

FRANK R WENDT, PHD

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Assistant Professor of Anthropology, Biostatistics, and Forensic Science
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EDUCATION

- 2014-2018 **Doctor of Philosophy in Biomedical Science (Molecular Genetics)**
Graduate School of Biomedical Science, University of North Texas Health Science Center, Fort Worth, TX
- 2009-2013 **Bachelor of Science in Forensic Science (Biology/Biochemistry)**
The Pennsylvania State University, University Park, PA

RESEARCH EXPERIENCE

- July 2022-Present **Assistant Professor (Tenure Stream)**, Department of Anthropology, Forensic Science Program, University of Toronto, Toronto, ON, CA
- July 2022-Present **Non-Budgetary Cross Appointment**, Division of Biostatistics, Dalla Lana School of Public Health, University of Toronto, Toronto, ON, CA
- Sept. 2018-Present **Research Affiliate (Genetic Epidemiology)**, United States Department of Veterans Affairs Connecticut Healthcare System, West Haven, CT, USA
- June 2022-Present **Research Affiliate (Psychiatric Genetics)**, Yale University School of Medicine, Department of Psychiatry, New Haven, CT, USA
- Feb 2022-May 2022 **Associate Research Scientist (Research Faculty)**, Department of Psychiatry, Yale School of Medicine & VA CT Healthcare System, New Haven, CT, USA
- May 2020-Jan 2022 **Ruth L. Kirschstein National Research Service Award Postdoctoral Fellow** (National Institute for Mental Health), Department of Psychiatry, Yale School of Medicine, New Haven, CT, USA
- Sept. 2018-April 2020 **Postdoctoral Associate**, Department of Psychiatry, Yale School of Medicine & VA CT Healthcare System, New Haven, CT, USA
- 2014-2018 **PhD Candidate**, Department of Microbiology, Immunology, and Genetics & Center for Human Identification, UNT Health Science Center, Fort Worth, TX, USA
- 2011-2014 **Undergraduate Researcher**, Penn State Forensic Science Program, University Park, PA, USA
- 2010-2011 **Undergraduate Researcher**, Division of Mathematics and Natural Sciences, Penn State University, Altoona, PA, USA

TEACHING EXPERIENCE

- Fall 2019-June 2022 **Tool School**
Division of Human Genetics, Department of Psychiatry, Yale School of Medicine, New Haven, CT
- Spring 2018 **Personalized Medicine**
UNT System College of Pharmacy, Fort Worth, TX
- Summer 2016, 2017 **Teaching Assistant, Biostatistics**
M.S. degree program in Medical Sciences, UNT Health Science Center, Fort Worth, TX
- Spring 2014 **Teaching Assistant, Essential Practices of Forensic Science**
Penn State Forensic Science Program
- Aug. 2012-May 2014 **Teaching Assistant, A Scientific Approach to Crime Scene Investigation (lecture and lab)**
Penn State Forensic Science Program
- Summer 2014 **Course Instructor, Sexual Assault Nurse Examiner/Sexual Assault Response Team (SANE/SART) Training**
PSU Nursing Program

Aug. 2012-May 2013	Teaching Assistant, Criminalistics: Serology/Biology Penn State Forensic Science Program
Summer 2013	Course Instructor, Pennsylvania District Attorney's Office Crime Scene Investigation Training Penn State Forensic Science Program
Summer 2013	Course Instructor, Animal Death Investigation Training Penn State Animal Diagnostics Laboratory
Summer 2013	Course Instructor, International Police Education and Training Program International Association of Chiefs of Police & the Bureau of International Narcotics and Law Enforcement Affairs

PROFESSIONAL HONORS & RECOGNITIONS (award cost in USD, if applicable)

