

Curriculum Vitae

PERSONAL DATA

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EDUCATION

<u>Years</u>	<u>Degree</u>	<u>Institution (Area of Study)</u>
2013 - 2016	NIMH Postdoctoral Fellowship	Virginia Institute for Psychiatric and Behavioral Genetics (Statistical Genetics NIMH T32) Richmond, VA
2013	Ph.D.	University of Missouri-Columbia (Clinical Psychology) Columbia, MO
2012 - 2013	Clinical Internship	Minneapolis VA Health Care System (Clinical Psychology) Minneapolis, MN
2010 – 2012	NIMH Predoctoral Fellowship	University of Minnesota (NIMH Statistical Genetics F31) Minneapolis, MN
2009	M.A.	University of Missouri-Columbia (Clinical Psychology) Columbia, MO
2002	B.A.	Oberlin College & Conservatory Oberlin, OH

CURRENT LICENSES/CERTIFICATIONS

2016 – Present Utah Board of Professional Psychology: State License (UT) – Psychologist

PROFESSIONAL EXPERIENCE**Full-Time Positions**

2016-Present	Assistant Professor, Tenure-Track (Adult Division), University of Utah Department of Psychiatry & the Huntsman Mental Health Institute
2017-Present	Faculty, Interdisciplinary Neuroscience Program, University of Utah, Salt Lake City, UT
2016-Present	Affiliate Assistant Professor, Department of Psychiatry, Virginia Commonwealth University, Richmond, VA
2013 - 2016	Postdoctoral Fellowship, Statistical Genetics, Virginia Institute for Psychiatric & Behavioral Genetics Virginia Commonwealth University, Richmond, VA
2012 - 2013	Clinical Psychology Resident, Minneapolis VA Healthcare System

HONORS/AWARDS

2020	Vitae Scholar, University of Utah School of Medicine
2016 - 2021	EDGE Research Scholar, University of Utah School of Medicine
2017 - 2019	Vice President's Clinical & Translational Research Scholar, University of Utah School of Medicine
2016 - 2021	Travel Award, American College of Neuropsychopharmacology (ACNP)
2015	Young Investigator Award, Brain & Behavior Research Foundation (NARSAD)
2015	Young Investigator Award, Schizophrenia International Research Society
2014	Early Career Achievement Award, American Psychological Association
2013	Mark K. Thelen Outstanding Research Award, University of Missouri
2012	Graduate Excellence Award, University of Missouri-Columbia
2011	F. J. McGuigan Dissertation Award, American Psychological Association
2011	Dissertation Research Award, American Psychological Association
2009	Outstanding Master's Thesis Award, University of Missouri-Columbia
2009	Essay Award, Schizophrenia International Research Society (SIRS)
2009	Master's Thesis Award, Psychological Sciences, University of Missouri-Columbia
2008	NIMH Grant-Writing Fellowship, University of Missouri-Columbia
2000 – 2002	Merit Awards, Oberlin College & Conservatory

SERVICE

Editor

2020 - Present	Associate Editor, <i>Schizophrenia Bulletin</i>
2019 - Present	Consulting Editor, <i>Psychological Medicine</i>
2015 - 2019	Associate Editor, <i>Frontiers in Genetics</i>

Reviewer

<i>American Journal of Psychiatry</i>	<i>Journal of Personality Disorders</i>
<i>Assessment</i>	<i>Molecular Psychiatry</i>
<i>Behavior Genetics</i>	<i>Neuropsychiatric Genetics</i>
<i>Biological Psychiatry</i>	<i>Neuropsychologia</i>
<i>Cognition</i>	<i>Neuropsychopharmacology</i>
<i>Comprehensive Psychiatry</i>	<i>Neuroscience and Biobehavioral Reviews</i>
<i>JAMA</i>	<i>Psychological Assessment</i>
<i>JAMA Psychiatry</i>	<i>Psychological Medicine</i>
<i>Journal of Abnormal Psychology</i>	<i>Schizophrenia Bulletin</i>
<i>Journal of Affective Disorders</i>	<i>Scientific Reports</i>

University Administrative Positions

2016 – 2020	Graduate Admissions Committee, Interdisciplinary Neuroscience Program, University of Utah
2016 – 2021	Department Advisory Committee, Tenure and Promotion, University of Utah Department of Psychiatry
2016	Internal Grant Review, Clinical and Translational Science Program, University of Utah School of Medicine

Professional Organizations & Scientific Activities

International

2018 -	Genetic Testing Advisory Committee, International Society of Psychiatric Genetics
2018 - 2019	Ethics Advisory Committee, International Society of Psychiatric Genetics Symposium Award Committee, International Society of Psychiatric Genetics
2016 – 2019	Early Career Award Committee, International Society of Psychiatric Genetics
2017	Scientific Abstract Review, International Society of Psychiatric Genetics
2016	Poster Award Committee, International Society of Psychiatric Genetics
2016	Symposium Award Committee, International Society of Psychiatric Genetics
2015	Symposium Review, APA: Division 12 - Society of Clinical Psychology
2014	Symposium Review, APA, Adult Psychopathology
2012 – 2013	Program Review, APA: Division 12 - Society of Clinical Psychology, Psychopathology Section
2011 – 2012	National Graduate Representative, CUDCP

Grant Review Committees/Study Sections

2021	NIMH Behavior Genetics & Epidemiology Study Section (BGES)
2021	NIMH Clinical Trials Study Section
2020	NIMH Behavior Genetics & Epidemiology Study Section (BGES)
2019	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
2014 – 2017	American Psychological Foundation

Symposium/Meeting Chair/Coordinator

2021	Planning Committee, World Congress for Psychiatric Genetics: Psychiatric Genomics Consortium Day
2021	Psychiatric Genomics Consortium Discussant, World Congress for Psychiatric Genetics
2019	Symposium Chair and Discussant, World Congress for Psychiatric Genetics
2019	Symposium Moderator, World Congress for Psychiatric Genetics/International Society for Psychiatric Genetics
2019	Symposium Moderator, International Consortium for Schizotypy Research
2019	Conference Co-Chair, International Congress on Schizotypy Research
2018	Symposium Co-Chair, Annual Meeting of the Society for Research in Psychopathology
2018	Genetics Working Group Panel: Hierarchical Taxonomy of Psychopathology Consortium
2018	Higher Order Dimensions Working Group Panel: Hierarchical Taxonomy of Psychopathology Consortium
2018	Clinical Translation Working Group Panel: Hierarchical Taxonomy of Psychopathology Consortium

