imaging Harvard University

Licensure:

[none]

Awards, Honors and Membership in Honorary Societies:

2008	Best Poster OHSU Student Research Forum
2009	OHSU School of Medicine Alliance Award
2009	OHSU Ginger Ashworth Foundation Award
2010	Best Oral Presentation OHSU Student Research Forum
2013	Travel Award Human Brain Mapping
2017	Young Investigator's Travel Award International Congress on Schizophrenia Research

Memberships in Professional and Scientific Societies and Other Professional Activities:

International:

2002-2005 International Neuropsychological Society

National:

2005-Present	Society for Neuroscience (SfN)
2008-Present	Human Brain Mapping (HBM)
2008-2010	Society for Neuroeconomics
2009-Present	American Psychiatric Association (APA)
2010-Present	Cognitive Neuroscience Society (CNS)
2013-Present	The Gerontological Society of America (GSA)
2014-current	Alzheimer's Association (Ad-hoc Peer Reviewer)
2018	Center for Scientific Review Special Emphasis Panel Genetic and Epigenetic Mechanism in Neuropsychiatric and other Brain Disorders ZRG1 BDCN-W (90) (Ad Hoc Grant Reviewer 2018-2020)
2023	Center for Scientific Review Special Emphasis Panel: Schizophrenia and Related Disorders During Mid- to Late-life (R01 & R21) Review Panel (Ad Hoc Reviewer) (Reviewer for June 2023 Study Section)
2023	Center for Scientific Review: Emerging Imaging Technologies in Neuroscience [EITN] Study Section (Ad Hoc Reviewer) (Reviewer February 2023 Study Section)

Editorial Positions:

2011-Present	Peer Reviewer--Journal of Gerontology: Psychological Sciences
2011-Present	Peer Reviewer--Brain Research
2011-Present	Peer Reviewer--Cerebral Cortex
2012-Present	Peer Reviewer--Brain & Cognition
2012-Present	Peer Reviewer--Alzheimer's & Dementia
2012-Present	Peer Reviewer--JAMA Psychiatry
2012-Present	Peer Reviewer--Schizophrenia Bulletin
2012-Present	Peer Reviewer--Brain Imaging & Behavior
2013-Present	Peer Reviewer--PLoS One
2013-Present	Peer Reviewer--American Journal of Neuroradiology
2013-Present	Peer Reviewer--Schizophrenia Research
2014-Present	Peer Reviewer--Psychiatric Research: Neuroimaging
2014-Present	Peer Reviewer--American Journal of Geriatric Psychiatry
2014-Present	Peer Reviewer--Journal of Osteopathic Medicine
2015-Present	Peer Reviewer--Cortex
2015-Present	Peer Reviewer--Comparative Psychiatry
2015-Present	Peer Reviewer--Journal of Neuroscience
2015-Present	Peer Reviewer--Biological Psychiatry
2016-Present	Peer Reviewer--Neuropsychology

2016-Present	Peer Reviewer--Physiology & Behavior
2016-Present	Peer Reviewer--Scientific Reports
2016-Present	Peer Reviewer--Neuroimage
2016-Present	Peer Reviewer--Journal of Applied Gerontology
2016-Present	Peer Reviewer--Journal of Immigrant and Minority Health
2016-Present	Peer Reviewer--Journal of Geriatric Psychiatry and Neurology
2016-Present	Peer Reviewer--Neuropsychopharmacology
2017-Present	Peer Reviewer--The Clinical Neuropsychologist
2017-Present	Peer Reviewer- Aging, Neuropsychology, and Cognition
2017-Present	Peer Reviewer--International Journal of Geriatric Psychiatry
2017-Present	Peer Reviewer--Neuroimage Clinical
2017-2019	Associate Editor--Journal of Alzheimer's Disease
2018-Present	Peer Reviewer--Child Neuropsychology
2018-Present	Peer Reviewer--Nature Reviews Neurology
2018-Present	Peer Reviewer--Movement Disorders
2018-Present	Peer Reviewer--Assessment
2018-Present	Peer Reviewer--Human Brain Mapping
2018-Present	Peer Reviewer--Journal of Magnetic Resonance Imaging
2018-Present	Peer Reviewer--The American Journal of Psychiatry
2018-Present	Peer Reviewer--Molecular Psychiatry
2019-Present	Peer Reviewer--JAMA Psychiatry
2019-Present	Peer Reviewer--Neurobiology of Aging
2019-Present	Peer Reviewer--Chemical Senses
2019-Present	Peer Reviewer--Science
2020-Present	Peer Reviewer--Translational Psychiatry
2020-Present	Peer Reviewer--Cognitive Development
2020-Present	Peer Reviewer--Biological Psychiatry CNNI
2020-Present	Peer Reviewer--Schizophrenia Bulletin OPEN
2023-Present	Peer Reviewer--Brain Communications
2024-Present	Peer Reviewer--Biological Psychiatry Global Open

