

PERSONAL DATA

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EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2013 - 2016	NIH Fellow	Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University (Quantitative Genetics) Richmond, VA
2012 - 2013	Internship	Minneapolis VA Health Care System (Clinical Psychology) Minneapolis, MN
2012	Certification	Yale School of Medicine (Early Assessment of Psychosis and High Risk) New Haven, CT
2010 - 2012	NIH Fellow	University of Minnesota, NIMH (Psychiatric Genetics) Minneapolis, MN
2010 - 2013	Ph.D.	University of Missouri-Columbia (Clinical Psychology) Columbia, MO
2008 - 2009	M.A.	University of Missouri-Columbia (Clinical Psychology) Columbia, MO
1999 - 2002	B.A.	Oberlin College & Conservatory (English) Oberlin, OH

CURRENT LICENSES/CERTIFICATIONS

2016 - Utah Board of Professional Psychology: State License (UT) - Psychologist
 2016 - 2018 Virginia Board of Professional Psychology: State License (VA) - Psychologist

UNIVERSITY OF UTAH ACADEMIC HISTORY**Psychiatry (Adult Psychiatry), 08/01/2016 -**

07/01/2023 Associate Professor with Tenure
 08/01/2016 Assistant Professor, Tenure-Track

PROFESSIONAL EXPERIENCE**Full-Time Positions**

2023 - Associate Professor, Department of Psychiatry, University of Utah School of Medicine, Salt Lake City, UT
 2023 - Assistant Director, Clinical & Translational Science Institute, University of Utah, Salt Lake City, UT
 2023 - Affiliate Associate Professor, Department of Biomedical Informatics, University of Utah, Salt Lake City, UT
 2016 - 2023 Affiliate Faculty, Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA

- 2016 - 2022 Assistant Professor, Tenure-Track, Department of Psychiatry, University of Utah School of Medicine, Salt Lake City, UT
- 2013 - 2016 NIH Postdoctoral Fellow, Statistical Genetics, Virginia Institute for Psychiatric and Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
- 2002 - 2008 Research Coordinator, Psychiatry & Neuroscience, Yale University School of Medicine, New Haven, CT

Editorial Experience

- 2022 - Associate Editor, *Complex Psychiatry*
- 2020 - Associate Editor, *Schizophrenia Bulletin*
- 2020 - Editorial Board, *Psychological Medicine*

Reviewer Experience

- Reviewer, *American Journal of Medical Genetics*
- Reviewer, *American Journal of Psychiatry*
- Reviewer, *Behavior Genetics*
- Reviewer, *Biological Psychiatry*
- Reviewer, *Comprehensive Psychiatry*
- Reviewer, *Journal of Abnormal Psychology*
- Reviewer, *Journal of Affective Disorders*
- Reviewer, *Molecular Psychiatry*
- Reviewer, *Neuroscience and Biobehavioral Reviews*
- Reviewer, *Schizophrenia Bulletin*
- Reviewer, *Schizophrenia Research*
- Reviewer, *JAMA Psychiatry*

HONORS

- 2022 Associate Member, American College of Neuropsychopharmacology
- 2020 Vitae Research Scholar, University of Utah Health Sciences
- 2017 - 2019 Vice President's Clinical and Translational (VPCAT) Research Scholar, University of Utah
- 2016 Travel Awardee, American College of Neuropsychopharmacology
- 2016 - 2021 EDGE Professional Research Scholarship, University of Utah School of Medicine
- 2015 Young Investigator Award, International Congress of Schizophrenia Research
- 2014 Early Career Achievement Award, American Psychological Association
- 2013 Mark K. Thelen Outstanding Research Award, University of Missouri-Columbia, Columbia, MO
- 2012 Graduate Excellence Award, University of Missouri-Columbia, Columbia, MO
- 2011 F. J. McGuigan Dissertation Research Award, American Psychological Foundation
- 2011 Dissertation Research Award, American Psychological Association
- 2009 Outstanding Thesis Award, University of Missouri-Columbia, Columbia, MO
- 2009 Distinguished Thesis Award, Department of Psychological Sciences, University of Missouri-Columbia, Columbia, MO
- 2009 Schizophrenia Essay Award, Honorable Mention with Publication, Schizophrenia International Research Society (SIRS)
- 2008 National Institute of Mental Health Summer Grant-Writing Fellowship, University of Missouri-Columbia, Columbia, MO
- 2000 - 2002 Scholar Award, Oberlin College & Conservatory, Oberlin, OH

ADMINISTRATIVE EXPERIENCE

Professional Organization & Scientific Activities (Select)

- 2023 - Research Award Mentor, World Congress of Psychiatric Genetics (WCPG)
- 2023 - Program Committee, American College of Neuropsychopharmacology (ACNP)
- 2022 - Chair, International Society of Psychiatric Genetics, Ethics, Policy, & Position Committee