2017 Symposium Speaker, International Schizotypy Consortium, Beijing, China
 2016 – 2020 Executive Committee, International Congress on Schizotypy Research

PROFESSIONAL ACTIVITIES

National/International

2021 PGC Organizing Committee Member, World Congress for Psychiatric Genetics
 2020 - Associate Course Director, NIH NINDS R25 Workshop on Statistical Analysis of Imaging and Genetic Data (PI Welsh)
 2018 - Contributing Member of the Substance Use Disorder, PTSD, and Suicide Working Groups, Psychiatric Genomics Consortium
 2017 - Contributing Member of the Anxiety, Depression, and Schizophrenia Working Groups, Psychiatric Genomics Consortium
 2017 - Clinical Translation, Assessment & Utility Working Groups, Hierarchical Taxonomy of Psychopathology Consortium
 2017 – 2018 Scientific Review, American Psychological Foundation (F.J. McGuigan Award)
 2016 – 2017 Review & Advisory, American Psychological Foundation (F.J. McGuigan Award)
 2015 – 2016 Postdoctoral Executive Council, Virginia Commonwealth University
 2014 – 2016 Postdoctoral Advisory Committee, Virginia Commonwealth University
 2014 – 2015 Research Council Representative, Virginia Commonwealth University
 2012 – 2014 Academic Fellowship Mentor, Minnesota League of Women Voters

University Level

2020 - Associate Course Director, NIH R25 NINDS Statistical Workshop
 2016 - Affiliate Faculty, Consortium for Families and Health Research (C-FAHR)

University of Utah Health

2021 - Supervisor, HMHI Downtown Behavioral Health Clerkship, Doctoral Program in Clinical Psychology, Department of Psychology, University of Utah
 2020 - Faculty, Trans Health Program, Health Sciences
 2019 – 2021 Faculty Mentor, Spheres of Translation Across the Research Spectrum (STARS) KL2, Center for Clinical and Translational Science
 Department of Human Genetics & Department of Population Health Sciences/ Huntsman Cancer Institute

Department Level

2021 - Grand Rounds Committee, Psychiatry
 2021 - Faculty Communications Committee, Psychiatry
 2018 - Advising Mentor, Psychiatry
 2017 - Faculty Mentor, Psychiatry
 2016 - 2019 Faculty Search Committee, Psychiatry
 2016 - 2018 Neuroimaging Journal Club, Co-Facilitator, Psychiatry

Service at Previous Institutions

2015 – 2016	Representative, Virginia Commonwealth University, Academic Affairs Committee
2015 – 2016	Representative, Virginia Commonwealth University, Virginia Institute for Psychiatric and Behavioral Genetics (VIPBG) & University Research Council
2015 – 2016	Postdoctoral Research Symposium Award Committee, Virginia Commonwealth University
2015 – 2016	Postdoctoral Executive Council, Virginia Commonwealth University
2014 – 2015	Postdoctoral Advisory Committee, Virginia Commonwealth University
2013	Suicide Prevention Committee, Minneapolis VA Health Care System
2012 - 2013	Co-Lead, Treatment Outcomes Initiative, Minneapolis VA Health Care System
2010 - 2011	Scholarly Communications Committee, University of Missouri-Columbia
2009	Graduate Merit Award Committee Chair, University of Missouri-Columbia
2009 - 2010	Clinical Training Committee, University of Missouri-Columbia
2009 - 2010	Clinic Executive Committee, University of Missouri-Columbia

Professional Societies

American Association for the Advancement of Science

American Group Therapy Association

American Society of Human Genetics (ASHG)

Association for Psychological Science (APS)

Behavior Genetics Association (BGA)

International Society of Psychiatric Genetics (ISPG)

LGBTQIA+ Affirmative Therapists Guild of Utah

Psychiatric Genomics Consortium

Society for Research in Psychopathology (SRP)

RESEARCH

FUNDING

Active

- 07/01/20 - 06/30/25 NIMH R01: Genome-Wide Association Analysis of Suicide Death
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$2,365,420 Total Costs: \$3,607,265
National Institute of Mental Health
Principal Investigator
- 06/30/17 - 08/01/21 Simons Foundation Award: Modeling the Genetics of Autism
Principal Investigator(s): Anna R. Docherty; Hilary Coon; Gabor Marth; Aaron Quinlan
Direct Costs: \$549,919 Total Costs: \$595,747
Simons Foundation
Co-Principal Investigator
- 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
Co-Investigator

07/01/20 - 06/30/25 NIEHS R01: The Influence of Multiple Environmental Exposures on Suicide Risk
Principal Investigator(s): Amanda V. Bakian
National Institute of Environmental Health Sciences
Co-Investigator

07/01/20 - 06/30/25 NIMH R01: Prediction of Suicide Death Using EHR and Polygenic Risk Scores.
Principal Investigator(s): Hilary Coon
National Institute of Mental Health
Co-Investigator

In Review

10/01/21 – 09/31/26 NIMH R01: *Genome-Wide Meta-Analysis of Suicide Death & Suicidal Behaviors*
Principal Investigator(s): Douglas Ruderfer; Anna R. Docherty; Niamh Mullins
National Institute of Mental Health
Principal Investigator/Site PI

07/01/21 – 06/31/26 NIMH R01: *Co-Analyzing GWAS to Accelerate Genetic Discovery of Suicide Death*
Principal Investigators: Silviu Bacanu; Alexis Edwards
National Institute of Mental Health
Co-Investigator

03/01/22 – 02/28/24 NIMH R21: *Assessing the Attitudes of Diverse Communities Toward Genetic Testing for Suicide Risk*
Principal Investigators: Anna Docherty, Brent Kious
National Institute of Mental Health
Principal Investigator

Completed

12/31/18 - 12/31/19 Deconvolution of Polygenic Risk Scores Toward Molecular Consequences
Principal Investigator(s): Anna R. Docherty; Nicola J. Camp
Direct Costs: \$48,000 Total Costs: \$48,000
Utah Genome Project Partnership Grant Program
Principal Investigator

12/01/17 - 12/01/19 AFSP Early Career Award: Proximal Environmental Exposures for the Chronic Inflammation Suicide Subtype
Direct Costs: \$100,000 Total Costs: \$100,000
American Foundation for Suicide Prevention
Co-Investigator