Academic and Institutional Committees:

2018-Present	Scientific Reviewer--Neuroscience Graduate Group Student Rotation Evaluation Committee
2019-Present	Member--Neuroscience Graduate Group Admissions Committee
2024-Present	Member - Neuroscience Graduate Group Academic Review Committee (ARC)

Major Academic and Clinical Teaching Responsibilities:

2012	Faculty Mentor- Jamie Podell- Clinical Neuroscience Training Program-University of Pennsylvania
2013-2014	Faculty Mentor- Elena Wu-Yan -Brain Behavior Laboratory Summer Research Scholar- High school
2013	Faculty Mentor- Emmanuel Woodson--Summer Research Scholar-Lincoln University
2014	Faculty Mentor- Danielle Flanders- Brain Behavior Laboratory

	Summer Research Scholar -University of Michigan
2014	Faculty Mentor- Oluwakemi Adesina- C-SURE Fellow-Franklin & Marshall College
2015-2016	Faculty Mentor- Alexis Galantino- C-SURE Fellow- Tufts University
2015	Faculty Mentor- Margo Gawronska- The Philadelphia Center Research Scholar- Hanover College
2016	Faculty Mentor- Wangchen Tsering- The Philadelphia Center Research Scholar- Earlham College
2016	Faculty Mentor- Wei Hei- The Philadelphia Center Research Scholar- Depauw University
2016	Faculty Mentor- Tommaso Girelli- The Philadelphia Center Research Scholar- Hanover College
2017	Faculty Mentor- Jennifer Hill- Brain Behavior Research Scholar- St. Joseph's University
2017	Faculty Mentor- Carolina Marshall- The Philadelphia Center Research Scholar- Hope College
2018	M.D./Ph.D. Dissertation Committee Member for Eli Cornblath
2018	Faculty Mentor- Rashika Reddy- Brain Behavior Laboratory Research Scholar- Drexel University
2018-2019	Faculty Mentor- Valerie Sydnor- Penn Neuroscience Graduate Group Rotation
2019-2020	Faculty Mentor- Madison Woods- Penn CURF
2019-Present	Faculty Advisor- Petra Rupert -University of Pittsburgh, Psychology Thesis Committee
2019-2023	Faculty Advisor- Greer Prettyman- NGG Thesis Committee
2020	Faculty Advisor- Evan Gallagher- NGG Candidacy Committee
2020	Faculty Advisor- Valerie Sydnor- NGG Candidacy Committee
2020	Lecture: "Targeting Brain Glutamate in Development and Psychopathology: Progress and Possibilities" Penn Clinical Neuroscience Training Program
2021	Faculty Mentor- Margaret Pecsok- M.D./Ph.D. Research Rotation
2021	Lecture: "Structural Neuroimaging. Principles of imaging brain anatomy, effects of pulse sequencing, morphometric and diffusion tensor imaging. Illustration of pathological conditions, normal variability and findings in psychosis." Neurodevelopment & Psychosis T32 Lecture Series.
2021	Faculty Mentor, Morgan Taylor, Brain Behavior Laboratory Summer Research Scholar- High school
2021	Faculty Mentor-Joelle Bagautdinova, NGG Research Rotation
2022	Lecturer, PGY2- "Neuroimaging in Psychiatry", Department of Psychiatry, University of Pennsylvania
2022-Present	Lecturer, PGY2- "Neurobiology of Aging and Cognition" Department of Psychiatry, University of Pennsylvania
2022	Faculty Mentor-Margaret Gardner, NGG Research Rotation
2022	Faculty Mentor-Olivia Szewczyk, Penn Undergraduate Summer

