

ANNA R. DOCHERTY, PH.D.
Curriculum Vitae

University Neuropsychiatric Institute
University of Utah Health Sciences Center
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EDUCATION

Doctor of Philosophy 2013	University of Missouri-Columbia Clinical Psychology, APA- and PCSAS-Accredited Member of the Academy of Psychological Clinical Science
Clinical Internship 2012-13	Minneapolis Veterans Affairs Health Care System APA-Accredited Member of the Academy of Psychological Clinical Science
Bachelor of Arts 2002	Oberlin College School of Arts and Sciences

INSTITUTIONAL APPOINTMENTS

Assistant Professor 2016	Department of Psychiatry University Neuropsychiatric Institute University of Utah School of Medicine
Affiliate Assistant Professor 2016	Department of Psychiatry Virginia Institute for Psychiatric & Behavioral Genetics
Instructor Postdoctoral NIMH Fellow 2013-16	Department of Psychiatry Quantitative Genetics (NIMH T32) Virginia Institute for Psychiatric & Behavioral Genetics
Predoctoral NIMH Fellow 2010-12	Psychiatric Genetics (NIMH NRSA F31) University of Minnesota, NIMH, Harvard/McLean
Research Analyst 2002-05	Psychiatry (Schizophrenia) Yale University School of Medicine

AWARDS & HONORS

2017	Vice President's Clinical and Translational Research Scholar, University of Utah School of Medicine
2016	ACNP Travel Awardee, American College of Neuropsychopharmacology
2016	EDGE Scholar, 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
2012	Graduate Excellence Award, University of Missouri
2011	Dissertation Research Award, American Psychological Association
2009	Outstanding Thesis Award, University of Missouri College of Arts & Sciences
2009	Distinguished Thesis Award, University of Missouri
2009	Essay Award with Publication, Schizophrenia International Research Society
2008	NIMH Grant-Writing Fellowship, University of Missouri
2000-02	Student Merit Awards, Oberlin College

RESEARCH SUPPORT**Funded on first submission*

2017-18	Simons Foundation* <i>Interaction of WGS Variation and Polygenic Risk</i> PI: Anna Docherty, Ph.D., \$824,916
2017-18	Vice President's Research Seed Grant, University of Utah* <i>Polygenic Prediction of Suicide: Pilot Analysis</i> PI: Anna Docherty, Ph.D., \$17,337
2017-19	American Foundation for Suicide Prevention* <i>Proximal environmental exposures for the chronic inflammation suicide subtype</i> PI: Amanda Bakian, Ph.D., \$100,000
2017-18	Psychiatry Pilot Grant, University of Utah* <i>Polygenic Prediction of Suicide in Severe Mental Illness</i> PI: Anna Docherty, Ph.D., \$49,500
2016-20	NIMH Research Development Award (K01)* <i>Modeling the Dimensionality and Genetic Heterogeneity of Schizophrenia</i> PI: Anna Docherty, Ph.D., \$694,261
2014-16	Brain & Behavior Research Foundation (NARSAD) Young Investigator Award* <i>Polygenic Prediction of Prodromal Symptoms with Schizophrenia Risk Loci</i> PI: Anna Docherty, Ph.D., \$65,000
2012	American Psychological Foundation (APF) F.J. McGuigan Award* <i>Effort for Reward in Schizophrenia Pedigrees</i> PI: Anna Docherty, Ph.D.
2011-12	NIMH National Research Service Award (NRSA F31)* <i>Genome-Endophenotype Associations in Biological Relatives of Individuals with Schizophrenia</i> PI: Anna Docherty, Ph.D., \$65,000