- 08/01/17 - 08/01/19 Modeling the Genetic Heterogeneity of Suicide and Serious Mental Illness
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$17,000 Total Costs: \$17,000
University of Utah Seed Grant
Principal Investigator
- 03/15/17 - 06/30/18 Modeling the Genetic Overlap of Suicide, Schizophrenia, and Major Depression
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$49,000 Total Costs: \$49,000
University of Utah Department of Psychiatry
Principal Investigator
- 08/31/16 - 02/29/20 NIMH K01: Modeling the Dimensionality and Genetic Heterogeneity of Schizophrenia
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$643,445 Total Costs: \$694,261
National Institute of Mental Health
Principal Investigator
- 07/15/16 - 07/14/18 Young Investigator Award: Modeling Risk with Schizophrenia Risk Loci
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$63,938 Total Costs: \$63,938
Brain & Behavior Research Foundation (NARSAD)
Principal Investigator
- 01/01/10 - 01/01/12 NIMH F31: Ruth Kirschstein National Research Service Award
Principal Investigator(s): Anna R. Docherty
Direct Costs: \$71,519 Total Costs: \$71,519
National Institute of Mental Health
Principal Investigator

Additional Research/Scholarship

- 2020 – 2022 Consultant, AFSP Young Investigator Award PI: E. Johnson, Washington University
- 2020 – 2022 Consultant, NIMH R21 PI: K. Jonas, Stony Brook University SOM
- 2019 – 2023 Consultant, NIMH K01 PI: K. Jonas, Stony Brook University SOM

Peer-Reviewed Publications

1. **Docherty AR**, Kious B, Brown T, Francis L, Stark L, Keeshin B, Botkin J, DiBlasi E, Gray D, & Coon H. Ethical concerns relating to genetic risk scores for suicide. *Am J Med Genet B Neuropsychiatr Genet.*, In Press (2021).
2. DiBlasi E, Koeung J, **Docherty AR**. Genetic contributions to suicidal thoughts and behaviors. *Psychol Med.*, In Press (2021).
3. DiBlasi E, Shabalin AA, Monson E, Bakian AV, Kirby A, Ferris E, Chen D, William N, Gaj, A., Klein M, Jerominski L, Callor W, Christensen E, Smith K, Fraser A, Yu Z, Gray D, Camp N, Stahl E, Li Q, **Docherty AR*** & Coon H.* Rare protein coding variants implicate genes involved in risk of suicide death. *Am J Med Genet B Neuropsychiatr Genet*, In Press (2021).

4. Mullins N, Kang J, [...] Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium, Bipolar Disorder Working Group of the Psychiatric Genomics Consortium, Eating Disorders Working Group of the Psychiatric Genomics Consortium, German Borderline Genomics Consortium, Wray NM, Zai C, Agerbo E, Børglum AD, Breen G, Erlangsen A, Esko T, Gelernter J, Hougaard D, Kessler RC, Kranzler H, Li QS, Martin NG, McIntosh A, Medland SE, Mors O, Nordentoft M, Olsen CM, Porteous D, Ursano RJ, Wasserman D, Werge T, Whiteman DC, Bulik CM, Coon H, Demontis D, **Docherty AR**, Kuo PH, Lewis CM, Mann JJ, Rentería ME, Smith DJ, Stahl E, Stein MB, Streit F, Willour V, Ruderfer DM. Dissecting the shared genetic architecture of suicide attempt, psychiatric disorders and known risk factors. *Biol Psychiatry*, In Press (2021).
5. Monson E, Shabalin A, **Docherty AR**, DiBlasi E, Bakian AV, Li Q, Gray D, Keeshin B, Crowell S, Mullins N, Willour V, & Coon H. Assessment of Suicide Attempt and Death in Bipolar Affective Disorder: A Combined Clinical and Genetic Approach. *Transl Psychiatry*, In Press (2021).
6. Johnson E, Aliev F, Meyers J, Salvatore JE, Tilman R, Chang Y, **Docherty AR**, Bogdan R, Acion L, Chan G, Chorlian DB, Kamarajan C, Kuperman S, Pandey A, Plawecki MH, Schuckit M, Tischfield J, Edenberg HJ, Bucholz KK, Nurnberger JI, Porjesz B, Hesselbrock V, Dick DM, Kramer JR, Agrawal A. Associations Between Suicidal Thoughts and Behaviors and Genetic Liability for Cognitive Performance, Depression, and Risk-taking in a High-risk Sample. *Complex Psychiatry*, In Press (2021).
7. Cohen AS, Cox CR, Cowan TM, Masucci MD, Le TP, **Docherty AR**, & Bedwell JS. Predictive accuracy of negative schizotypy with acoustic measures. *Clinical Psychological Science*, In Press (2021).
8. Cicero DC, Jonas KG, Chmielewski M, Martin EA, **Docherty AR**, Berzon J, Reininghaus U, Haltigan JD, Caspi A, Grazioplene R & Kotov R. Development of the thought disorder measure for the Hierarchical Taxonomy of Psychopathology. *Assessment*, In Press (2021).
9. **Docherty AR**, Shabalin AA, DiBlasi E, Monson E, Mullins N, Adkins DE, Bacanu SA, Bakian AV, Crowell S, Darlington T, Callor BW, Christensen E, Gray D, Keeshin B, Klein M, Anderson JS, Jerominski L, Hayward C, Porteous D, McIntosh A, Li Q, Coon H. Genome-wide association analysis of suicide death and polygenic prediction of clinical antecedents. *American Journal of Psychiatry*, In Press (2020).
10. **Docherty AR**, Shabalin AA, Adkins DE, Mann F, Krueger RF, Bacanu S, Campbell A, Hayward C, Porteous D, McIntosh A, Kendler K. Molecular genetic risk for psychosis is associated with psychosis risk symptoms in a population-based UK cohort: Findings from Generation Scotland. *Schizophrenia Bulletin*, In Press (2020).
11. Waszczuk MA, **Docherty AR**, Shabalin AA, Miao J, Yang X, Kuan PF, Bromet E, Kotov R, Luft BJ. Polygenic prediction of PTSD trajectories in 9/11 responders. *Psychological Medicine*, In Press (2020).
12. Kious B, **Docherty AR**, Brown T, Francis L, Stark L, & Coon H. Ethical and public health implications of genetic testing for suicide risk: Family and survivor perspectives. *Genetics in Medicine*, In Press (2020).
13. Johnson EC, Demontis D, Thorgeirsson TE, Walters RK, Polimanti R, Hatoum AS, Sanchez-Roige S, Paul SE, Wendt FR, Clarke TK, Lai D, Reginsson GW, Zhou H, He J, Baranger DAA, Gudbjartsson DF, Wedow R, Adkins DE, Adkins AE, Alexander J, Bacanu SA, Bigdeli TB, Boden J, Brown SA, Bucholz KK, Bybjerg-Grauholm J, Corley RP, Degenhardt L, Dick DM, Domingue BW, Fox L, Goate AM, Gordon SD, Hack LM, Hancock DB, Hartz SM, Hickie IB, Hougaard DM, Krauter K, Lind PA, McClintick JN, McQueen MB, Meyers JL, Montgomery GW,