	Rotation
2022	Lecture: "Using computer-vision analysis to compare facial dysmorphology in 22q11.2 deletion syndrome and psychosis" University of Pennsylvania, Lifespan Brain Institute Seminar.
2022	Faculty Advisor- Audrey Luo- NGG Candidacy Committee
2022-Present	Graduate Student Mentor-Margaret Pecsok, MSTP/NGG, University of Pennsylvania (primary supervisor)
2023	Lecturer, Penn Clinical Neuroscience Training Seminar- "Ultra-high field neuroimaging of brain glutamate: progress and possibilities in neuropsychiatry" Department of Psychiatry, University of Pennsylvania
2023	Faculty Mentor-Sabina London, NGG Research Rotation
2024-Present	Faculty Mentor-Suhani Dheer, Brain Behavior Laboratory Research Scholar- Drexel University
2024-present	Faculty Co-Director - Penn NGG Systems Neuroscience (Core III)

Lectures by Invitation (Last 5 years):

May, 2021	"Structural and functional abnormalities of midline structures of the face and brain in 22q11DS and the psychosis spectrum", NIMH Genes 2 Mental Health (G2MH) Network (virtual)
Jun, 2021	"Using GluCEST MRI to measure brain glutamate in CHR and psychopathology: progress and possibilities", Accelerating Medicines Partnership - Schizophrenia (AMP SCZ) Steering Committee Annual Meeting (virtual)
Jun, 2021	"Windows into the Brain: Advances in Neurocognition & Neuroimaging in Psychiatry", Lifespan Brain Institute Open House (virtual)
Apr, 2022	"Ultra-high field neuroimaging of brain glutamate: progress and possibilities in neuropsychiatry", University of Pennsylvania Department of Psychiatry Grand Rounds Seminar (virtual).
May, 2023	"Ultra-high field neuroimaging of brain glutamate: progress and possibilities in neuropsychiatry" University of Southern California Grand Rounds, Los Angeles California
Apr, 2025	"Associations Between Self-Reported Cannabis Use and Brain Glutamate in Young Patients With Psychosis: A 7T MRI study", Schizophrenia International Research Society, Chicago IL.
Sep, 2025	"3T Research MRI in 22q11.2 deletion: Current approaches and future directions", The 22q and You Center, The HUB for Clinical Collaboration at CHOP, Philadelphia, PA.

Organizing Roles in Scientific Meetings:

Jul, 2020	Program Committee Member for 2021 Society for Biological Psychiatry Annual Meeting Virtual
May, 2023	Society for Biological Psychiatry Annual Meeting Program Committee

San Diego, CA
May, 2024 Society for Biological Psychiatry Annual Meeting Program Committee
Austin, TX

Bibliography:

Research Publications, peer reviewed (print or other media):

1. Turetsky Bruce, Moberg Paul, Roalf David, Arnold Steve, Gur Raquel: Decrements in volume of anterior ventromedial temporal lobe and olfactory dysfunction in schizophrenia. Archives of general psychiatry 60(12): 1193-200, Dec 2003.

2. Moberg Paul, Roalf David, Gur Raquel, Turetsky Bruce: Smaller nasal volumes as stigmata of aberrant neurodevelopment in schizophrenia. The American journal of psychiatry 161(12): 2314-6, Dec 2004.