PUBLICATIONS

*student

42. Krueger R. F., Kotov, R., Watson, D., Forbes, M., ...**Docherty, A. R.**, ...Zimmerman, J. (2018). Progress in achieving quantitative classification of psychopathology. In press, *World Psychiatry*.
41. **Docherty, A. R.**, Moscati, A., Dick, D., Savage, J., Salvatore, J., Cooke, M., Aliev, F., Moore, A., Edwards, A. C., Adkins, D. E., Peterson, R., Webb, B. T., Bacanu, S. A. & Kendler, K. S. (2017). Polygenic prediction of the phenome, across ancestry, in emerging adulthood. In press, *Psychological Medicine*.
40. **Docherty, A. R.** (2017). Leveraging psychiatric and medical genetics to understand co-morbid depression and obesity. *British Journal of Psychiatry*, 211(2), 61-62.
39. **Docherty, A. R.**, Edwards, A. C., Yang, F., Peterson, R. E., Sawyers, C., Adkins, D. E., Moore, A. A., Webb, B. T., Bacanu, S. A., Flint, J., & Kendler, K. S., CONVERGE Consortium. (2017). Age at onset & family history as indicators of polygenic risk for major depression. *Depression & Anxiety*, 34, 446-452.
38. Edwards, A. C.,[†] **Docherty, A. R.**,[†] Moscati, A., Bigdeli, T. B., Peterson, R., Hettema, J., Flint, J., & Kendler, K. S. (2017). Polygenic risk for severe psychopathology among Europeans is associated with major depressive disorder in a Han Chinese sample. In press, *Psychological Medicine*.
37. Moore, A. A.,* Sawyers, C.,* Adkins, D. E. & **Docherty, A. R.** (2017). Opportunities for an enhanced integration of neuroimaging and genomics in psychiatry. In press, *Brain Imaging and Behavior*.
36. Adkins, D. E., Rasmussen, K.,* **Docherty, A. R.** (2017). Social epigenetics of human behavior. In press, *Oxford Handbook of Society and Human Behavior*.
35. Wallace, G. T.* & **Docherty, A. R.** (2017). Emotion Dysregulation in Schizophrenia. Oxford Handbook of Emotion Dysregulation. Eds. Crowell, S. & Beauchaine, T. Oxford University Press.
34. Hopwood, C., Kotov, R., Watson, D., Krueger, R. F., ...**Docherty, A. R.**, Zimmerman, J. (2017). Commentary on "The challenge of transforming the diagnostic system of personality disorders". In press, *Journal of Personality Disorders*.
33. Hopwood, C., Kotov, R., Watson, D., Krueger, R. F., ...**Docherty, A. R.**, Wright, A. (2017). The time has come for dimensional personality disorder diagnosis. In press, *Personality and Mental Health*.
32. Kotov, R., Watson, D., Krueger, R. F., Chmielewski, M., Tackett, J., Wasczuk, M., **Docherty, A. R.**, Wright, A. (2017). Thought disorder spectrum of the Hierarchical Taxonomy Of Psychopathology (HiTOP): Bridging psychosis and personality pathology. In press, *Schizophrenia Bulletin*.
31. Merrill, A. M., Karcher, N. R., Cicero, D. C., Becker, T. M., **Docherty, A. R.**, & Kerns, J. G. (2017). Evidence that communication impairment in schizophrenia is associated with generalized poor task performance. *Psychiatry Research*, 249, 172-179.
30. **Docherty, A. R.**, Moscati, A., Peterson, R., Edwards, A. C., Adkins, D. E., Bacanu, S. A., Bigdeli, T. B., Webb, B. T., Flint, J., Kendler, K. S., CONVERGE Consortium. (2016). SNP-Based heritability estimates of the personality dimensions and polygenic prediction of both neuroticism and major depression: Findings from CONVERGE. *Translational Psychiatry*, 6, e296.
29. **Docherty, A. R.**, Moscati, A. A. & Fanous, A. H. (2016). Cross-disorder psychiatric genomics. In press, *Current Behavioral Neuroscience Reports*, 3, 256-263.
28. **Docherty, A. R.** (2016). Genomic approaches to phenotype prediction. *JAMA Psychiatry*, 73(5), 536.