- Mors O, Mortensen PB, Nordentoft M, Pearson JF, Peterson RE, Reynolds MD, Rice JP, Runarsdottir V, Saccone NL, Sherva R, Silberg JL, Tarter RE, Tyrfingsson T, Wall TL, Webb BT, Werge T, Wetherill L, Wright MJ, Zellers S, Adams MJ, Bierut LJ, Boardman JD, Copeland WE, Farrer LA, Foroud TM, Gillespie NA, Gruzca RA, Harris KM, Heath AC, Hesselbrock V, Hewitt JK, Hopfer CJ, Horwood J, Iacono WG, Johnson EO, Kendler KS, Kennedy MA, Kranzler HR, Madden PAF, Maes HH, Maher BS, Martin NG, McGue M, McIntosh AM, Medland SE, Nelson EC, Porjesz B, Riley BP, Stallings MC, Vanyukov MM, Vrieze S; Psychiatric Genomics Consortium Substance Use Disorders Workgroup, Davis LK, Bogdan R, Gelernter J, Edenberg HJ, Stefansson K, Børglum AD, Agrawal A. A large-scale genome-wide association study meta-analysis of cannabis use disorder. *Lancet Psychiatry*, In Press (2020).
14. Chatzinakos C, Georgiadis F, Lee D, Cai Na, Vladimirov V, **Docherty AR**, Webb BT, Riley B, Flint J, Kendler K, Daskalakis N, & Bacanu SA. TWAS pathway method greatly enhances the number of leads for uncovering the molecular underpinnings of psychiatric disorders. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, In Press (2020).
15. Latzman R *et al.* Using empirically-derived dimensional phenotypes to accelerate clinical neuroscience: The Hierarchical Taxonomy of Psychopathology (HiTOP) framework. *Neuropsychopharmacology*, In Press (2020).
16. Munn-Chernoff MA, Johnson EC, Chou YL, Coleman JRI, Thornton LM, Walters RK, Yilmaz Z, Baker JH, Hubel C, Gordon S, Medland SE, Watson HJ, Gaspar HA, Bryois J, Hinney A, Leppa VM, Mattheisen M, Ripke S, Yao S, Giusti-Rodriguez P, Hanscombe KB, Adan RAH, Alfredsson L, Ando T, Andreassen OA, Berrettini WH, Boehm I, Boni C, Boraska Perica V, Buehren K, Burghardt R, Cassina M, Cichon S, Clementi M, Cone RD, Courtet P, Crow S, Crowley JJ, Danner UN, Davis OSP, de Zwaan M, Dedoussis G, Degortes D, DeSocio JE, Dick DM, Dikeos D, Dina C, Dmitrzak-Weglaz M, Docampo E, Duncan LE, Egberts K, Ehrlich S, Escaramis G, Esko T, Estivill X, Farmer A, Favaro A, Fernandez-Aranda F, Fichter MM, Fischer K, Focker M, Foretova L, Forstner AJ, Forzan M, Franklin CS, Gallinger S, Giegling I, Giuranna J, Gonidakis F, Gorwood P, Gratacos Mayora M, Guillaume S, Guo Y, Hakonarson H, Hatzikotoulas K, Hauser J, Hebebrand J, Helder SG, Herms S, Herpertz-Dahlmann B, Herzog W, Huckins LM, Hudson JI, Imgart H, Inoko H, Janout V, Jimenez-Murcia S, Julia A, Kalsi G, Kaminska D, Karhunen L, Karwautz A, Kas MJH, Kennedy JL, Keski-Rahkonen A, Kiezebrink K, Kim YR, Klump KL, Knudsen GPS, La Via MC, Le Hellard S, Levitan RD, Li D, Lilienfeld L, Lin BD, Lissowska J, Luyckx J, Magistretti PJ, Maj M, Mannik K, Marsal S, Marshall CR, Mattingsdal M, McDevitt S, McGuffin P, Metspalu A, Meulenbelt I, Micali N, Mitchell K, Monteleone AM, Monteleone P, Nacmias B, Navratilova M, Ntalla I, O'Toole JK, Ophoff RA, Padyukov L, Palotie A, Pantel J, Papezova H, Pinto D, Rabionet R, Raevuori A, Ramoz N, Reichborn-Kjennerud T, Ricca V, Ripatti S, Ritschel F, Roberts M, Rotondo A, Rujescu D, Rybakowski F, Santonastaso P, Scherag A, Scherer SW, Schmidt U, Schork NJ, Schosser A, Seitz J, Slachtova L, Slagboom PE, Slof-Op't Landt MCT, Slopian A, Sorbi S, Swiatkowska B, Szatkiewicz JP, Tachmazidou I, Tenconi E, Tortorella A, Tozzi F, Treasure J, Tsitsika A, Tyszkiewicz-Nwafor M, Tziouvas K, van Elburg AA, van Furth EF, Wagner G, Walton E, Widen E, Zeggini E, Zerwas S, Zipfel S, Bergen AW, Boden JM, Brandt H, Crawford S, Halmi KA, Horwood LJ, Johnson C, Kaplan AS, Kaye WH, Mitchell J, Olsen CM, Pearson JF, Pedersen NL, Strober M, Werge T, Whiteman DC, Woodside DB, Grove J, Henders AK, Larsen JT, Parker R, Petersen LV, Jordan J, Kennedy MA, Birgegard A, Lichtenstein P, Noring C, Landen M, Mortensen PB, Polimanti R, McClintick JN, Adkins AE, Aliev F, Bacanu SA, Batzler A, Bertelsen S, Biernacka JM, Bigdeli TB, Chen LS, Clarke TK, Degenhardt F, **Docherty AR**, Edwards AC, Foo JC, Fox L, Frank J, Hack LM, Hartmann AM, Hartz SM, Heilmann-Heimbach S, Hodgkinson C, Hoffmann P, Hottenga JJ, Konte B, Lahti J, Lahti-Pulkkinen M, Lai D, Ligthart