- 2022 - Chair, Psychiatric Genomics Consortium Suicide Working Group
- 2022 - Steering Committee of the Psychiatric Genomics Consortium
- 2018 - 2020 Genomic Testing Advisory Committee, International Society of Psychiatric Genetics
- 2018 - 2020 Ethics Committee, International Society of Psychiatric Genetics
- 2019 Award Committee, International Society of Psychiatric Genetics
- 2017 Early Career Investigator Award Committee, International Society of Psychiatric Genetics
- 2016 - 2019 Early Career Award Committee, International Society of Psychiatric Genetics
- 2016 - 2018 Reviewer & Advisory Member, F.J. McGuigan Award, American Psychological Foundation
- 2016 Symposium Reviewer, Symposium Award Committee, International Society of Psychiatric Genetics, Symposium Award Committee
- 2015 - 2016 Executive Committee, Postdoctoral Executive Council, Virginia Commonwealth University School of Medicine
- 2015 Symposium Reviewer, American Psychological Association: Division 12 - Society of Clinical Psychology, Annual Meeting of the American Psychological Association

Grant Review Committee/Study Section

Ad Hoc Review

- 2023 NIMH Neurobiological, Mental and Behavioral Health Study Section
- 2021 NIMH Behavior Genetics & Epidemiology Study Section
- 2021 NIMH Clinical Trials Study Section
- 2021 University of Utah Faculty Small Grant Program
- 2020 NIMH Behavior Genetics & Epidemiology Study Section
- 2020 SafeUT Pilot Research Program, University of Utah School of Medicine
- 2019 - 2020 NIMH Adult Psychopathology and Studies of Aging Study Section
- 2019 Netherlands Organisation for Scientific Research (NWO), Netherlands
- 2018 UK Academy of Medical Sciences
- 2016 The Wellcome Trust
- 2016 Clinical and Translational Science Program, University of Utah School of Medicine
- 2014 - 2017 American Psychological Foundation

Symposium/Meeting Chair/Coordinator (Select)

- 2023 Co-Chair, Ethics Symposium, Annual Meeting of the World Congress for Psychiatric Genetics
- 2023 Meeting Chair/Coordinator, International Suicide Genetics Consortium
- 2023 Meeting Coordinator, Psychiatric Genomics Consortium Day of the World Congress of Psychiatric Genetics
- 2022 Chair, Ethics Symposium, Annual Meeting of the World Congress for Psychiatric Genetics
- 2022 Chair, Psychiatric Genomics Consortium Suicide Working Group Meeting, Annual Meeting of the World Congress of Psychiatric Genetics
- 2022 Co-Chair, Suicide Genetics Symposium, Annual Meeting of the World Congress for Psychiatric Genetics
- 2022 Chair, Psychiatric Genomics Consortium Worldwide Lab Symposium (virtual)
- 2022 Chair, Suicide Genetics Symposium, Annual Meeting of the Society of Biological Psychiatry
- 2022 Chair, Ketamine Symposium, Annual Meeting of the Society for Psychiatric Research
- 2021 Chair, Suicide Consortium Meeting, Annual Meeting of the World Congress of Psychiatric Genetics
- 2021 Meeting Chair/Coordinator, Annual Meeting of the International Suicide Genetics Consortium
- 2021 Meeting Coordinator, Psychiatric Genomics Consortium Day of the World Congress of Psychiatric Genetics
- 2019 Chair and Discussant, Ethics Symposium, Annual Meeting of the World Congress for Psychiatric Genetics
- 2019 Discussant, Annual Meeting of the World Congress for Psychiatric Genetics
- 2019 Discussant, Annual Meeting of the International Consortium for Schizotypy Research
- 2018 - 2019 Co-Chair, Annual Meeting of the International Congress on Schizotypy Research, Beijing, China

2018 Co-Chair, Genetics Research Symposium, Annual Meeting of the Society for Research in Psychopathology

PROFESSIONAL COMMUNITY ACTIVITIES

Contributing PI (Select)

Anxiety Working Group of the Psychiatric Genomics Consortium
Cross-Disorder Working Group of the Psychiatric Genomics Consortium
Genetics of Cannabis and Nicotine Consortium (GSCAN)
Genetics of ECT Working Group of the Psychiatric Genomics Consortium (Gen-ECT-ic)
International Suicide Genetics Consortium (ISGC)
Latin American Genomics Consortium (LAGC)
Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium
Midlife in the United States/Japan: A National Longitudinal Study of Health and Well-Being (MIDUS/MIDJA)
Post-traumatic Stress Disorder Working Group of the Psychiatric Genomics Consortium
Schizophrenia Working Group of the Psychiatric Genomics Consortium
Substance Use Disorders Working Group of the Psychiatric Genomics Consortium

Clinical Research Task Group Memberships

Assessment Working Group, Hierarchical Taxonomy of Psychopathology Consortium (HiTOP)
Ketamine Task Group, National Network of Depression Centers (NNDC)
Neurobiological Foundations Working Group, Hierarchical Taxonomy of Psychopathology Consortium
Treatment-Resistant Depression Task Group, National Network of Depression Centers
Utility Working Group, Hierarchical Taxonomy of Psychopathology Consortium