27. Edwards, A. C., Aggen, S. H., Cai, N., Bigdeli, T. B., Peterson, R. E., **Docherty, A. R.**, Webb, B. T., Flint, J., & Kendler, K. S. (2016). Chronicity of depression and molecular markers in a large sample of Han Chinese women. *Depression & Anxiety*, 33(11), 1048-1054.
26. Edwards, A. C., Bigdeli, T. B., **Docherty, A. R.**, Bacanu, S., Lee, D., DeCandia, T., Moscati, A., Thiselton, D. M., Maher, B. S., Wormley, B. S., Walsh, D., O'Neill, F. A., Kendler, K. S., Riley, B. P. & H. Fanous, A. H. (2016). Meta-analysis of positive and negative symptoms reveals schizophrenia modifier genes. *Schizophrenia Bulletin*, 42(2), 279-287.
25. **Docherty, A. R.**, Bigdeli, T. B., Edwards, A. C., Bacanu, S., Lee, D., Neale, M. C., M., Wormley, B. S., Walsh, D., O'Neill, F. A., Riley, B. P., Kendler, K. S. & Fanous, A. H. (2015). Gene-based and gene pathway analysis of symptom dimensions of psychotic illness based on schizophrenia-specific model of the OPCRIT. *Schizophrenia Research*, 164(1-3), 181-186.
24. **Docherty, A. R.**, Sawyers, C. K., Panizzon, M., Elyer, L. T., Neale, M. C., Fennema-Notestine, C., Hagler, D., Fischl, B., Franz, C., Thompson, W. K., Tsuang, M., Dale, A., & Kremen, W. (2015). Genetic network properties of the human cortex based on regional thickness and surface area measures. *Frontiers in Human Neuroscience*, 9.
23. **Docherty, A. R.**, Sponheim, S. R., & Kerns, J. G. (2015) Self-reported affective traits and current affective experience in biological relatives of people with schizophrenia. *Schizophrenia Research*, 161(2-3), 340-344.
22. **Docherty, A. R.**, Panizzon, M., Neale, M. C., Chen, C., Fiecas, M., Elyer, L. T., Fennema-Notestine, C., Hagler, D., Fischl, B., Franz, C., Jak, A., Lyons, M. J., Rinker, D., Thompson, W. K., Tsuang, M., Dale, A., & Kremen, W. (2015). Does degree of gyrification underlie the phenotypic and genetic associations between cortical surface area and cognitive ability? *Neuroimage*, 106, 154-160.
21. **Docherty, A. R.**, Kremen, W., Panizzon, M., Franz, C., Lyons, M. J., Eaves, L., & Neale, M. C. (2015). Comparison of twin and extended pedigree designs for obtaining heritability estimates. *Behavior Genetics*, 45(4), 461-466.
20. **Docherty, A. R.** (2015). Regarding brain structural abnormalities in intellectually superior schizophrenia. *Psychiatry Research*, 233(3), 496-496.
19. Panizzon, M., Neale, M. C., **Docherty, A. R.**, Franz, C., Jacobson, K., Fiecas, M., Toomey, R., Xian, H., Vasilopoulos, T., Rana, B., McKenzie, R., Lyons, M. & Kremen, W. (2015). Genetic and environmental architecture of changes in episodic memory from middle to late middle age. In press, *Psychology and Aging*, 30(2), 286-300.
18. Cicero, D. C., **Docherty, A. R.**, Becker, T. M., Martin, E. A., & Kerns, J. K. (2015). Aberrant salience, self-concept clarity, and interview-rated psychotic-like experiences. *Journal of Personality Disorders*, 29(1), 79-99.
17. **Docherty, A. R.**, Sponheim, S. R., & Kerns, J. G. (2014). Further examination of ambivalence in relation to the schizophrenia-spectrum. *Schizophrenia Research*, 158(1-3), 261-263.
16. **Docherty, A. R.**, Cicero, D. C., Becker, T. M. & Kerns, J. G. (2014). Self-reported ambivalence in schizophrenia and associations with negative mood. *Journal of Nervous and Mental Disease*, 202(1), 70-73.
15. **Docherty, A. R.** & Sponheim, S. R. (2014). Anhedonia as an Indicator of Genetic Liability to Schizophrenia. M. Ritsner (Ed.), *Anhedonia: A Comprehensive Handbook*. Dordrecht: Springer.

14. **Docherty, A. R.**, Sponheim, S. R., & Gizer, I. A. (2014). DISC1 loci not associated with anhedonia in individuals with genetic liability for schizophrenia. *Psychiatric Genetics*, 24(3): 120-21.
13. Cicero, D. C., Becker, T. M., Martin, E. A., **Docherty, A. R.**, & Kerns, J. K. (2014). Correspondence between psychometric and clinical high risk for psychosis. *Psychological Assessment*, 26(3), 901-915.
12. January, A. M., Meyerson, D. A., Reddy, L. F., **Docherty, A. R.**, & Klonoff, E. A. (2014). Impressions of misconduct: Clinical psychology doctoral students' perceptions of faculty ethical violations. *Training and Education in Professional Psychology*, 8(4), 261-268.
11. Vrieze, S. I., **Docherty, A. R.**, Arbisi, P., Thuras, P., Abecasis, C., Erbes, C. R., Siegel, W., Iacono, W., Sponheim, S. R., & Leskela, J. (2014). The electronic medical record is an invaluable clinical tool. Let's start using it. *Psychiatric Services*, 64(10), 946-949.
10. **Docherty, A. R.**, Coleman, M. J., Deutsch, C., Tu, X., Mendell, N. R., & Levy, D. L. (2013). Comparison of putative endophenotypes in schizophrenia patients with and without obsessive-compulsive disorder: examining evidence for the schizo-obsessive subtype. *Schizophrenia Research*, 140, 83-86.
9. Eaton, N. R., Krueger, R. F., **Docherty, A. R.** & Sponheim, S. R. (2013). Toward a model-based approach to the clinical assessment of personality psychopathology. *Statistics and Measurement Special Series. Journal of Personality Assessment*, 96(3), 283-292.
8. Cicero, D. C. Becker, T. M., **Docherty, A. R.**, & Kerns, J. G. (2013). The role of aberrant salience and low self-concept clarity in psychotic-like experiences. *Personality Disorders: Theory, Research, and Treatment*, 4(1): 33-42.
7. **Docherty, A. R.**, Berenbaum, H. & Kerns, J. G. (2011). Alogia and formal thought disorder: differential patterns of verbal fluency task performance. *Journal of Psychiatric Research*, 45, 1352-1357.
6. Martin, E. A., Becker, T. M., Cicero, D. C., **Docherty, A. R.** & Kerns, J. G. (2011). Differential associations between schizotypy facets and aspects of attention to emotion. *Psychiatry Research*, 187, 94-99.
5. **Docherty, A. R.** (2010). Schizophrenia Essay Awards: A unifying hypothesis for the pathogenesis of schizotypal anhedonia. *Schizophrenia Research Forum*, www.schizophreniaforum.org/images/SRFSIRSEssaytop12.pdf. Accessed June 1, 2014.
4. **Docherty, A. R.** & Sponheim, S. R. (2008). Anhedonia as a phenotype for the Val158Met COMT polymorphism in relatives of patients with schizophrenia. *Journal of Abnormal Psychology*, 117, 788-798.
3. Kerns, J. G., **Docherty, A. R.** & Martin, E. A. (2008). Social and physical anhedonia and valence and arousal aspects of emotional experience. *Journal of Abnormal Psychology*, 117, 735-746.
2. Grijalva, F. E., Ford, J. D., **Docherty, A. R.**, Fricker-Elhai, A. E., & Elhai, J. D. (2008). Sociodemographic associations with mental health and residential care utilization among juvenile delinquents. *Psychological Services*, 5, 153-160.
1. Elhai, J. D., Gray, M. J., **Docherty, A. R.**, Kashdan, T. B., & Kose, S. (2007). Structural validity of the posttraumatic stress disorder checklist among college students with a trauma history. *Journal of Interpersonal Violence*, 22, 1471-1478.