- L, Loukola A, Maher BS, Mbarek H, McIntosh AM, McQueen MB, Meyers JL, Milaneschi Y, Palviainen T, Peterson RE, Ryu E, Saccone NL, Salvatore JE, Sanchez-Roige S, Schwandt M, Sherva R, Streit F, Strohmaier J, Thomas N, Wang JC, Webb BT, Wedow R, Wetherill L, Wills AG, Zhou H, Boardman JD, Chen D, Choi DS, Copeland WE, Culverhouse RC, Dahmen N, Degenhardt L, Domingue BW, Frye MA, Gabel W, Hayward C, Ising M, Keyes M, Kiefer F, Koller G, Kramer J, Kuperman S, Lucae S, Lynskey MT, Maier W, Mann K, Mannisto S, Muller-Myhsok B, Murray AD, Nurnberger JI, Preuss U, Raikkonen K, Reynolds MD, Ridinger M, Scherbaum N, Schuckit MA, Soyka M, Treutlein J, Witt SH, Wodarz N, Zill P, Adkins DE, Boomsma DI, Bierut LJ, Brown SA, Bucholz KK, Costello EJ, de Wit H, Diazgranados N, Eriksson JG, Farrer LA, Foroud TM, Gillespie NA, Goate AM, Goldman D, Grucza RA, Hancock DB, Harris KM, Hesselbrock V, Hewitt JK, Hopfer CJ, Iacono WG, Johnson EO, Karpyak VM, Kendler KS, Kranzler HR, Krauter K, Lind PA, McGue M, MacKillop J, Madden PAF, Maes HH, Magnusson PKE, Nelson EC, Nothen MM, Palmer AA, Penninx B, Porjesz B, Rice JP, Rietschel M, Riley BP, Rose RJ, Shen PH, Silberg J, Stallings MC, Tarter RE, Vanyukov MM, Vrieze S, Wall TL, Whitfield JB, Zhao H, Neale BM, Wade TD, Heath AC, Montgomery GW, Martin NG, Sullivan PF, Kaprio J, Breen G, Gelernter J, Edenberg HJ, Bulik CM, Agrawal A. Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. *Addict Biol.* 2020:e12880. In Press (2020).
17. DiBlasi E, Kirby AV, Gaj E, **Docherty AR**, Keeshin BR, Bakian AV, Coon H. Genetic Links Between Autism and Suicidal Behavior: A Preliminary Investigation. *J Autism Dev Disord.* In Press (2020).
 18. Coleman JRI *et al.* Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. *Molecular Psychiatry*, In Press (2020).
 19. **Docherty AR**, Moscati A, Bigdeli TB, Edwards AC, Peterson RE, Adkins DE, Anderson JS, Flint J, Kendler KS, Bacanu SA. Pathway-based polygene risk for severe depression implicates drug metabolism in CONVERGE. *Psychol Med.* 2019:1-6.
 20. Ruggero CJ, Kotov R, Hopwood CJ, First M, Clark LA, Skodol AE, Mullins-Sweatt SN, Patrick CJ, Bach B, Cicero DC, **Docherty A**, Simms LJ, Bagby RM, Krueger RF, Callahan JL, Chmielewski M, Conway CC, De Clercq B, Dornbach-Bender A, Eaton NR, Forbes MK, Forbush KT, Haltigan JD, Miller JD, Morey LC, Patalay P, Regier DA, Reininghaus U, Shackman AJ, Waszczuk MA, Watson D, Wright AGC, Zimmermann J. Integrating the Hierarchical Taxonomy of Psychopathology (HiTOP) into clinical practice. *J Consult Clin Psychol.* 2019;87(12):1069-1084.
 21. Cross Disorder Working Group of the Psychiatric Genomics Consortium. (2019). Genomic relationships, novel loci, and pleiotropic mechanisms across eight psychiatric disorders. *Cell*, In Press (2019).
 22. Perkins, E.R. *et al.* Neurobiology and the Hierarchical Taxonomy of Psychopathology: Progress toward ontogenetically informed and clinically useful nosology. *Dialogues in Clinical Neuroscience*, In Press (2019).
 23. Waszczuk MA, Eaton NR, Krueger RF, Shackman AJ, Waldman ID, Zald DH, Lahey BB, Patrick CJ, Conway CC, Ormel J, Hyman SE, Fried EI, Forbes MK, **Docherty AR**, Althoff RR, Bach B, Chmielewski M, DeYoung CG, Forbush KT, Hallquist M, Hopwood CJ, Ivanova MY, Jonas KG, Latzman RD, Markon KE, Mullins-Sweatt SN, Pincus AL, Reininghaus U, South SC, Tackett JL, Watson D, Wright AGC, Kotov R. Redefining phenotypes to advance psychiatric genetics: Implications from hierarchical taxonomy of psychopathology. *J Abnorm Psychol.* 2020;129(2):143-161.

24. Anderson JS, Shade J, DiBlasi E, Shabalin AA, **Docherty AR**. Polygenic risk scoring and prediction of mental health outcomes. *Curr Opin Psychol*. 2019;27:77-81.
25. Conway CC, Forbes MK, Forbush KT, Fried EI, Hallquist MN, Kotov R, Mullins-Sweatt SN, Shackman AJ, Skodol AE, South SC, Sunderland M, Waszczuk MA, Zald DH, Afzali MH, Bornovalova MA, Carragher N, **Docherty AR**, Jonas KG, Krueger RF, Patalay P, Pincus AL, Tackett JL, Reininghaus U, Waldman ID, Wright AGC, Zimmermann J, Bach B, Bagby RM, Chmielewski M, Cicero DC, Clark LA, Dalgleish T, DeYoung CG, Hopwood CJ, Ivanova MY, Latzman RD, Patrick CJ, Ruggero CJ, Samuel DB, Watson D, Eaton NR. A Hierarchical Taxonomy of Psychopathology Can Transform Mental Health Research. *Perspect Psychol Sci*. 2019;14(3):419-436.
26. Eyler LT, Elman JA, Hatton SN, Gough S, Mischel AK, Hagler DJ, Franz CE, **Docherty A**, Fennema-Notestine C, Gillespie N, Gustavson D, Lyons MJ, Neale MC, Panizzon MS, Dale AM, Kremen WS. Resting State Abnormalities of the Default Mode Network in Mild Cognitive Impairment: A Systematic Review and Meta-Analysis. *J Alzheimers Dis*. 2019;70(1):107-120.
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Selected Conference Presentations