UNIVERSITY COMMUNITY ACTIVITIES

University Level

2023 - Assistant Director, Clinical & Translational Science Institute (CTSI)
2016 - Affiliate Faculty, University of Utah, Consortium for Families and Health Research (C-FHAR)

University of Utah Health

2021 - Care Provider, University of Utah Health Resiliency Center, Crisis Triage
2020 - Provider, Transgender Health Program, University of Utah Health Sciences
2019 - 2021 Mentor, Center for Clinical and Translational Science, Spheres of Translation Across the Research Spectrum
KL2 Mentor for the Department of Human Genetics and the Department of Population Health Sciences/Huntsman Cancer Institute

Department Level

2023 - Co-Director, Utah Suicide Genetic Risk Study
2017 - Psychiatry Faculty Mentor
2016 - Psychiatry Faculty Search Committee
2016 - Department Advisory Committee

Programs, Centers & Institutes

2022 - Grand Rounds Committee, Huntsman Mental Health Institute
2022 - Autism Endowed Chair Search Committee, Huntsman Mental Health Institute
2021 - Research Communications Committee, Huntsman Mental Health Institute
2017 - 2020 Graduate Admissions Committee, Interdepartmental Program in Neuroscience

SERVICE AT PREVIOUS INSTITUTIONS

2015 - 2016 Postdoctoral Representative, Academic Affairs Committee, Virginia Commonwealth University

2015 - 2016 Postdoctoral Representative, University Research Council, Virginia Commonwealth University
2015 - 2016 Postdoctoral Executive Council, Virginia Commonwealth University
2014 - 2015 Postdoctoral Advisory Committee, Virginia Commonwealth University
2012 - 2013 Suicide Prevention Committee, Minneapolis VA Health Care System

CURRENT MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
American College of Neuropsychopharmacology
American Society of Human Genetics
International Society of Psychiatric Genetics
LGBTQ+ Affirmative Therapists Guild of Utah
Society of Biological Psychiatry

FUNDING

Active

09/01/24 - 08/30/29 NIMH/FIC R01
Building Resources for the Diversification of Genetic Data on Suicide
Direct Costs: \$1,457,992 Total Costs: \$1,869,745
National Institute of Mental Health & The Fogarty International Center
Role: PI

10/01/23 - 09/30/28 NIMH R01
Psychiatric Genomics Consortium Suicide Working Group
Principal Investigator(s): Niamh Mullins
Direct Costs: \$2,462,179 Total Costs: \$4,170,715
National Institute of Mental Health
Role: Site PI

07/01/20 - 06/30/25 NIMH R01
Genome-Wide Association Analysis of Suicide Death
Direct Costs: \$2,365,420 Total Costs: \$3,607,265
National Institute of Mental Health
Role: PI

09/01/20 - 08/31/25 NINDS R25
Training in Advanced Statistical Methods in Neuroimaging and Genetics
Principal Investigator(s): Robert C. Welsh
Direct Costs: \$1,232,035 Total Costs: \$1,330,599
National Institute of Neurological Disorders and Stroke
Role: Site PI

07/01/20 - 06/30/25 NIEHS R01
The Influence of Multiple Environmental Exposures on Suicide Risk
Principal Investigator(s): Amanda V. Bakian
Direct Costs: \$2,256,925 Total Costs: \$3,097,675
National Institute of Environmental Health Sciences
Role: Co-I

07/01/20 - 06/30/25 NIMH R01
Prediction of Suicide Death Using EHR and Polygenic Risk Scores
Principal Investigator(s): Hilary Coon
Direct Costs: \$2,418,960 Total Costs: \$3,444,770
NIH National Institute Of Mental Health (NIMH)
Role: Co-I