CONFERENCE PRESENTATIONS

Docherty, A. R., 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 talk presented at the International Summit on Suicide Research.

Docherty, A. R., Cohen, A., Debbian, M., Adkins, D. E., & Chan, R. (2017). Psychiatric Genomics and Schizotypy: An Organizing Framework. Symposium talk presented at the annual meeting of the International Schizotypy Consortium, Beijing, China.

Docherty, A. R., 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 talk presented at ICOSR.

Docherty, A. R., Adkins, D. E., Fanous, A. H., Edwards, A. C., Corvin, A., Neale, M. C., Riley, B. P., Kendler, K. S. & Bacanu, S. A. (2016). Genetic subtyping of schizophrenia using molecular pathways. Award poster presented at the annual meeting of the American College of Neuropsychopharmacology.

Docherty, A. R., Adkins, D. E., Fanous, A. H., Edwards, A. C., Corvin, A., Neale, M. C., Riley, B. P., Kendler, K. S. & Bacanu, S. A. (2016). Genetic subtyping of schizophrenia using molecular pathways. Presented at ASHG.

Docherty, A. R., Moscati, A., 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. Presented at the annual meeting of the International Society for Psychiatric Genetics.

Moscati, A., **Docherty, A. R.**, 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.

Moscati, A., **Docherty, A. R.**, 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 ASHG.

Lind, M. J.*, Rappaport, L., **Docherty, A. R.**, Amstadter, A.B., & Kendler, K. S. (2016). Trauma and genetic influences on sleep disturbance in a large Han Chinese sample. Presented at the annual meeting of the American Academy of Sleep Research.

Docherty, A. R., Adkins, D. E., Edwards, A. C., Neale, M. C., Bacanu, S., & Fanous, A. H. (2015). Genetic subtyping of schizophrenia I: Application of methods to cases from the Psychiatric Genomics Consortium. Presented at the annual meeting of the International Society for Psychiatric Genetics.

Docherty, A. R., Bigdeli, T. B., Edwards, A. C., Adkins, D. E., Peterson, R., Yang, Z., Flint, J., Kendler, K. S., CONVERGE Consortium. (2015). SNP-Based Heritability Estimates of Personality Dimensions in CONVERGE and Polygenic Association with Major Depression. Presented at the annual meeting of the International Society for Psychiatric Genetics.

Docherty, A. R., Bigdeli, T. B., Edwards, A. C., Neale, M. C., Bacanu, S., Lee, D., Moscati, A., M., Maher, B. S., Wormley, B. S., Walsh, D., O'Neill, F. A., Kendler, K. S., Riley, B. P. & H. Fanous, A. H. (2015). Gene-based and gene pathway analysis of symptom dimensions of psychotic illness based on schizophrenia-specific model of the OPCRIT. Presented at the 2015 meeting of the International Congress on Schizophrenia Research.