3. Moberg Paul, Roalf David, Balderston Catherine, Kanes Stephen, Gur Raquel, Turetsky Bruce: Phenylthiocarbamide perception in patients with schizophrenia and first-degree family members. The American journal of psychiatry 162(4): 788-90, Apr 2005.

4. Robinson Keith, Dennison Andrew, Roalf David, Noorigian Joseph, Cianci Heather, Bunting-Perry Lisette, Moberg Paul, Kleiner-Fisman Galit, Martine Rebecca, Duda John, Jaggi Jurg, Stern Matthew: Falling risk factors in Parkinson's disease. Neurorehabilitation 20(3): 169-82, 2005.

5. Roalf David, Lowery Natasha, Turetsky Bruce: Behavioral and physiological findings of gender differences in global-local visual processing. Brain and cognition 60(1): 32-42, Feb 2006.

6. Moberg Paul, Arnold Steven, Doty Richard, Gur Raquel, Balderston Catherine, Roalf David, Gur Ruben, Kohler Christian, Kanes Stephen, Siegel Steven, Turetsky Bruce: Olfactory functioning in schizophrenia: relationship to clinical, neuropsychological, and volumetric MRI measures. Journal of clinical and experimental neuropsychology 28(8): 1444-61, Nov 2006.

7. Moberg Paul, Arnold Steven, Roalf David, Balderston Catherine, Abbazia Jaime, Kohler Christian, Gur Raquel, Turetsky Bruce: Apolipoprotein E genotype and odor identification in schizophrenia. The Journal of neuropsychiatry and clinical neurosciences 18(2): 231-3, 2006.

8. Roalf David, Turetsky Bruce, Owzar Kiana, Balderston Catherine, Johnson Sarah, Brensinger Colleen, Gur Raquel, Siegel Steven, Moberg Paul: Unirhinal olfactory function in schizophrenia patients and first-degree relatives. The Journal of neuropsychiatry and clinical neurosciences 18(3): 389-96, 2006.

9. Moberg Paul, McGue Colleen, Kanes Stephen, Roalf David, Balderston Catherine, Gur

Raquel, Kohler Christian, Turetsky Bruce: Phenylthiocarbamide (PTC) perception in patients with schizophrenia and first-degree family members: relationship to clinical symptomatology and psychophysical olfactory performance. Schizophrenia research 90(1-3): 221-8, Feb 2007.

10. Moberg Paul, Balderston Catherine, Rick Jacqueline, Roalf David, Weintraub Daniel, Kleiner-Fisman Galit, Stern Matthew, Duda John: Phenylthiocarbamide (PTC) perception in Parkinson disease. Cognitive and behavioral neurology: official journal of the society for behavioral and cognitive neurology 20(3): 145-8, Sep 2007.

11. Pruis Trisha, Roalf David, Janowsky Jeri: Hormone therapy does not modify emotion-induced brain activity in older women. Hormones and behavior 56(5): 539-47, Nov 2009.

12. Roalf David, Pruis Trisha, Stevens Alexander, Janowsky Jeri: More is less: emotion induced prefrontal cortex activity habituates in aging. Neurobiology of aging 32(9): 1634-50, Sep 2011.

13. Roalf David, Mitchell Suzanne, Harbaugh William, Janowsky Jeri: Risk, reward, and economic decision making in aging. The journals of gerontology: series b, psychological sciences and social sciences 67(3): 289-98, May 2012.

14. Roalf David, Ruparel Kosha, Verma Ragini, Elliott Mark, Gur Raquel, Gur Ruben: White matter organization and neurocognitive performance variability in schizophrenia. Schizophrenia research 143(1): 172-8, Jan 2013.

15. Roalf David, Gur Ruben, Almasy Laura, Richard Jan, Gallagher Sean, Prasad Konasale, Wood Joel, Pogue-Geile Michael, Nimgaonkar Vishwajit, Gur Raquel: Neurocognitive performance stability in a multiplex multigenerational study of schizophrenia. Schizophrenia bulletin 39(5): 1008-17, Sep 2013.