2022	Early Career Investigator Award, International Society of Psychiatric Genetics	0.53k
2022	Runner up for UK Biobank Early Career Researcher of the Year	0.625k
2021-2022	Fellow of The Franke Program in Science and the Humanities at Yale – Project title: <i>Race versus ancestry: assessing how personal identity influences gene discovery for health outcomes in US Military Veterans</i>	3.0k
2021	“Best Presentation” award from the United States Department of Veteran Affairs Million Veteran Program Science Meeting	-
2021	Travel Award from Yale Center for the Study of Race, Indigeneity, and Transnational Migration (sponsorship for 2021 ASHG Meeting)	0.25k
2021	Nominee as <i>early career ad hoc reviewer</i> to the MVP Presentation and Publication Committee	-
2020	Million Veteran Program Early Career Investigator Award	-
2020	Finalist, Tourette Association of America Young Investigator Award	-
2019	Finalist, Thrasher Research Fund Early Career Award	-
2019	Million Veteran Program Early Career Investigator Award	-
2019	Reviewers' Choice abstract at American Society of Human Genetics Scored in top 10% of nearly 3,000 submitted abstracts	-
2019	Early Career Investigator Program Award from World Congress of Psychiatric Genetics	-
2018	Texas Public Education Grant for Non-Residents	5.0k
2018	Rachel Dauphin Memorial Scholarship	0.5k
2017 & 2018	Graduate Student Association Outstanding Membership Award	0.3k
2018	Graduate Student Association Scholarship	0.5k
2017	UNTHSC Division of Human Affairs Scholarship	0.3k
2016 & 2017	UNTHSC Graduate Student Travel Award	0.5k
2017	Outstanding Graduate Student in Molecular Genetics (UNTHSC)	0.5k
2017	Nominee as Student Representative to the UNT System Board of Regents	-
2017	Nominee as Student Representative to the Texas Higher Education Coordinating Board	-

GRANT HISTORY (completed)

May 2020-Jan. 2022	NRSA Individual Postdoctoral Fellowship (PI: Wendt FR) National Institute of Mental Health F32 MH122058: <i>Decoding the sex-specific biological mechanisms of psychiatric disorders using genome-wide analyses</i> Direct costs: \$126,264 USD Sponsor team: Renato Polimanti, Joel Gelernter, Karestan Koenen, Sarah Tishkoff, Hongyu Zhao
	<ul style="list-style-type: none"> Use genome-wide methods to elucidate biological mechanisms responsible for sex-specific manifestation of psychiatric disorders and their comorbidities.

PUBLISHED ORIGINAL RESEARCH (h-index 17; i10-index 26)

- Wendt FR**, Garcia-Argibay M, Cabrera-Mendoza B, Valdimarsdóttir UA, Gelernter J, Stein MB, Nivard MG, Maihofer AX, Nievergelt C, Larsson H, Mattheisen M, Polimanti R, Meier S. The relationship of Attention-deficit/hyperactivity Disorder with Post-traumatic Stress Disorder: A Mendelian Randomization and Population-Based Sibling Comparison Study. In press *Biological Psychiatry*.