Edwards, A. C., Aggen, S. H., Cai, N., Bigdeli, T. B., Peterson, R. E., Bacanu, S., Webb, B. T., **Docherty, A. R.**, Kendler, K. S., & Flint, J. (2015). Investigating relationships between molecular markers and clinical characteristics of major depression among Han Chinese women. Symposium presented at the annual meeting of the International Society for Psychiatric Genetics.

Panizzon, M., Neale, M. C., **Docherty, A. R.**, Franz, C., Jacobson, K., Fiecas, M., Toomey, R., Xian, H., Vasilopoulos, T., Rana, B., McKenzie, R., Lyons, M. & Kremen, W. (2015). Genetic and environmental architecture of changes in episodic memory from middle to late middle age. Symposium presented at the annual meeting of Behavior Genetics Association.

Lyons, A. (*student*), Sponheim, S. R., Kerns, J. G. & **Docherty, A. R.** (2015) Self-reported affective traits and current affective experience in biological relatives of people with schizophrenia. Presented at the 2015 meeting of the International Congress on Schizophrenia Research.

Karcher, N., Cicero, D. C., Merrill, A., **Docherty, A. R.**, & Kerns, J. K. (2015). Association Between Updating Working Memory and Communication in Schizophrenia. Presented at Annual Meeting of the Society for Research in Psychopathology.

Docherty, A. R., Bigdeli, T. B., Edwards, A. C., Neale, M. C., Bacanu, S., Lee, D., Moscati, A., M., Maher, B. S., Wormley, B. S., Walsh, D., O'Neill, F. A., Kendler, K. S., Riley, B. P. & Fanous, A. H. (2014). Genome-Wide and Gene-Based Analysis of Symptomatic-Dimensions of Psychotic Illness Based on a New Three-Factor Schizophrenia-Specific Model of the OPCRIT. Presented at the annual meeting of the International Society for Psychiatric Genetics.

Docherty, A. R., Panizzon, M., Neale, M. C., Chen, C., Fiecas, M., Elyer, L. T., Fennema-Notestine, C., Hagler, D., Fischl, B., Franz, C., Jak, A., Lyons, M. J., Rinker, D., Thompson, W. K., Tsuang, M., Dale, A., & Kremen, W. (2014). Does Degree of Gyrfication Underlie the Phenotypic and Genetic Associations between Cortical Surface Area and Cognitive Ability? Presented at the annual meeting of the Society for Neuroscience.

Docherty, A. R., Neale, M. N., Schmitt, E., Smit, D., Kremen, W., & Medland, S. (2014). Brains and Genes: Genetic Networks of the Human Cortex. Symposium presented at the annual meeting of Behavior Genetics Association.

Edwards, A. C., Bigdeli, T. B., **Docherty, A. R.**, Moscati, A., Riley, B. P., Kendler, K. S. & Ayman H. Fanous (2014). Genetic Factors Contributing to Clinical Heterogeneity in Schizophrenia. Presented at the annual meeting of the International Society for Psychiatric Genetics.

Panizzon, M., Neale, M. C., **Docherty, A. R.**, Chen, C., Fiecas, M., Elyer, L. T., Fennema-Notestine, C., Hagler, D., Fischl, B., Franz, C., Jak, A., Lyons, M. J., Rinker, D., Thompson, W. K., Tsuang, M., Dale, A., & Kremen, W. (2014). Change of Genetic Variation in Memory at Midlife. Symposium presented at the annual meeting of Behavior Genetics Association.

Edwards, A. C., Bigdeli, T. B., **Docherty, A. R.**, Moscati, A., Riley, B. P., Kendler, K. S. & Ayman H. Fanous (2014). Genetic Factors Contributing to Clinical Heterogeneity in Schizophrenia. Symposium presented at the annual meeting of the Behavior Genetics Association.

Docherty, A. R., VanMeerten, N., Weber, H., McConnell, K. M., Sponheim, S. R. & Kerns, J. G. (2013). The Tapping for Reward Task (TRT): A Self-Calibrating, Novel Reward Paradigm for Psychosis Research. Presented at the 2013 meeting of the International Congress of Schizophrenia Research.

Cicero, D. C., **Docherty, A. R.**, Becker, T. M., Martin, E. A., & Kerns, J. K. (2013). A Comparison of Clinical Risk for Psychosis and Psychometric Schizotypy. Symposium presented at Annual Meeting of the Society for Research in Psychopathology.

Cicero, D. C., **Docherty, A. R.**, Becker, T. M., Martin, E. A., & Kerns, J. K. (2013). Aberrant Salience, Self-Concept Clarity, and Interview-Rated Psychotic-Like Experiences. Presented at the 2013 meeting of the International Congress of Schizophrenia Research.