Previous

- 12/31/18 - 12/31/19 Utah Genome Project Partnership Grant Program
Deconvolution of Polygenic Risk Scores Toward Molecular Consequences
MPIs: Anna R. Docherty; Nicola J. Camp
Direct Costs: \$48,000 Total Costs: \$48,000
Role: MPI
- 12/01/17 - 12/01/19 AFSP Early Career Award
Proximal Environmental Exposures for the Chronic Inflammation Suicide Subtype
PI: Amanda Bakian
Direct Costs: \$100,000 Total Costs: \$100,000
American Foundation for Suicide Prevention
Role: Co-I
- 08/01/17 - 08/01/19 University of Utah Seed Grant
Modeling the Genetic Heterogeneity of Suicide and Serious Mental Illness
Direct Costs: \$17,000 Total Costs: \$17,000
Vice Presidential Clinical and Translational Research Scholar Program
Role: PI
- 06/30/17 - 08/01/21 Simons Foundation Award
Modeling the Genetics of Autism
MPIs: Anna R. Docherty; Aaron Quinlan; Gabor Marth; Hilary Coon
Direct Costs: \$549,919 Total Costs: \$595,747
Simons Foundation
Role: MPI
- 03/15/17 - 06/30/18 Department of Psychiatry Research Award
Modeling the Genetic Overlap of Suicide, Schizophrenia, and Major Depression
Direct Costs: \$49,000 Total Costs: \$49,000
University of Utah
Role: PI
- 08/31/16 - 02/29/20 NIMH K01 Career Development Award
Modeling the Dimensionality and Genetic Heterogeneity of Schizophrenia
Direct Costs: \$643,445 Total Costs: \$694,261
NIH National Institute Of Mental Health (NIMH)
Role: PI
- 07/15/16 - 07/14/18 NARSAD/BBRF Young Investigator Award
Modeling Risk with Schizophrenia Risk Loci
Direct Costs: \$63,938 Total Costs: \$63,938
Brain and Behavior Research Foundation (formerly NARSAD)
Role: PI
- 01/01/10 - 01/01/12 NIMH F31: Ruth Kirschstein National Research Service Award
Schizophrenia Genetic Risk Phenotypes
Direct Costs: \$71,519 Total Costs: \$71,519
National Institute of Mental Health
Role: PI

Consulting

- 09/01/20 - 08/31/24 Improving the Precision of Genetic Markers for Psychotic Disorders
K08 Research Career Development Award

PI: Katherine Jonas, Stony Brook School of Medicine
Direct Costs: \$954,485 Total Costs: \$1,030,845
NIH National Institute Of Mental Health (NIMH)
Role: Consultant

08/01/21 - 07/31/23 Optimized Phenotypes for Genetic Association Studies
K08 Career Development Award
PI: Katherine Jonas, Stony Brook School of Medicine
Direct Costs: \$591,726 Total Costs: \$896,862
NIH National Institute Of Mental Health (NIMH)
Role: Consultant

03/01/21 - 02/28/23 Genetics of Suicide and Substance Use
Young Investigator Award
PI: Emma Johnson, Washington University
Direct Costs: \$90,000 Total Costs: \$90,000
American Foundation for Suicide Prevention
Role: Consultant

TEACHING RESPONSIBILITIES/ASSIGNMENTS

Education Administration

2020 - 2025 NIH-Funded Training Course for Advanced Statistical Methods in Neuroimaging and Genetics (NINDS R25)

Course and Curriculum Development

2020 - *Advanced Statistical Methods for the Analysis of Genetic Data: Biometrical Methods*. NIH-Funded Training Workshop, Department of Psychiatry, University of Utah School of Medicine.
2020 - *Advanced Statistical Methods for the Analysis of Genetic Data: Molecular and Polygenic Risk Scoring Methodology*. NIH-Funded Training Workshop, Department of Psychiatry, University of Utah School of Medicine.

Courses Directed

2020 - 2025 Instructor, Workshop for Advanced Statistical Genetics, University of Utah School of Medicine
2016 - 2018 Co-Instructor, Psychiatric Imaging & Genetics Journal Club, University of Utah Department of Psychiatry
2016 Adult Psychopathology, Virginia Institute for Psychiatric & Behavioral Genetics
2015 - 2016 Psychiatric Nosology, Virginia Institute for Psychiatric & Behavioral Genetics
2014 - 2015 Assessment of Psychopathology, Virginia Institute for Psychiatric & Behavioral Genetics

Clinical Teaching (Utah)

2022 *Trauma-Informed Care*. Educational Presentation, Gender-Affirming Mental Health Symposium, Annual Meeting of Transforming Healthcare in the West
2021 Medical Resident Clinical Education Panel, Transgender Health Program, University of Utah Health Sciences
2018 Case conceptualization presentations, HMHI Downtown Behavioral Health Continuing Medical Education Series

Mentoring/Advising

Faculty (Select)

- 2023 - Warren Pettine, PhD., University of Utah, Mentorship and provision of resources for grants submitted to the NIH.
- 2018 - 2021 Andrew Smith, PhD., University of Utah, Mentorship through the process of creating aims for a VA Career Development Award. Peer consultation for clinical psychotherapy practice.
- 2017 - 2021 Andrey Shabalin, PhD., University of Utah, Faculty Mentor. Active professional mentorship relating to the submission of grants and manuscripts.
- 2016 - 2022 Vincent Koppelmans, PhD., University of Utah, Mentorship and provision of resources for grants submitted to the NIH.

Fellows

- 2019 Monika Waszchuk, PhD., SUNY Stony Brook, Intensive training provided during a week-long lab visit for statistical consultation and manuscript preparation.
- 2019 Katherine Jonas, PhD., SUNY Stony Brook, K01 Mentor/Consultant
- 2019 - 2020 Emma Johnson, PhD., Washington University, K01 Mentor/Consultant
- 2019 - 2020 Stephanie Kravitz, PhD., University of Utah
- 2019 - 2020 Laurie Greishober, PhD., University of Utah, KL2 Mentor/Consultant
- 2018 - 2021 Emily DiBlasi, PhD., University of Utah
- 2017 - 2020 Brian Lohman, PhD., University of Utah, Postdoctoral Supervisor.
- 2016 - 2017 David Rozek, PhD., University of Utah, Mentorship with provision of resources for preparation of a KL2 that was successfully funded.