16. Roalf David, Moberg Paul, Xie Sharon, Wolk David, Moelter Stephen, Arnold Steven: Comparative accuracies of two common screening instruments for classification of Alzheimer's disease, mild cognitive impairment, and healthy aging. Alzheimer's & dementia: the journal of the Alzheimer's Association 9(5): 529-37, Sep 2013.

17. Cai Kejia, Singh Anup, Roalf David, Nanga Ravi Prakash Reddy, Haris Mohammad, Hariharan Hari, Gur Ruben, Reddy Ravinder: Mapping glutamate in subcortical brain structures using high-resolution GluCEST MRI. NMR in biomedicine 26(10): 1278-84, Oct 2013.

18. Satterthwaite Theodore, Wolf Daniel, Erus Guray, Ruparel Kosha, Elliott Mark, Gennatas Efstathios, Hopson Ryan, Jackson Chad, Prabhakaran Karthik, Bilker Warren, Calkins Monica, Loughead James, Smith Alex, Roalf David, Hakonarson

Hakon, Verma Ragini, Davatzikos Christos, Gur Ruben, Gur Raquel: Functional maturation of the executive system during adolescence. The Journal of neuroscience: the official journal of the Society for Neuroscience 33(41): 16249-61, Oct 2013.

19. Roalf David, Ruparel Kosha, Gur Raquel, Bilker Warren, Gerraty Raphael, Elliott Mark, Gallagher Sean, Almasy Laura, Pogue-Geile Michael, Prasad Konasale, Wood Joel, Nimgaonkar Vishwajit, Gur Ruben: Neuroimaging predictors of cognitive performance across a standardized neurocognitive battery. Neuropsychology 28(2): 161-76, Mar 2014.

20. Satterthwaite Theodore, Vandekar Simon, Wolf Daniel, Ruparel Kosha, Roalf David, Jackson Chad, Elliott Mark, Bilker Warren, Calkins Monica, Prabhakaran Karthik, Davatzikos Christos, Hakonarson Hakon, Gur Raquel, Gur Ruben: Sex differences in the effect of puberty on hippocampal morphology. Journal of the american academy of child and adolescent psychiatry 53(3): 341-50.e1, Mar 2014.

21. Satterthwaite Theodore, Shinohara Russell, Wolf Daniel, Hopson Ryan, Elliott Mark, Vandekar Simon, Ruparel Kosha, Calkins Monica, Roalf David, Gennatas Efstathios, Jackson Chad, Erus Guray, Prabhakaran Karthik, Davatzikos Christos, Detre John, Hakonarson Hakon, Gur Ruben, Gur Raquel: Impact of puberty on the evolution of cerebral perfusion during adolescence. Proceedings of the national academy of sciences of the United States of America 111(23): 8643-8, Jun 2014.

22. Roalf David, Gur Raquel, Ruparel Kosha, Calkins Monica, Satterthwaite Theodore, Bilker Warren, Hakonarson Hakon, Harris Lauren Julius, Gur Ruben: Within-individual variability in neurocognitive performance: age- and sex-related differences in children and youths from ages 8 to 21. Neuropsychology 28(4): 506-18, Jul 2014.

23. Schmitt Eric, Yi James, Roalf David, Loevner Laurie, Ruparel Kosha, Whinna Daneen, Souders Margaret, McDonald-McGinn Donna, Yodh Elliott, Vandekar Simon, Zackai Elaine, Gur Ruben, Emanuel Beverly, Gur Raquel: Incidental radiologic findings in the 22q11.2 deletion syndrome. AJNR. American journal of neuroradiology 35(11): 2186-91, Nov-Dec 2014.

24. van Steenoven Inger, Aarsland Dag, Hurtig Howard, Chen-Plotkin Alice, Duda John, Rick Jacqueline, Chahine Lama, Dahodwala Nabila, Trojanowski John, Roalf David, Moberg Paul, Weintraub Daniel: Conversion between mini-mental state examination, montreal cognitive assessment, and dementia rating scale-2 scores in Parkinson's Disease. Movement disorders: official journal of the movement disorder society 29(14): 1809-15, Dec 2014.