- 2020 **Docherty AR**. Identifying the Genetic Basis of Suicide. Presented for the 2020 Vitae Scholar Award Series, University of Utah Health Sciences.
- 2020 **Docherty AR**, Shabalin AA, DiBlasi E, Bacanu SA, Coon H. Genome-Wide Analysis of Suicide Death and Polygenic Prediction of Premorbid Clinical Diagnoses. Presented at the annual meeting of the Center for Genomic Medicine.
- 2019 **Docherty AR**, Shabalin AA, DiBlasi E, Bacanu SA, Coon H. Genome-Wide Analysis of Suicide Death and Polygenic Prediction of Premorbid Clinical Diagnoses. Presented at the annual meeting of the American College of Neuropsychopharmacology.
- 2019 DiBlasi E,* Li QS, Shabalin AA, Jerominski L, Callor WB, Christensen E, Keeshin B, Ferris E, Bakian AV, Chen D, Monson ET, Gray D, Camp NJ, **Docherty AR** & H Coon. Suicide Deaths Selected for Genetic Risk: Polygenic Risk Score Characteristics and High-Impact Sequence Variants. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 Waszczuk M, **Docherty AR**, Shabalin A, Michelini G, Perlman G, Kuan PF, Kotov R. Polygenic Risk to Developmental Trajectories of Hierarchically-Organized Internalizing Psychopathology. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 Waszczuk M, Kuan PF, **Docherty AR**, Shabalin A, Bromet E, Luft B, Kotov R. Polygenic Prediction of PTSD Trajectories In 9/11 Responders. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 DiBlasi E,* Li QS, Shabalin AA, Jerominski L, Callor WB, Christensen E, Keeshin B, Ferris E, Bakian AV, Chen D, Monson ET, Gray D, Camp NJ, **Docherty AR** & H Coon. Rare Variants Involved in Risk of Suicide Death Identified From Targeted Genome-Wide Array Analysis. Presented at the annual meeting of the American Society for Human Genetics.
- 2019 **Docherty AR**, Shabalin AA, DiBlasi E, Bacanu SA, Coon H. Genome-Wide Analysis of Suicide Death and Polygenic Prediction of Premorbid Clinical Diagnoses. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 DiBlasi, E, Shabalin, A, **Docherty, AR**, Coon, H. Characterization of Rare Genetic Variants Involved in Risk of Suicide Death. Presented at the International Summit on Suicide Research.
- 2019 Coleman JR, Breen G, Major Depressive Disorder and Bipolar Disorder Working Groups of the Psychiatric Genomics Consortium. Insights into the genetics of the mood disorder spectrum. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 Coon H, Shabalin A, DiBlasi E, Keeshin B, Bakian A, Ferris E, Callor WB, Velinder M, Pedersen B, Christensen E, Quinlan A, Marth G, Li Q, Gray D, **Docherty AR**. Suicide deaths selected for genetic risk: polygenic risk score characteristics and high-impact sequence variants. Presented at the annual meeting of the International Society for Psychiatric Genetics.
- 2019 MengZhen Liu¹ on behalf of the Trans-Omics for Precision Medicine (TOPMed) and the GWAS & Sequencing Consortium of Alcohol and Nicotine use (GSCAN). Trans-ethnic

- GWAS meta-analysis of tobacco and alcohol use. Presented at the annual meeting of the American Society for Human Genetics.
- 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.
- 2018 Anderson J,* DiBlasi E,* Shabalin A, , Coon H & **Docherty AR**. GWAS of Suicide Death. Annual Meeting of the International Society for Psychiatric Genetics.
- 2018 Lohman B*, Quinlan A, Marth G, Coon, H, Farrell A, & **Docherty, AR**. WGS and Polygenic Risk Integration in Autism. Annual Meeting of the American Society for Human Genetics.
- 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, A & **Docherty, AR**. Soft-Thresholding for Enhanced Polygenic Risk Prediction. Annual Meeting of the American Society for Human Genetics.
- 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**, 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 **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. Poster presented at the American Society for Human Genetics.
- 2016 Moscati, A.,* **Docherty AR**, Dick, D, Savage, J., Salvatore, J., Cooke, M., Aliev, F., Moore, A., Edwards, A. C., Adkins, D. E., Kendler, K. S. & Bacanu, S. A. (2016). Polygenic atlas of the phenome in young adults: Part I. Oral presentation at the annual meeting of the International Society for Psychiatric Genetics.
- 2016 Moscati, A.,* **Docherty AR**, Dick, D, Savage, J., Salvatore, J., Cooke, M., Aliev, F., Moore, A., Edwards, A. C., Adkins, D. E., Kendler, K. S. & Bacanu, S. A. (2016). Polygenic atlas of the phenome in young adults. Presented at the American Society for Human Genetics.
- 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
- 2015 **Docherty AR**, Adkins DE, Edwards AC, Neale MC, Bacanu S, Fanous AH. Genetic subtyping of schizophrenia I: Application of methods to cases from the Psychiatric Genomics Consortium. Annual Meeting of the International Society for Psychiatric Genetics, Toronto, Canada
- 2015 Lyons A (student), Sponheim SR, Kerns JG, **Docherty AR**. Self-reported affective traits and current affective experience in biological relatives of people with schizophrenia. 2015 Meeting of the International Congress on Schizophrenia Research, Colorado Springs, CO