Docherty, A. R., Krueger, R. F., Eaton, N. R. & Sponheim, S. R. (2012). Schizotypy: An Exploration of Latent Structure Using Model Based Approaches. Presented at the annual meeting of the Society for Research in Psychopathology.

Docherty, A. R., Cicero, D. C., Becker, T. M., & Kerns, J. G. (2011). Ambivalence, Anhedonia, Avolition, and Attention to Emotions in Schizophrenia. Presented at the annual meeting of the Society for Research in Psychopathology.

Docherty, A. R., Coleman, M. J., Deutsch, C., Tu, X., Mendell, N. R., & Levy, D. L. (2011). Comparison of Putative Endophenotypes in Schizophrenia Patients With and Without Obsessive-Compulsive Disorder: Is there Evidence for a Schizo-obsessive Subtype? Presented at the International Congress of Schizophrenia Research and Harvard Psychiatry Day, Harvard University Medical School.

Martin, A. E., Cicero, D. C., Becker, T. M., **Docherty, A. R.** & Kerns, J. G. (2011). Social Anhedonia, but Not Positive Schizotypy, Is Associated with Poor Affective Control. Presented at the annual meeting of the Society for Research in Psychopathology.

Reddy, F., January, A., **Docherty, A. R.**, & Meyerson, D. M. (2011). Perspectives on Peers and Faculty with Problems in Professional Functioning. Symposium presented at the annual midwinter meeting of the Council of Directors of Clinical Psychology.

Docherty, A. R., Berenbaum, H. & Kerns, J. G. (2010). Alogia, Formal Thought Disorder, and Differential Patterns of Verbal Fluency Performance. Presented at the annual meeting of the Society for Research in Psychopathology.

Sponheim, S. R., Kang, S. S., **Docherty, A. R.**, Skorheim, M., & Bender, T. (2010) Default Mode Brain Activity as a Tool for Linking Specific Genes to Dimensions of Personality Pathology. Symposium presented at the annual meeting of the Society for Research in Psychopathology.

Docherty, A. R., Kerns, J. G. & Sponheim, S. R. (2009). Cognitive Correlates of Anhedonia in First-Degree Relatives of People with Schizophrenia. Presented at the 2009 meeting of the International Congress of Schizophrenia Research.

Sponheim, S. R., **Docherty, A. R.**, Krueger, R. F., Tackett, J. L. (2009). Positive and Negative Schizotypy as Indicators of Biological Vulnerability to Schizophrenia and Bipolar Disorder. Symposium presented at the annual meeting of the Society for Research in Psychopathology.

Martin, E. A., Cicero, D. C., Becker, T. M., **Docherty, A. R.** & Kerns, J. G. (2009). Associations Between Schizotypy Facets and Attention to Positive Versus Negative Emotion. Presented at the annual meeting of the Society for Research in Psychopathology.

Cicero, D. C., Becker, T. M., **Docherty, A. R.**, Martin, E. A., & Kerns, J. G. (2009). Prefrontal Cortex and Anterior Cingulate Cue-Related Activity During a Cognitive Control task. Presented at the annual meeting of the Organization for Human Brain Mapping.

Docherty, A. R. & Sponheim, S. R. (2008). Anhedonia as a Phenotype for the Val158Met COMT Polymorphism in Relatives of Patients with Schizophrenia. Presented at the annual meeting of the Society for Research in Psychopathology.

Goghari, V., Silberschmidt, A., **Docherty, A. R.**, MacDonald, A. & Sponheim, S. R. (2008). Schizotypy Indices and the Val158Met COMT Polymorphism in Relatives of Patients with Schizophrenia. Presented at the annual meeting of the Society for Research in Psychopathology.

Martin, E. A., **Docherty, A. R.** & Kerns, J. G. (2008). Social and Physical Anhedonia and Valence and Arousal Aspects of Emotional Experience. Presented at the annual meeting of the Society for Research in Psychopathology.

RESEARCH & SOFTWARE PIPELINES

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

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

Genomics: Bowtie etc., CPDB, FreeBayes, Galaxy, GATK, GCTA, KEGG, KGG, LDPred, LDSC, LocusZoom, MERLIN, METAL, Plink, Popcorn, PRSice, RNA-seq methods and analysis, SAMtools

RESEARCH WORKSHOPS

2017	RNA-seq, Cold Spring Harbor Laboratory
2016	Open Science Framework Reproducibility Project
2015	Advanced Workshop for Molecular Genetics, University of Colorado Boulder
2014	Workshop for Statistical Genetics, University of Colorado at Boulder
2013	Advanced Genetic Epidemiology, Virginia Inst. for Psychiatric & Behavioral Genetics
2012	Workshop for Statistical Genetics and Methodology of Twin & Family Studies