25. Roalf David, Gur Raquel, Verma Ragini, Parker William, Quarmley Megan, Ruparel

Kosha, Gur Ruben: White matter microstructure in schizophrenia: associations to neurocognition and clinical symptomatology. Schizophrenia research 161(1): 42-9, Jan 2015.

26. Roalf David, Vandekar Simon, Almasy Laura, Ruparel Kosha, Satterthwaite Theodore, Elliott Mark, Podell Jamie, Gallagher Sean, Jackson Chad, Prasad Konasale, Wood Joel, Pogue-Geile Michael, Nimgaonkar Vishwajit, Gur Ruben, Gur Raquel: Heritability of subcortical and limbic brain volume and shape in multiplex-multigenerational families with schizophrenia. Biological psychiatry 77(2): 137-46, Jan 2015.

27. Vandekar Simon, Shinohara Russell, Raznahan Armin, Roalf David, Ross Michelle, DeLeo Nicholas, Ruparel Kosha, Verma Ragini, Wolf Daniel, Gur Ruben, Gur Raquel, Satterthwaite Theodore: Topologically dissociable patterns of development of the human cerebral cortex. The Journal of neuroscience: the official journal of the Society for Neuroscience 35(2): 599-609, Jan 2015.

28. Schmitt Eric, Vandekar Simon, Yi James, Calkins Monica, Ruparel Kosha, Roalf David, Whinna Daneen, Souders Margaret, Satterthwaite Theodore, Prabhakaran Karthik, McDonald-McGinn Donna, Zackai Elaine, Gur Ruben, Emanuel Beverly, Gur Raquel: Aberrant Cortical Morphometry in the 22q11.2 Deletion Syndrome. Biological psychiatry 78(2): 135-43, Jul 2015.

29. Satterthwaite Theodore, Wolf Daniel, Roalf David, Ruparel Kosha, Erus Guray, Vandekar Simon, Gennatas Efstathios, Elliott Mark, Smith Alex, Hakonarson Hakon, Verma Ragini, Davatzikos Christos, Gur Raquel, Gur Ruben: Linked Sex Differences in Cognition and Functional Connectivity in Youth. Cerebral cortex (New York, N.Y.: 1991) 25(9): 2383-94, Sep 2015.

30. Calkins Monica, Merikangas Kathleen, Moore Tyler, Burstein Marcy, Behr Meckenzie, Satterthwaite Theodore, Ruparel Kosha, Wolf Daniel, Roalf David, Mentch Frank, Qiu Haijun, Chiavacci Rosetta, Connolly John, Sleiman Patrick, Gur Ruben, Hakonarson Hakon, Gur Raquel: The Philadelphia Neurodevelopmental Cohort: constructing a deep phenotyping collaborative. Journal of child psychology and psychiatry, and allied disciplines 56(12): 1356-69, Dec 2015.

31. Satterthwaite Theodore, Vandekar Simon, Wolf Daniel, Bassett Danielle, Ruparel Kosha, Shehzad Zarrar, Craddock Cameron, Shinohara Russell, Moore Tyler, Gennatas Efstathios, Jackson Chad, Roalf David, Milham Michael, Calkins Monica, Hakonarson Hakon, Gur Ruben, Gur Raquel: Connectome-wide network analysis of youth with Psychosis-Spectrum symptoms. Molecular psychiatry 20(12): 1508-15, Dec 2015.

32. Roalf David, Quarmley Megan, Elliott Mark, Satterthwaite Theodore, Vandekar Simon, Ruparel Kosha, Gennatas Efstathios, Calkins Monica, Moore Tyler,

Hopson Ryan, Prabhakaran Karthik, Jackson Chad, Verma Ragini, Hakonarson Hakon, Gur Ruben, Gur Raquel: The impact of quality assurance assessment on diffusion tensor imaging outcomes in a large-scale population-based cohort. NeuroImage 125: 903-19, Jan 2016.