Residents

- 2018 Eric Monson, University of Utah

PhD/Doctorate

- 2023 Seonggyun Han, MS, Department of Biomedical Informatics PhD program, University of Utah.
- 2023 Baiyu Qi, MS, University of North Carolina Chapel Hill, External faculty research mentor through the International Society of Psychiatric Genetics.
- 2017 - 2019 Jess Shade, MS, University of Utah, Mentorship through application to PhD program and toward the 2018 publication of a peer-reviewed, first-authored manuscript.
- 2017 Nicole Moreno, MS, University of Utah, Provided supervision and statistical training during rotation as part of the Interdisciplinary Neuroscience PhD Program.
- 2017 - 2018 Gemma Wallace, BA, University of Utah, Mentored this trainee through application to PhD programs in Clinical Psychology (she enrolled at the University of Colorado) and one first-authored publication.

MD, PhD

- 2017 - 2019 John Anderson, BS, University of Utah, Mentored trainee through application to medical school (accepted at Utah and Cornell, decided to enroll in MD/PhD at Utah this year) and through the publication of four peer-reviewed journal articles, including one first-authored publication and one first-authored manuscript in preparation.

Graduate/Doctoral Student Committees

- 2022 – 2023 Tahira Kootbodien, Department of Genetics, University of Capetown, South Africa
- 2022 – 2023 Seonggyun Han, Department of Biomedical Informatics, University of Utah School of Medicine, USA
- 2022 – 2023 Madeline Brendle, Department of Pharmacy, University of Utah School of Medicine, USA
- 2021 – 2022 Adrian Campos, Department of Genetics, Queensland Institute for Medical Research (QIMR) Bergdorfer, Australia

Didactic Lectures (Select)

- 2023 The neurobiology of suicidality. Resident lecture, University of Utah Department of Psychiatry, Salt Lake City, UT USA
- 2023 The genetics of suicide death. Resident lecture, University of Utah Department of Psychiatry, Salt Lake City, UT USA
- 2021 The genetics of psychiatric disorders and related behavioral phenotypes. Invited Lecture, Northwestern University Department of Psychology.

- 2021 Ethical issues in psychiatric genetics. Roundtable discussion for the Annual Meeting of the International Society for Psychiatric Genetics, Virtual
- 2021 Prodromal assessment of risk for psychosis. University of Utah, Salt Lake City, UT USA
- 2020 Clinical competencies for the provision of psychotherapy with transgender and non-binary individuals. University of Utah, Salt Lake City, UT USA
- 2019 Case Presentation: Treatment-resistant psychoticism. HMHI Downtown Behavioral Health Continuing Education Series. University of Utah, Salt Lake City, UT USA
- 2018 Methodological advances in psychiatric genomics. Department of Human Genetics, University of Utah, Salt Lake City, Utah USA
- 2017 - 2018 Neuropsychiatric genetics brown bag (multiple topics), University of Utah Department of Psychiatry, Salt Lake City, UT USA
- 2016 Clinical translation of the Hierarchical Taxonomy of Psychopathology (HiTOP). University of Utah, Salt Lake City, UT USA
- 2015 Gene-based and gene-ontology analyses of schizophrenia-specific symptom dimensions. Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA USA
- 2015 Subthreshold symptoms as indicators of genetic vulnerability to schizophrenia. Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA USA
- 2014 Statistical analysis of familial traits. Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA USA
- 2014 Gene-ontology analyses of schizophrenia-specific symptom dimensions. Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA USA
- 2013 Treating mental health stigma. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2013 Neuropsychological assessment of geriatric patients with psychosis. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2013 Large-scale analysis of the electronic medical record. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2013 Quantitative analysis of traits in multigenerational multiplex families. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2013 Cultural competency and the assessment of mood and psychotic disorders. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2012 Reliability and validity in test development. Stephens College, Columbia, MO USA
- 2012 Emotional experience in schizophrenia. Minneapolis VA Health Care System, Minneapolis, MN USA
- 2012 Psychological management of auditory hallucinations. Minneapolis VA Health Care System, Minneapolis, MN USA