- **Wendt FR**, Pathak GA, Singh K, Stein MB, Koenen KC, Krystal JH, Gelernter J, Davis LK, Polimanti R. Sex-specific genetic and transcriptomic liability to neuroticism. medRxiv doi: <https://doi.org/10.1101/2022.03.03.22271772>. In press *Biological Psychiatry*.
- Polimanti R, **Wendt FR**, Pathak GA, Tylee DS, Tcheandjieu C, Hilliard AT, Levey DF, Adhikari K, Gaziano JM, O'Donnell CJ, Assimes TL, Stein MB, Gelernter J. Understanding the comorbidity between posttraumatic stress severity and coronary artery disease using genome-wide information and electronic health records. *Mol Psychiatry*. 2022 Aug 19. doi: 10.1038/s41380-022-01735-z. Epub ahead of print. PMID: 35986173.
- Hatoum AS, Colbert SMC, Johnson EC, Huggett SB, Deak JD, Pathak GA, Jennings MV, Paul SE, Karcher NR, Hansen I, Baranger DAA, Edwards A, Grotzinger A, **Substance Use Disorder Working Group of the Psychiatric Genomics Consortium***, Tucker-Drob EM, Kranzler HR, Davis LK, Sanchez-Roige S, Polimanti R, Gelernter J, Edenberg HJ, Bogdan R, Agrawal A. In Press, *Nature Neuroscience*.
 - **Wendt, FR** is an analyst of the PGC SUD Working Group with consortium by-line authorship
- Deak JD, Zhou H, Galimberti M, Levey DF, **Wendt FR**, Sanchez-Roige S, Hatoum AS, Johnson EC, Nunez YZ, Demontis D, Børglum AD, Rajagopal VM, Jennings MV, Kember RL, Justice AC, Edenberg HJ, Agrawal A, Polimanti R, Kranzler HR, Gelernter J. Genome-wide association study in individuals of European and African ancestry and multi-trait analysis of opioid use disorder identifies 19 independent genome-wide significant risk loci. *Mol Psychiatry*. 2022 Jul 25. doi: 10.1038/s41380-022-01709-1. Epub ahead of print. PMID: 35879402.
- Cabrera-Mendoza C, **Wendt FR**, Pathak GA, De Angelis F, De Lillo A, Koller D, Polimanti R. The association of obesity-related traits on COVID-19 severity and hospitalization is affected by socioeconomic status: a multivariable Mendelian randomization study. *Int J Epidemiol*. 2022 Jun 25:dyac129. doi: 10.1093/ije/dyac129. Epub ahead of print. PMID: 35751636.
- Tuteja S, Yu Z, Wilson O, Chen HC, **Wendt FR**, Chung CP, Shah SC, Hunt CM, Suzuki A, Chanfreau C, Gorman BR, Joseph J, Luoh SW, Napolioni V, Robinson-Cohen C, Tao R, Zhou J, Chang KM, Hung AM; VA Million Veteran Program COVID-19 Science Initiative. Pharmacogenetic variants and risk of remdesivir-associated liver enzyme elevations in Million Veteran Program participants hospitalized with COVID-19. *Clin Transl Sci*. 2022 Jun 9. doi: 10.1111/cts.13313. Epub ahead of print. PMID: 35684976.
- Tylee DS, Lee YK, **Wendt FR**, Pathak GA, Levey DF, De Angelis F, Gelernter J, Polimanti R. An Atlas of Genetic Correlations and Genetically Informed Associations Linking Psychiatric and Immune-Related Phenotypes. *JAMA Psychiatry*. 2022 May 4:e220914. doi: 10.1001/jamapsychiatry.2022.0914. Epub ahead of print. PMID: 35507366; PMCID: PMC9069342.
- Novroski NMM, Moo-Choy A, **Wendt FR**. Allele frequencies and minor contributor match statistic convergence using simulated population replicates. *Int J Legal Med*. 2022 Apr 9. doi: 10.1007/s00414-022-02822-0. Epub ahead of print. PMID: 35396663.
- **Wendt FR**, Warriar V, Pathak GA, Koenen KC, Stein MB, Krystal JH, Pietrzak R, Gelernter R, Goldfarb EV, Baron-Cohen S, Polimanti R. Polygenic scores for empathy associate with posttraumatic stress severity in response to certain traumatic events. *Neurobiol Stress*. 2022 Feb 21;17:100439. doi: 10.1016/j.ynstr.2022.100439. PMID: 35242894; PMCID: PMC8881478.
- **Wendt FR**, Pathak GA, Deak JD, De Angelis F, Koller D, Cabrera-Mendoza B, Lebovitch DS, Levey DF, Stein MB, Kranzler HR, Koenen KC, Gelernter J, Huckins LM, Polimanti R. Using phenotype risk scores to enhance gene discovery for generalized anxiety disorder and posttraumatic stress disorder. *Mol Psychiatry*. 2022 Feb 18. doi: 10.1038/s41380-022-01469-y. Online ahead of print. PMID: 35181757.
- Pathak GA, Singh K, **Wendt FR**, Flemming TW, Overstreet C, Koller D, De Angelis F, Cabrera-Mendoza B, Levey DF, Koenen K, Krystal JH, Pietrzak R, O'Donnell C, Gaziano JM, Falcone G, Stein MB, Gelernter J, Pasaniuc B, Mancuso N, Davis LK, Polimanti R. Genetically regulated multi-omics study for symptom clusters of posttraumatic stress disorder highlights pleiotropy with hematologic and cardio-metabolic traits. *Mol Psychiatry* (2022). <https://doi.org/10.1038/s41380-022-01488-9>.
- Peloso GM, Tcheandjieu C, Wu, WC, Posner DC, Zhou JJ, MVP COVID-19 GWAS Working Group, Joseph J, Efirid JT, Crawford D, Sun YV, McGeary JE, Arjomandi M, Assimes TL, Huffman JE, VA Million Veteran Program COVID-19 Science Initiative. Genetic Loci Associated With COVID-19 Positivity and Hospitalization in White, Black, and Hispanic Veterans of the VA Million Veteran Program. *Front. Genet.*, 2022 Feb 3;12:777076. doi: 10.3389/fgene.2021.777076. PMID: 35222515; PMCID: PMC8864634.
 - **Wendt FR** is an analyst in the MVP COVID-19 GWAS Working Group with consortium by-line authorship