33. Satterthwaite Theodore, Connolly John, Ruparel Kosha, Calkins Monica, Jackson Chad, Elliott Mark, Roalf David, Ryan Hopsona, Karthik Prabhakaran, Behr Meckenzie, Qiu Haijun, Mentch Frank, Chiavacci Rosetta, Sleiman Patrick, Gur Ruben, Hakonarson Hakon, Gur Raquel: The Philadelphia Neurodevelopmental Cohort: A publicly available resource for the study of normal and abnormal brain development in youth. NeuroImage 124(Pt B): 1115-9, Jan 2016.

34. Kos Mark, Carless Melanie A, Peralta Juan, Blackburn August, Almeida Marcio, Roalf David, Pogue-Geile Michael, Prasad Konasale, Gur Ruben, Nimgaonkar Vishwajit, Curran Joanne, Duggirala Ravi, Glahn David, Blangero John, Gur Raquel, Almasy Laura: Exome Sequence Data From Multigenerational Families Implicate AMPA Receptor Trafficking in Neurocognitive Impairment and Schizophrenia Risk. Schizophrenia bulletin 42(2): 288-300, Mar 2016.

35. Roalf David, Moore Tyler, Wolk David, Arnold Steven, Mechanic-Hamilton Dawn, Rick Jacqueline, Kabadi Sushila, Ruparel Kosha, Chen-Plotkin Alice, Chahine Lama, Dahodwala Nabila, Duda John, Weintraub Daniel, Moberg Paul: Defining and validating a short form Montreal Cognitive Assessment (s-MoCA) for use in neurodegenerative disease. Journal of neurology, neurosurgery, and psychiatry 87(12): 1303-1310, Apr 2016.

36. Satterthwaite Theodore, Wolf Daniel, Calkins Monica, Vandekar Simon, Erus Guray, Ruparel Kosha, Roalf David, Linn Kristin, Elliott Mark, Moore Tyler, Hakonarson Hakon, Shinohara Russell, Davatzikos Christos, Gur Ruben, Gur Raquel: Structural Brain Abnormalities in Youth With Psychosis Spectrum Symptoms. JAMA psychiatry 73(5): 515-24, May 2016.

37. Shanmugan Sheila, Wolf Daniel, Calkins Monica E, Moore Tyler, Ruparel Kosha, Hopson Ryan D, Vandekar Simon N, Roalf David, Elliott Mark, Jackson Chad, Gennatas Efstathios, Leibenluft Ellen, Pine Daniel, Shinohara Russell, Hakonarson Hakon, Gur Ruben, Gur Raquel, Satterthwaite Theodore: Common and Dissociable Mechanisms of Executive System Dysfunction Across Psychiatric Disorders in Youth. The American journal of psychiatry 173(5): 517-26, May 2016.

38. Vandekar Simon, Shinohara Russell, Raznahan Armin, Hopson Ryan, Roalf David, Ruparel Kosha, Gur Ruben, Gur Raquel, Satterthwaite Theodore: Subject-level measurement of local cortical coupling. NeuroImage 133: 88-97, Jun 2016.

39. Roalf David, Quarmley Megan, Mechanic-Hamilton Dawn, Wolk David, Arnold Steven, Moberg Paul: Within-Individual Variability: An Index for Subtle Change

in Neurocognition in Mild Cognitive Impairment. Journal of alzheimer's disease: JAD 54(1): 325-35, Aug 2016.

40. Kaczkurkin Antonia, Moore Tyler, Ruparel Kosha, Ciric Rastko, Calkins Monica, Shinohara Russell, Elliott Mark, Hopson Ryan, Roalf David, Vandekar Simon, Gennatas Efstathios, Wolf Daniel, Scott Cobb, Pine Daniel, Leibenluft Ellen, Detre John, Foa Edna, Gur Raquel, Gur Ruben, Satterthwaite Theodore: Elevated Amygdala Perfusion Mediates Developmental Sex Differences in Trait Anxiety. Biological psychiatry 80(10): 775-785, Nov 2016.