PEER-REVIEWED PUBLICATIONS

1. **Docherty AR**, Mullins N, Ashley-Koch AE, Qin X, Coleman JRI, Shabalin A, Kang J, Murnyak B, Wendt F, Adams M, Campos AI, DiBlasi E, Fullerton JM, Kranzler HR, Bakian AV, Monson ET, Rentería ME, Walss-Bass C, Andreassen OA, Behera C, Bulik CM, Edenberg HJ, Kessler RC, Mann JJ, Nurnberger JI Jr, Pistis G, Streit F, Ursano RJ, Polimanti R, Dennis M, Garrett M, Hair L, Harvey P, Hauser ER, Hauser MA, Huffman J, Jacobson D, Madduri R, McMahon B, Oslin DW, Trafton J, Awasthi S, Berrettini WH, Bohus M, Chang X, Chen HC, Chen WJ, Christensen ED, Crow S, Duriez P, Edwards AC, Fernández-Aranda F, Galfalvy H, Gandal M, Gorwood P, Guo Y, Hafferty JD, Hakonarson H, Halmi KA, Hishimoto A, Jain S, Jamain S, Jiménez-Murcia S, Johnson C, Kaplan AS, Kaye WH, Keel PK, Kennedy JL, Kim M, Klump KL, Levey DF, Li D, Liao SC, Lieb K, Lilienfeld L, Marshall CR, Mitchell JE, Okazaki S, Otsuka I, Pinto D, Powers A, Ramoz N, Ripke S, Roepke S, Rozanov V, Scherer SW, Schmahl C, Sokolowski M, Starnawska A, Strober M, Su MH, Thornton LM, Treasure J, Ware EB, Watson HJ, Witt SH, Woodside DB, Yilmaz Z, Zillich L, Adolfsen R, Agartz I, Alda M, Alfredsson L, Appadurai V, Artigas MS, Van der Auwera S, Azevedo MH, Bass N, Bau CHD, Baune BT, Bellivier F, Berger K, Biernacka JM, Bigdeli TB, Binder EB, Boehnke M, Boks MP, Braff DL, Bryant R, Budde M, Byrne EM, Cahn W, Castelao E, Cervilla JA, Chaumette B, Corvin

A, Craddock N, Djurovic S, Foo JC, Forstner AJ, Frye M, Gatt JM, Giegling I, Grabe HJ, Green MJ, Grevet EH, Grigoriu-Serbanescu M, Gutierrez B, Guzman-Parra J, Hamshere ML, Hartmann AM, Hauser J, Heilmann-Heimbach S, Hoffmann P, Ising M, Jones I, Jones LA, Jonsson L, Kahn RS, Kelsoe JR, Kendler KS, Kloiber S, Koenen KC, Kogevinas M, Krebs MO, Landén M, Leboyer M, Lee PH, Levinson DF, Liao C, Lissowska J, Mayoral F, McElroy SL, McGrath P, McGuffin P, McQuillin A, Mehta D, Melle I, Mitchell PB, Molina E, Morken G, Nievergelt C, Nöthen MM, O'Donovan MC, Ophoff RA, Owen MJ, Pato C, Pato MT, Penninx BWJH, Potash JB, Power RA, Preisig M, Quested D, Ramos-Quiroga JA, Reif A, Ribasés M, Richarte V, Rietschel M, Rivera M, Roberts A, Roberts G, Rouleau GA, Rovaris DL, Sanders AR, Schofield PR, Schulze TG, Scott LJ, Serretti A, Shi J, Sirignano L, Sklar P, Smeland OB, Smoller JW, Sonuga-Barke EJS, Trzaskowski M, Tsuang MT, Turecki G, Vilar-Ribó L, Vincent JB, Völzke H, Walters JTR, Weickert CS, Weickert TW, Weissman MM, Williams LM, Wray NR, Zai CC, Agerbo E, Børglum AD, Breen G, Demontis D, Erlangsen A, Gelernter J, Glatt SJ, Hougaard DM, Hwu HG, Kuo PH, Lewis CM, Li QS, Liu CM, Martin NG, McIntosh AM, Medland SE, Mors O, Nordentoft M, Olsen CM, Porteous D, Smith DJ, Stahl EA, Stein MB, Wasserman D, Werge T, Whiteman DC, Willour V; VA Million Veteran Program (MVP); MVP Suicide Exemplar Workgroup; Suicide Working Group of the Psychiatric Genomics Consortium; Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium; Bipolar Disorder Working Group of the Psychiatric Genomics Consortium; Schizophrenia Working Group of the Psychiatric Genomics Consortium; Eating Disorder Working Group of the Psychiatric Genomics Consortium; German Borderline Genomics Consortium; Coon H, Beckham JC, Kimbrel NA, Ruderfer DM. GWAS Meta-Analysis of Suicide Attempt: Identification of 12 Genome-Wide Significant Loci and Implication of Genetic Risks for Specific Health Factors. *Am J Psychiatry*. 2023 Oct 1;180(10):723-738.