PROFESSIONAL AFFILIATIONS

American Association for the Advancement of Science
American Psychological Association
American Society of Human Genetics
Association for Psychological Science
Behavior Genetics Association
Hierarchical Taxonomy of Psychopathology Consortium (HiTOP)
International Society for Psychiatric Genetics
Psychiatric Genomics Consortium Anxiety Working Group
Society for Research in Psychopathology

EDITORIAL SERVICE

Associate Editor, *Frontiers in Genetics*

Ad Hoc Reviewer:

Acta Psychiatrica Scandinavica
American Journal of Medical Genetics
American Journal of Psychiatry
Biological Psychiatry

Journal of Personality Disorders
Journal of Psychiatric Research
Molecular Psychiatry
NeuroImage

British Journal of Psychiatry
Comprehensive Psychiatry
Genes, Brain, and Behavior
Human Brain Mapping
JAMA Psychiatry
Journal of Abnormal Psychology

Neuroscience and Biobehavioral Reviews
Psychiatry Research
Psychiatry: Biological and Interpersonal Processes
Schizophrenia Bulletin
Schizophrenia Research
Schizophrenia Research: Cognition

LOCAL, NATIONAL, & INTERNATIONAL SERVICE

National Institute of Mental Health

2017 Early Career Reviewer on BGES, MESH study sections

Wellcome Trust

2016 Ad Hoc Grant Proposal Reviewer (International)

American Psychological Foundation

2016 McGuigan Research Award Committee Reviewer

American Psychological Association

2015 Division 12 Symposium Reviewer

2014 Adult Psychopathology Symposium Reviewer

2012-13 Division 12 Program Reviewer, Psychopathology Section

National Council of University Directors of Clinical Psychology

2012 American Psychological Association of Graduate Students Liaison

2011 National Graduate Student Representative

International Society for Psychiatric Genetics

2017 Member, Early Career Investigator Award Committee

2016 Symposium Judge, Award Committee

2016 Poster Judge, Award Committee

International Schizotypy Consortium

2017-Present Executive Steering Committee Member

Consortium on the Hierarchical Taxonomy of Psychopathology (HiTOP)

2016-Present Contributing Member, 4 working groups

International Congress on Schizophrenia Research

2015 Symposium Reporter

University of Utah School of Medicine

2017-Present Member, Graduate Admissions Committee, Neuroscience Program

2016-Present Member, Faculty Search Committee, Psychiatry & Human Genetics

2016-Present Member, Department Advisory Committee, Psychiatry

2016 Contributing Research Faculty, Treatment Outcomes Initiative

2016 Internal Grant Reviewer, Clinical and Translational Science Program

2016-Present Member, Consortium on Families and Health Research

Virginia Commonwealth University

2015 Postdoctoral Representative, VIPBG & University Research Council

2015 Member, Postdoctoral Executive Council

2015 Award Committee Judge, Postdoctoral Research Symposium
 2014-Present Representative, Postdoctoral Advisory Committee

Veterans Affairs Health Care System, Minneapolis

2013 Administrative Reviewer, Suicide Prevention Committee
 2012-13 Co-director, Psychological Treatment Outcomes Initiative

Department of Psychological Science, University of Missouri-Columbia

2010 Representative, Scholarly Communications Committee
 2009 Representative, Clinical Training Committee
 2009 Representative, Clinic Executive Committee
 2009 Chair, Student Merit Award Committee

TEACHING

Instructor

2015 *Assessment of Psychopathology*, Virginia Commonwealth University
 2014 *Psychological Assessment*, Virginia Commonwealth University

Co-Instructor

2017 *Neuroscience & Genetics Journal Club*, University of Utah
 2015 *Kendler Lecture Series*, Virginia Commonwealth University
 2015 *Psychiatric Genetics Seminar Series*, Virginia Commonwealth University

Invited Research Lectures and Presentations:

Psychiatry Grand Rounds: Psychiatric Genomics
GREML-Based GCTA Heritability Estimates of Personality Dimensions
Gene-Based and Gene-Ontology Analyses of Schizophrenia-Specific Symptom Dimensions
Subthreshold negative symptoms as indicators of genetic vulnerability to schizophrenia
Statistical analysis of familial traits
Quantitative analysis of traits in multigenerational multiplex families
Biomarkers of genetic liability for severe psychopathology
Psychiatry Grand Rounds: Large-scale analysis of the electronic medical record
Predicting delusions with experience-sampling methodology
University of Utah Psychiatry Research Showcase: Psychiatric genomics and precision medicine

Invited Clinical Lectures and Presentations:

Neuropsychological assessment of geriatric patients with psychosis
 Cultural competency and 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
 Physiological assessment
 Assessment of post-traumatic stress disorder
 Assessment of risk for psychosis
 Case management
 Measurement of emotional experience in schizophrenia
 Case presentation of prodromal symptoms of schizophrenia

Diversity-Focused Mentorship

2011-2013 *Academic Fellowship Mentor*, League of Women Voters

Teaching Assistant (pre-2013)

Introduction to Psychology, University of Missouri
Research Methods, University of Missouri
Research Methods Capstone, University of Missouri
Introduction to Clinical Psychology, University of Missouri
Senior Honors Psychology Seminar, University of Missouri
Psychology and the Law, University of Missouri

Undergraduate Honors Thesis Advisor

Verbal Working Memory and Translation to Social Functioning in Schizophrenia. Holly Weber, B.A.
Cognitive Substrates of Emotion Recognition in Schizophrenia. Stephanie Cole, B.A.

CLINICAL PRACTICE

***Licensed Clinical Psychologist in Utah, ABPP certification pending.**

- 2016-Present Staff Clinical Psychologist (.20 FTE)
 University of Utah Behavioral Health & University Neuropsychiatric Institute
- Supervision of postdoctoral and medical residents
 - Individual and group therapy for adults with anxiety, depression, and substance use disorders
 - Analysis of measured clinical outcomes from >40 area outpatient clinics
- 2013-2016 Clinical Psychologist
 Virginia Commonwealth University
- Analysis of measured clinical outcomes
 - Clinical instruction of doctoral students and medical residents
- 2012-13 Clinical Psychology Intern
 Minneapolis VA Medical Center
 APA-Accredited, Member of the Academy for Clinical Psychological Science
 Supervisor: Wayne Siegel, Ph.D., L.P., A.B.P.P.
- Clinical supervision of one doctoral practicum student
 - Rotations: Serious and Persistent Mental Illness Assessment and Treatment, Cognitive Rehabilitation, Mood Disorders Assessment and Treatment
 - Advanced assessment of PTSD, personality disorders, and health-related psychiatric diagnoses, neuropsychological assessment of geriatric and brain injury patients
 - Advanced group therapy training (individual, family, and multi-family groups)
 - Individual and family therapy for severe neurocognitive disorders: dementia, multiple sclerosis (MS), amyotrophic lateral sclerosis (ALS), and severe traumatic brain injury, family therapy for schizophrenia and bipolar disorder
 - Additional intensive training experiences: Acceptance and Commitment Therapy (ACT), Prolonged Exposure (PE) for PTSD, Cognitive Behavioral Social Skills Training (CBSST) for Psychosis, and psychosocial rehabilitation following onset of psychosis
 - Advanced training in Mental Health Administration
- 2010-12 Clinical Practicum Trainee
 Serious and Persistent Mental Illness (SPMI) Team, Minneapolis VA
 Supervisor: Bridget Hegeman, Ph.D., LP, C.P.R.P.
- Social Skills Training for psychosis and mood disorders (group and individual treatment)
 - Advanced neuropsychological assessment
 - Advanced MMPI-2 and integrated assessment for comorbid Axis II disorders

- Multi-Family Group Therapy for schizophrenia and bipolar disorder

- 2009-10 Assistant Director
Missouri Psychological Services
Supervisor: Debora Bell, Ph.D., L.P.
- Advanced personality assessment
 - Adult intake assessments and referral
 - Assignment of intakes to predoctoral clinicians and doctoral faculty
 - Caseload of 10-15 outpatients
- 2007-10 Clinical Practicum Trainee
University of Missouri-Columbia
Supervisors: Jeremy Skinner, Ph.D., L.P., and Nan Presser, Ph.D., L.P.
- 2008-09 Clinical Research Assistant
University of Missouri & Fulton State Forensic Hospital
Supervisor: John Kerns, Ph.D.
- 2007-08 Schizophrenia Assessment and Treatment Trainee
Serious and Persistent Mental Illness Unit, VA Medical Center
Supervisors: Scott Sponheim, Ph.D., L.P. & Tasha Nienow, Ph.D., L.P.

Clinical Workshop Attendance:

- 2012 Assessment and Prolonged Exposure for Posttraumatic Stress Disorder
2012 PRIME Prodromal Assessment Training for High-Risk Adolescents
2012 Acceptance and Commitment Therapy (ACT)
2008 Family Psychoeducation for Schizophrenia and Bipolar Disorder
2008 Motivational Interviewing
2008 Advanced Structured Interviewing for Personality Disorder
2008 Wechsler Adult Intelligence Scale-IV Administration
2007 Behavioral Family Therapy for Schizophrenia and Bipolar Disorder