41. Moore Tyler, Reise Steven, Roalf David, Satterthwaite Theodore, Davatzikos Christos, Bilker Warren, Port Allison, Jackson Chad, Ruparel Kosha, Savitt Adam, Baron Robert, Gur Raquel, Gur Ruben: Development of an Itemwise Efficiency Scoring Method: Concurrent, Convergent, Discriminant, and Neuroimaging-Based Predictive Validity Assessed in a Large Community Sample. Psychological assessment 28(12): 1529-1542, Dec 2016.

42. Schmitt Eric, Yi James, Calkins Monica, Ruparel Kosha, Roalf David, Cassidy Amy, Souders Margaret, Satterthwaite Theodore, McDonald-McGinn Donna, Zackai Elaine, Gur Ruben, Emanuel Beverly, Gur Raquel: Disrupted anatomic networks in the 22q11.2 deletion syndrome. NeuroImage. Clinical 12: 420-8, 2016.

43. Calkins Monica, Moore Tyler, Satterthwaite Theodore, Wolf Daniel, Turetsky Bruce, Roalf David, Merikangas Kathleen, Ruparel Kosha, Kohler Christian, Gur Ruben, Gur Raquel: Persistence of psychosis spectrum symptoms in the Philadelphia Neurodevelopmental Cohort: a prospective two-year follow-up. World psychiatry: official journal of the World Psychiatric Association (WPA) 16(1): 62-76, Feb 2017.

44. Ciric Rastko, Wolf Daniel, Power Jonathan, Roalf David, Baum Graham, Ruparel Kosha, Shinohara Russell, Elliott Mark, Eickhoff Simon, Davatzikos Christos, Gur Ruben, Gur Raquel, Bassett Danielle, Satterthwaite Theodore: Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. NeuroImage 154: 174-187, Mar 2017.

45. Brennan Laura, Devlin Kathryn, Xie Sharon, Mechanic-Hamilton Dawn, Tran Baochan, Hurtig Howard, Chen-Plotkin Alice, Chahine Lama, Morley James, Duda John, Roalf David, Dahodwala Nabila, Rick Jacqueline, Trojanowski John, Moberg Paul, Weintraub Daniel: Neuropsychological Subgroups in Non-Demented Parkinson's Disease: A Latent Class Analysis. Journal of parkinson's disease 7(2): 385-395, Apr 2017.

46. Roalf David, Quarmley Megan, Calkins Monica, Satterthwaite Theodore, Ruparel Kosha, Elliott Mark, Moore Tyler, Gur Ruben, Gur Raquel, Moberg Paul, Turetsky Bruce: Temporal Lobe Volume Decrements in Psychosis Spectrum

Youths. Schizophrenia bulletin 43(3): 601-610, May 2017.

47. Baum Graham, Ciric Rastko, Roalf David, Betzel Richard, Moore Tyler, Shinohara Russell, Kahn Ari, Vandekar Simon, Rupert Petra, Quarmley Megan, Cook Philip, Elliott Mark, Ruparel Kosha, Gur Raquel, Gur Ruben, Bassett Danielle, Satterthwaite Theodore: Modular Segregation of Structural Brain Networks Supports the Development of Executive Function in Youth. Current biology: CB 27(11): 1561-1572.e8, Jun 2017.

48. Roalf David, Moore Tyler, Mechanic-Hamilton Dawn, Wolk David, Arnold Steven, Weintraub Daniel, Moberg Paul: Bridging cognitive screening tests in neurologic disorders: A crosswalk between the short Montreal Cognitive Assessment and Mini-Mental State Examination. Alzheimer's & dementia: the journal of the Alzheimer's Association 13(8): 947-952, Aug 2017.

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Patents:

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