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99. **Docherty AR**, Bigdeli TB, Edwards AC, Bacanu S, Lee D, Neale MC, Wormley BK, Walsh D, O'Neill FA, Riley BP, Kendler KS, Fanous AH (2015). Genome-wide gene pathway analysis of psychotic illness symptom dimensions based on a new schizophrenia-specific model of the OPCRIT. *Schizophr Res*, 164(1-3), 181-6.
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BOOK CHAPTERS

119. Wallace GT, **Docherty AR** (2020). Emotion Dysregulation and Psychosis Spectrum Disorders. In Theodore P. Beauchaine and Sheila E. Crowell (Eds.), *The Oxford Handbook of Emotion Dysregulation*. Oxford University Press.
120. Adkins DE, Rasmussen K, **Docherty AR** (2019). Social epigenetics of human behavior. In *Oxford Handbook of Society and Human Behavior*. Oxford UP.
121. **Docherty AR**, Sponheim SR (2014). Anhedonia as an Indicator of Genetic Liability to Schizophrenia. In Ritsner M (Ed.), *Anhedonia: A Comprehensive Handbook*. Dordrecht: Springer.

LETTERS

122. **Docherty AR** (2015). Regarding brain structure characteristics in intellectually superior schizophrenia. [Letter to the editor]. *Psychiatry Res*, 233(3), 496.

ORAL PRESENTATIONS

Meeting Presentations (Select)

International

- 2023 **Docherty AR**, Satapathy S, Behera C. Expert Panel: Comparison of Suicide Risk Factors across the Western United States and in Northern India. Departments of Sociology and Psychiatry, All-India Institute of Medical Sciences, New Delhi, India.
- 2023 **Docherty AR** & Shabalin, AA. Building Resources for the Reduction of Global Suicide Death. Department of Psychiatry, All-India Institute of Medical Sciences, New Delhi, India.
- 2023 Medland et al. Urgent Review and Discussion of New Population Descriptor Guidelines in Psychiatric Genomics Research. Presented at the annual meeting of the International Society of Psychiatric Genetics, Montreal, Canada.
- 2023 Kimbrel et al. Most Diverse Genetic Study of Suicidal Thoughts and Behaviors To Date Identifies Both Ancestry-Specific and Cross-Ancestry Risk Loci Among U.S. Military Veterans. Presented at the International Summit on Suicide Research, Barcelona, Spain.
- 2023 Coon et al. The Exposome and Suicide Risk: Leveraging Big Data on Environmental Exposures to Understand and Predict Suicidal Behavior across the Lifespan. Presented at the International Summit on Suicide Research, Barcelona, Spain.
- 2023 Bakian et al. Psychotropic and Opioid Prescription Patterns in a Population-Ascertained Sample of Suicide Deaths. Presented at the International Summit on Suicide Research, Barcelona, Spain.
- 2023 Monson et al. Clinical and Genetic Trauma-Related Risk Factors Leading to Suicide Death Presented at the annual meeting of the International Society of Psychiatric Genetics, Montreal, Canada.
- 2023 Colbert S, PGC Suicide Working Group, Ruderfer D, **Docherty AR**, Mullins N. Genome-Wide Association Studies of Suicidal Thoughts and Behaviors: An Update From the Psychiatric Genomics Consortium Suicide Working Group. Presented at the annual meeting of the International Society of Psychiatric Genetics, Montreal, Canada.
- 2022 **Docherty AR**, et al. Genome-Wide Association Study Meta-Analysis of Suicide Attempt in 43,871 Cases Identifies 12 Genome-Wide Significant Loci. Presented at the annual meeting of the European Society for Suicide and Suicidal Behaviors, Copenhagen, Denmark.
- 2022 **Docherty AR**, Coon H, Mullins N, Ruderfer D, Ashley-Koch A. Multi-Ancestry GWAS Meta-Analysis of Suicide Attempt and Death (N = 995,000). Presented at the annual meeting of the International Society of Psychiatric Genetics.
- 2022 **Docherty AR**, Mullins N, Ruderfer D, Ashley-Koch A. Global Efforts to Understand the Biology of Suicide: the Suicide Working Group of the Psychiatric Genomics Consortium. Presented for the Psychiatric Genomics Consortium World-Wide Lab Series.