- Hung AM, Shah SC, Bick AG, Yu Z, Chen HC, Hunt CM, **Wendt FR**, Wilson O, Greevy RA, Chung CP, Suzuki A, Ho YL, Akwo E, Polimanti R, Zhou J, Reaven P, Tsao PS, Gaziano JM, Huffman JE, Joseph J, Luoh SW, Iyengar S, Chang KM, Casas JP, Matheny ME, O'Donnell CJ, Cho K, Tao R, Susztak K, Robinson-Cohen C, Tuteja S, Siew ED; VA Million Veteran Program COVID-19 Science Initiative. APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants with African Ancestry Hospitalized With COVID-19 From the Million Veteran Program. *JAMA Intern Med.* 2022 Jan 28. doi: 10.1001/jamainternmed.2021.8538. Epub ahead of print. PMID: 35089317.
- Pathak GA, De Lillo A, **Wendt FR**, De Angelis F, Koller D, Cabrera Mendoza B, Jacoby D, Miller EJ, Buxbaum JN, Polimanti R. The integration of genetically-regulated transcriptomics and electronic health records highlights a pattern of medical outcomes related to increased hepatic *transthyretin* expression. *Amyloid.* 2021 Dec 22:1-10. doi: 10.1080/13506129.2021.2018678. Epub ahead of print. PMID: 34935565.
- **Wendt FR**, De Lillo A, Pathak GA, De Angelis F; COVID-19 Host Genetics Initiative, Polimanti R. Host Genetic Liability for Severe COVID-19 Associates with Alcohol Drinking Behavior and Diabetic Outcomes in Participants of European Descent. *Front Genet.* 2021 Dec 13;12:765247. doi: 10.3389/fgene.2021.765247. PMID: 34966408; PMCID: PMC8711039.
- Hatoum AS, **Wendt FR**, Galimberti M, Polimanti R, Neale B, Kranzler HR, Gelernter J, Edenberg HJ, Agrawal A. Ancestry may confound genetic machine learning: Candidate-gene prediction of opioid use disorder as an example. *Drug Alcohol Depend.* 2021 Dec 1;229(Pt B):109115. doi: 10.1016/j.drugalcdep.2021.109115. Epub 2021 Oct 9. PMID: 34710714.
- De Angelis F, **Wendt FR**, Pathak GA, Tylee DS, Goswami A, Gelernter J, Polimanti R. Drinking and smoking polygenic risk is associated with childhood and early-adulthood psychiatric and behavioral traits independently of substance use and psychiatric genetic risk. *Transl Psychiatry.* 2021 Nov 13;11(1):586. doi: 10.1038/s41398-021-01713-z. PMID: 34775470.
- Tamman AJF, **Wendt FR**, Pathak GA, Krystal JH, Montalvo-Ortiz JL, Southwick SM, Sippel LM, Gelernter J, Polimanti R, Pietrzak RH. Attachment Style Moderates Polygenic Risk for Incident Posttraumatic Stress in U.S. Military Veterans: A 7-Year, Nationally Representative, Prospective Cohort Study. *Biol Psychiatry.* 2022 Apr 1;91(7):637-646. doi: 10.1016/j.biopsych.2021.09.025. Epub 2021 Oct 6. PMID: 34955171.
- Na PJ, De Angelis F, Nichter B, **Wendt FR**, Krystal JH, Southwick SM, Levey DF, Gelernter J, Polimanti R, Pietrzak RH. Psychosocial moderators of polygenic risk for suicidal ideation: Results from a 7-year population-based, prospective cohort study of U.S. veterans. *Mol Psychiatry.* 2021 Nov 2. doi: 10.1038/s41380-021-01352-2. Epub ahead of print. PMID: 34725455.
- Carvalho CM, **Wendt FR**, Pathak GA, Maihofer AX, Stein DJ, Sumner JA, Hemmings SMJ, Nievergelt CM, Koenen Muniz Carvalho C, Wendt FR, Pathak GA, Maihofer AX, Stein DJ, Sumner JA, Hemmings SMJ, Nievergelt CM, Koenen KC, Gelernter J, Belangero SI, Polimanti R. Disentangling sex differences in the shared genetic architecture of posttraumatic stress disorder, traumatic experiences, and social support with body size and composition. *Neurobiol Stress.* 2021 Sep 17;15:100400. doi: 10.1016/j.ynstr.2021.100400. PMID: 34611531; PMCID: PMC8477211.
- Patterson C, Gray S, **Wendt FR**, Roy R. Inhibition of DNA amplification caused by metal in extracted bloodstains and in direct amplification. *Forensic Sci Int Genet.* 2021 Nov;55:102598. doi: 10.1016/j.fsigen.2021.102598. Epub 2021 Sep 25. PMID: 34619439.
- Pathak GA, **Wendt FR**, Goswami A, De Angelis F, COVID-19 Host Genetics Initiative, Polimanti R. ACE2 Netlas: In-silico functional characterization and drug-gene interactions of ACE2 gene network to understand its potential involvement in COVID-19 susceptibility. *Front Genet.* 2021 Aug 27;12:698033. doi: 10.3389/fgene.2021.698033. PMID: 34512723; PMCID: PMC8429844.
- Pathak GA, Singh K, Miller-Fleming TW, **Wendt FR**, Ehsan N, Hou K, Johnson R, Lu Z, Gopalan S, Yengo L, Mohammadi P, Pasaniuc B, Polimanti R, Davis LK, Mancuso N. Integrative genomic analyses identify susceptibility genes underlying COVID-19 hospitalization. *Nat Comm.* 2021 Jul 27;12(1):4569. doi: 10.1038/s41467-021-24824-z. PMID: 34315903.
- Johnson EC, Kapoor M, Hatoum AS, Zhou H, Polimanti R, **Wendt FR**, Walters RK, Lai D, Kember RL, Hartz S, Meyers JL, Peterson RE, Ripke S, Bigdeli TB, Fanous AH, Pato CN, Pato MT, Goate AM, Kranzler HR, O'Donovan MC, Walters JTR, Gelernter J, Edenberg HJ, Agrawal A. Investigation of convergent and divergent genetic influences underlying schizophrenia and alcohol use disorder. *Psychol Med.* 2021 Jul 7:1-9. doi: 10.1017/S003329172100266X. Epub ahead of print. PMID: 34231451.