- 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
- 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 Karcher N, Cicero DC, Merrill A, **Docherty AR**, Kerns JK. Association Between Updating Working Memory and Communication in Schizophrenia. Annual Meeting of the Society for Research in Psychopathology, New Orleans, LA
- 2015 Edwards AC, Aggen SH, Cai N, Bigdeli TB, Peterson RE, Bacanu S, Webb BT, **Docherty AR**, Kendler KS, Flint J. Investigating relationships between molecular markers and clinical characteristics of major depression among Han Chinese women. Annual meeting of the International Society for Psychiatric Genetics, Toronto, Canada
- 2015 Panizzon M, Neale MC, **Docherty AR**, Franz C, Jacobson K, Fiecas M, Toomey R, Xian H, Vasilopoulos T, Rana B, McKenzie R, Lyons M, Kremen W. Genetic and environmental architecture of changes in episodic memory from middle to late middle age. Annual Meeting of Behavior Genetics Association, San Diego, CA
- 2014 Edwards AC, Bigdeli TB, **Docherty AR**, Moscati A, Riley BP, Kendler KS, Fanous AH. Genetic Factors Contributing to Clinical Heterogeneity in Schizophrenia. Annual Meeting of the Behavior Genetics Association, Charlottesville, VA
- 2014 **Docherty AR**, Bigdeli TB, Edwards AC, Neale MC, Bacanu S, Lee D, Moscati AM, Maher BS, Wormley BS, Walsh D, O'Neill FA, Kendler KS, Riley BP, Fanous AH. Genome-Wide and Gene-Based Analysis of Symptomatic-Dimensions of Psychotic Illness Based on a New Three-Factor Schizophrenia-Specific Model of the OPCRIT. Annual Meeting of the International Society for Psychiatric Genetics, Copenhagen, Denmark
- 2014 **Docherty AR**, Panizzon M, Neale MC, Chen C, Fiecas M, Elyer LT, Fennema-Notestine C, Hagler D, Fischl B, Franz C, Jak A, Lyons MJ, Rinker D, Thompson WK, Tsuang M, Dale A, Kremen W. Does Degree of Gyrfication Underlie the Phenotypic and Genetic Associations between Cortical Surface Area and Cognitive Ability? Annual Meeting of the Society for Neuroscience, Washington, DC
- 2014 **Docherty AR**, Neale MN, Schmitt E, Smit D, Kremen W, Medland S. Genetic Networks of the Human Cortex. Annual Meeting of Behavior Genetics Association, Charlottesville, VA
- 2014 Edwards AC, Bigdeli TB, **Docherty AR**, Moscati A, Riley BP, Kendler KS, Fanous AH. Genetic Factors Contributing to Clinical Heterogeneity in Schizophrenia. International Society for Psychiatric Genetics, Copenhagen, Denmark
- 2014 Panizzon M, Neale MC, **Docherty AR**, Chen C, Fiecas M, Elyer LT, Fennema-Notestine C, Hagler D, Fischl B, Franz C, Jak A, Lyons MJ, Rinker D, Thompson WK, Tsuang M, Dale A, Kremen W. Change of Genetic Variation in Memory at Midlife. Annual Meeting of Behavior Genetics Association, Charlottesville, VA

TEACHING

Courses Directed

- 2020 - *Advanced Statistical Methods in Imaging and Genetics*, University of Utah
School of Medicine NINDS R25 Training Workshop

- 2016 *Adult Psychopathology*, Virginia Commonwealth University
2015 – 2016 *Psychiatric Nosology*, Virginia Commonwealth University
2014 – 2015 *Assessment of Psychopathology*, Virginia Commonwealth University

Course Lectures & Small Group Teaching

- 2020 *K01 Writing Club*, Dept of Psychiatry, University of Utah
2016 – 2018 *Research Journal Club*, Dept of Psychiatry, University of Utah
2015 *Psychological Assessment*, Virginia Commonwealth University
2014 *Assessment of Psychopathology*, Virginia Commonwealth University

Software Teaching Pipelines

Programming: R, Unix shell (bash), basic Perl

Statistics: R, Mplus, OpenMx, SAS, etc.

Genomics tools: Bowtie etc., CPDB, FreeBayes, FUMA, Galaxy, GATK, GCTA, KEGG, KGG, LD Hub, LDpred, LDSC, LocusZoom, MERLIN, METAL, mt-COJO, Plink, Popcorn, PRSs, PRSice, RNA-seq methods and analysis, SAMtools

Trainee Advising/Mentoring

Faculty

- 2020- Faculty Mentor, Research Assistant Professor, Emily DiBlasi, PhD, University of Utah, Mentorship and provision of resources for grants submitted to AFSP and BBRF (both funded).
- 2018- Faculty Mentor, Tenure-track Instructor, Andrew Smith PhD, University of Utah, Mentorship through the process of creating aims for a VA Career Development Award. Mentorship in professional relations, peer consultation for clinical psychotherapy practice.
- 2017- Faculty Mentor, Research Assistant Professor, Andrey Shabalín PhD, University of Utah, Faculty Mentor. Mentorship and provision of resources for grants submitted to BBRF and the NIH.
- 2016- Faculty Mentor, Research Assistant Professor, Vincent Koppelmans PhD, University of Utah, Mentorship and provision of resources for grants submitted to the NIH.

Postdoctoral Fellows

- 2019 Advisor/Mentor, Monika Waszchuk PhD, SUNY Stony Brook, Intensive training provided during a week-long lab visit for statistical consultation and manuscript preparation.
- 2019 Advisor/Mentor, Katherine Jonas PhD, SUNY Stony Brook, K01 Mentor/Consultant
- 2019 – 2020 Advisor/Mentor, Emma Johnson PhD, Washington University, K01 Mentor/Consultant
- 2019 – 2020 Faculty Mentor, Stephanie Kravitz PhD, University of Utah
- 2019 – 2020 Faculty Mentor, Laurie Greishober PhD, University of Utah, KL2 Mentor/Consultant
- 2018 – 2020 Faculty Supervisor, Emily DiBlasi PhD, University of Utah
- 2017 – 2020 Faculty Supervisor, Brian Lohman PhD, University of Utah, Postdoctoral Supervisor.

2016 – 2017 Mentor, David Rosek PhD, University of Utah, Mentorship with provision of resources for preparation of a KL2 that was successfully funded.

Residents

2018 Faculty Mentor, Eric Monson MD, University of Utah, Mentorship on the use of clinical diagnostic data in analyses of genetic variation.

PhD/Doctorates

2017 – 2020 Mentor, Jess Shade MA, University of Utah. Mentorship through application to PhD program and toward the 2018 publication of a peer-reviewed, first-authored manuscript.

2017 Advisor/Mentor, Nicole Moreno BS, University of Utah. Provided supervision and statistical training during a rotation through my lab as part of the Interdisciplinary Neuroscience PhD Program.

2017 – 2018 Mentor, 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.

Undergraduates

2011 Undergraduate Honors Thesis Mentor, Stephanie Cole, University of Minnesota, B.A., *Cognitive Substrates of Emotion Recognition and Emotion Identification in Schizophrenia*

2010 Undergraduate Honors Thesis Mentor, Holly Weber, University of Minnesota, B.A., *Verbal Working Memory and Translation to Social Functioning in Schizophrenia*

Lectures (selected)

2020 *Understanding the Genetics of Suicide*, University of Utah Health Sciences

2020 *Genetics of Suicide*, Research Colloquium, University of Utah Department of Psychiatry

2017 – 2019 *Neuropsychiatric Genetics Brown Bag* (multiple topics), University of Utah

2013 *Large-Scale Analysis of The Electronic Medical Record*, Minneapolis VA

2013 *Quantitative Analysis of Traits in Multigenerational Multiplex Families*, Minneapolis VA

2012 *Predicting Delusions with Experience-Sampling Methodology*, Minneapolis VA

2012 *Reliability and Validity in Test Development*, Stephens College, Columbia, MO