- 2022 **Docherty AR**, Mullins N, Renteria M, Walsh C, Ruderfer D. Diverse-ancestry and sex-specific GWAS of suicide death implicate new loci and genetic risks specific to suicide death. Oral Presentation at the annual meeting of the Society of Biological Psychiatry.
- 2019 Farrell A, Richards W, **Docherty AR**, Coon H, & Marth, GT. The unbiased length spectrum of human de novo mutations in 4,330 children. Presentation at the annual meeting of the American Society of Human Genetics.
- 2019 **Docherty AR**. Polygenic Prediction of Specific Internalizing Psychopathologies. Annual Meeting of the Society for Research in Psychopathology, Buffalo, NY, USA
- 2018 DiBlasi, E, Shabalin, A, **Docherty AR**, Coon, H. Rare Genetic Variation Associated with Suicide Death. Annual Meeting of the International Society for Psychiatric Genetics.
- 2018 Shabalin, AA & **Docherty AR**. Soft-Thresholding for Enhanced Polygenic Risk Prediction. Annual Meeting of the American Society for Human Genetics.
- 2018 **Docherty AR**. Updates in Psychiatric Genomics. Annual Meeting of the Society for Research in Psychopathology, Illinois, USA
- 2017 **Docherty AR**, Bakian, A., Crowell, S., Darlington, T., William, N., Wallace, G. T., Moscati, A., Adkins, D. E., Kendler, K. S., O'Neill, F. A., Corvin, A., Riley, B. P., Fanous, A. H., Sullivan, P. F., Bacanu, S., & Coon, H. (2017). Genome-Wide Association Study of Completed Suicide and Molecular Overlap with Schizophrenia and Major Depression. Symposium presented at the International Summit on Suicide Research.
- 2017 **Docherty AR**, Cohen, A., Debbian, M., Adkins, D. E., & Chan, R. (2017). Psychiatric Genomics and Schizotypy: An Organizing Framework. Symposium presented at the annual meeting of the International Schizotypy Consortium, Beijing, China.
- 2017 **Docherty AR**, Adkins, D. E., Fanous, A. H., Edwards, A. C., Corvin, A., Neale, M. C., Riley, B. P., Kendler, K. S., Sullivan, P. F., & Bacanu, S. A. (2017). Genetic subtyping of schizophrenia using molecular pathways. Symposium presentation at the International Congress on Schizophrenia Research.
- 2016 Moscati, A,* **Docherty AR**, Dick, D, Savage, J, Salvatore, J, Cooke, M, Aliev, F, Moore, A, Edwards, AC, Adkins, DE, Kendler, KS, Bacanu, SA. (2016). Polygenic atlas of the phenome in young adults. Presented at the American Society for Human Genetics.
- 2015 **Docherty AR**, Bigdeli TB, Edwards AC, Adkins DE, Peterson R, Yang Z, Flint J, Kendler KS, CONVERGE Consortium. SNP-Based Heritability Estimates of Personality Dimensions in CONVERGE and Polygenic Association with Major Depression. Annual Meeting of the International Society for Psychiatric Genetics, Toronto, Canada
- 2015 **Docherty AR**, Bigdeli TB, Edwards AC, Neale MC, Bacanu S, Lee D, Moscati AM, Maher BS, Wormley BS, Walsh D, O'Neill F A, Kendler KS, Riley BPH, Fanous AH. Gene-based and gene pathway analysis of symptom dimensions of psychotic illness based on schizophrenia-specific model of the OPCRIT. 2015 Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO

National

- 2022 **Docherty AR**, Lencz T, Garcia-Munoz G. Clinical Application of Polygenic Risk Metrics in Psychiatry: Opportunities, Challenges, and Limitations. Oral presentation at the annual meeting of the American College of Neuropsychopharmacology.
- 2016 **Docherty AR**, Adkins, DE, Fanous, AH, Edwards, AC, Corvin, A, Neale, MC, Riley, BP, Kendler, KS & Bacanu, SA (2016). Genetic subtyping of schizophrenia using molecular pathways. Award poster presented at the annual meeting of the American College of Neuropsychopharmacology.
- 2016 Lind MJ, Rappaport L, **Docherty AR**, Amstadter AB, Kendler KS. Trauma and genetic influences on sleep disturbance in a large Han Chinese sample. Annual Meeting of the American Academy of Sleep Research, Denver, CO

Grand Rounds/Speaker Series

- 2023 **Docherty AR**. Ethical issues related to the genetic prediction of suicidal behaviors. Columbia University Bioethics Speaker Series, New York City, NY USA.

- 2022 **Docherty AR.** Leveraging psychiatric genomics for clinical insights into population-based suicide death. Columbia University, Department of Psychiatry, New York City, NY USA.
- 2022 **Docherty AR.** Leveraging psychiatric genomics for clinical insights into population-based severe outcomes. University of Wisconsin-Madison, Department of Psychiatry, Madison, WI, USA.
- 2022 **Docherty AR.** Common variant genetic analyses to compliment neuroimaging studies. University of Alabama, Department of Psychiatry, Birmingham, AL, USA.
- 2022 **Docherty AR.** Leveraging psychiatric genomics for clinical insights into severe outcomes. Stony Brook School of Medicine Department of Psychiatry, Stony Brook, NY USA.
- 2021 **Docherty AR.** Leveraging psychiatric genomics for a healthier Utah. Huntsman Mental Health Institute, University of Utah Department of Psychiatry, Salt Lake City, UT USA
- 2016 **Docherty AR.** Psychiatric genomics. Huntsman Mental Health Institute, University of Utah Department of Psychiatry, Salt Lake City, UT USA
- 2013 **Docherty AR.** Emotional experience and reward in schizophrenia-spectrum disorders. Minneapolis Veterans Affairs Medical Center, Minneapolis, MN USA

OTHER SCHOLARLY ACTIVITIES

Quality & Value Improvement Projects

2019-2020 SafeUT Suicide Prevention Research & Development, Huntsman Mental Health Institute