2012 *Measurement of Emotional Experience in Schizophrenia*, Minneapolis VA

Additional Teaching Contributions

2020 Local host for visit and Grand Rounds presentation by Richard Zinbarg, PhD, Chair, Department of Psychology, Northwestern

2019 Local host for visit and presentation by Monika Waszschuk, PhD, Assistant Professor, Department of Psychiatry, Stony Brook University

2017 Local host for Psychiatry & Human Genetics seminar presentation by Andrey Shabalin, PhD, Assistant Professor, Department of Psychiatry, Virginia Commonwealth School of Medicine

2017 Local host for visit and Grand Rounds presentation by Kenneth Kendler, MD, Distinguished Professor, Department of Psychiatry, Virginia Commonwealth School of Medicine

Invited/Visiting Lectures (selected)

- 2021 *Statistical Genomics and Psychological Science* (Invited lecture). Department of Psychology, Northwestern University, Chicago, IL
- 2020 *What is a Polygenic Risk Score?* University of Utah School of Medicine TL1 Scholar Seminar, Salt Lake City, UT
- 2018 *Methodological Advances in Psychiatric Genomics* (Invited lecture). Department of Human Genetics, University of Utah, Salt Lake City, UT
- 2018 *Updates in Psychiatric Genomics* (Invited lecture). Annual Meeting of the Society for Research in Psychopathology, Chicago, IL
- 2017 *Updates in Clinical Psychiatric Genomics* (Invited research talk). University of Utah Department of Psychiatry Research Symposium, Park City, UT
- 2016 *Clinical Translation of the Hierarchical Taxonomy of Psychopathology (HiTOP)* (Invited lecture). University of Utah Department of Social Work, Salt Lake City, UT
- 2015 *Gene-Based and Gene-Ontology Analyses of Schizophrenia-Specific Symptom Dimensions* (Invited research talk). Virginia Commonwealth University, Richmond, VA
- 2015 *Subthreshold Symptoms as Indicators of Genetic Vulnerability to Schizophrenia* (Invited research talk). Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
- 2015 *Updates in Psychiatric Genomics* (Invited research talk). Department of Psychiatry Grand Rounds, University of Utah, Salt Lake City, UT
- 2014 *Statistical Analysis of Familial Traits* (Invited research talk). Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA
- 2014 *Gene-Ontology Analyses of Schizophrenia-Specific Symptom Dimensions* (Invited research talk). Virginia Institute for Psychiatric & Behavioral Genetics, Virginia Commonwealth University, Richmond, VA

CLINICAL PRACTICE

Evidence-Based Individual & Group Interventions

- Acceptance & Commitment Therapy (ACT)
- Behavioral Family Therapy (BFT)
- Brief Psychodynamic Therapy
- Cognitive Behavioral Social Skills Training (CBSST)
- Cognitive Behavioral Therapy (CBT)
- Cognitive Processing Therapy for PTSD (CPT)
- Emotion-Focused Relationship Therapy (EFT)
- Multi-Family Group Psychoeducation for Schizophrenia and Bipolar Disorder (McFarlane Model)
- Narrative Therapy
- Prolonged Exposure for PTSD (PE)
- Social Skills Training for Schizophrenia (SST, Granholm)
- Solution-Focused Brief Psychotherapy

Clinical Interests

Complex/differential diagnosis, anxiety, treatment-resistant depression, schizophrenia, aging, trans mental health & suicide risk, ethics

Current Practice

- 2020 - Consultant, University of Utah Trans Health Program
2016 - Outpatient Psychotherapy, University of Utah Downtown Behavioral Health.
Provision of individual, group, couples, and family therapy across modalities.
Team practice in coordination with TRMD and Downtown outpatient clinics.

Previous Practice

- 2013 - 2016 Clinical Psychologist
Department of Psychiatry, Virginia Commonwealth University
- 2012 - 2013 Clinical Psychology Residency
Minneapolis VA Health Care System
Supervisor: Wayne Siegel, PhD, LP, ABPP
Doctoral internship accreditation from by the American Psychological Association
Member of the Academy for Clinical Psychological Science (APCS)
~1800 hours of advanced evidence-based assessment and clinical intervention
- 2010 - 2012 Serious and Persistent Mental Illness (SPMI) Practicum
Minneapolis VA Health Care System
Supervisors: Bridget Hegeman, PhD, LP & Martina Rodgers, PhD, LP
~500 hours of supervised assessment and group therapy intervention
- 2009 - 2010 Assistant Directorship
Missouri Psychological Services Clinic, Columbia, MO
Supervisor: Debora Bell, PhD, ABPP
>250 hours of supervised diagnostic interview and intervention
- 2007 - 2009 Assessment & Intervention Practicum
University of Missouri-Columbia, Columbia, MO
Supervisors: Jeremy Skinner, PhD, LP, & Nan Presser, PhD, LP
Doctoral program accreditation from the American Psychological Association (APA)
& the Psychological Clinical Science Accreditation System (PCSAS)
>1000 hours of supervised diagnostic interview and intervention
- 2008 - 2009 Neuropsychological Assessment Practicum
Fulton State Forensic Hospital, Fulton, MO
Supervisors: John Kerns, PhD
200 hours of SMI diagnostic interview & neuropsychological assessment
- 2007 - 2008 Neuropsychological Research Assessment & Group Therapy Practicum
Serious and Persistent Mental Illness Unit, Minneapolis VA Health Care System
Supervisors: Scott Sponheim, PhD, LP & Tasha Nienow, PhD, LP
2000 hours of supervised diagnostic interview and neuropsychological assessment

Invited Clinical Didactics and Presentations (selected)

- Neuropsychological assessment of geriatric patients with psychosis*
Cultural competency in the assessment of mood and psychotic disorders
Treating mental health stigma

Reliability and validity in test development

Symptom profiles and treatment implications: First-onset of psychosis

Biobehavioral assessment

Assessment of post-traumatic stress disorder

Assessment of risk for psychosis

Measurement of emotional experience in schizophrenia

Clinical Teaching & Supervision

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| 2021 | Trans Health Program Clinical Education Panel Presenter, University of Utah Health Sciences |
| 2021 - | Supervisor, Clinical Practicum & Externship Clinical Psychology Doctoral Program, Department of Psychology, University of Utah |
| 2018 - | Co-facilitator/Presenter, HMHI DBH Psychiatry Case Conceptualization Series, University of Utah School of Medicine |
| 2016 | Psychiatry Grand Rounds, University of Utah School of Medicine |
| 2013 | Psychiatry Grand Rounds, Minneapolis VA Health Care System |