- COVID-19 Host Genetics Initiative. Mapping the human genetic architecture of COVID-19. *Nature*. 2021 Jul 8. doi: 10.1038/s41586-021-03767-x. Epub ahead of print. PMID: 34237774.
 - **Wendt FR** contributed to Writing and Analysis section teams (Phenome-wide association study)
- Bountress KE*, **Wendt FR***, Bustamante D, Agrawal A, Webb B, Gillespie N, Edenberg H, Sheerin C, Johnson E; Psychiatric Genomics Consortium Posttraumatic Stress Disorder Working Group, Polimanti R#, Amstadter A#. Potential causal effect of posttraumatic stress disorder (PTSD) on alcohol use disorder and alcohol consumption in individuals of European descent: A Mendelian Randomization Study. *Alcohol Clin Exp Res*. 2021 Jun 12. doi: 10.1111/acer.14649. Epub ahead of print. PMID: 34120358. * = equal contribution; # = equal contribution.
- Tiedge TM, Nagachar N, **Wendt FR**, Lakhtakia A, Roy R. High-throughput DNA sequencing of environmentally insulted latent fingerprints after visualization with nanoscale columnar-thin-film technique. *Sci Justice*. 2021 Sep;61(5):505-515. doi: 10.1016/j.scijus.2021.06.002. Epub 2021 Jun 7. PMID: 34482930.
- Levey DF, Stein MB, **Wendt FR**, Pathak GA, Zhou H, Aslan M, Quaden R, Harrington KM, Nuñez YZ, Overstreet C, Radhakrishnan K, Sanacora G, McIntosh AM, Shi J, Shringarpure SS; 23andMe Research Team; Million Veteran Program, Concato J, Polimanti R, Gelernter J. Bi-ancestral depression GWAS in the Million Veteran Program and meta-analysis in >1.2 million individuals highlight new therapeutic directions. *Nat Neurosci*. 2021 May 27. doi: 10.1038/s41593-021-00860-2. Epub ahead of print. PMID: 34045744.
- De Lillo A, D'Antona S, Pathak GA, **Wendt FR**, De Angelis F, Fuciarelli M, Polimanti R. Cross-ancestry genome-wide association studies identified heterogeneous loci associated with differences of allele frequency and regulome tagging between participants of European descent and other ancestry groups from the UK Biobank. *Hum Mol Genet*. 2021 Apr 22;ddab114. doi: 10.1093/hmg/ddab114. Epub ahead of print. PMID: 33890984.
- **Wendt FR**, Koller D, Pathak GA, Jacoby D, Miller EJ, Polimanti R. Biobank scale pharmacogenomics informs the genetic underpinnings of simvastatin use. *Clin Pharmacol Ther*. 2021 Apr 10. doi: 10.1002/cpt.2260. Epub ahead of print. PMID: 33837531.
- Pathak GA, **Wendt FR**, Levey DF, Mecca AP, van Dyck CH, Gelernter J, Polimanti R. Pleiotropic effects of telomere length loci with brain morphology, and brain tissue expression. *Hum Mol Genet*. 2021 Apr 7;ddab102. doi: 10.1093/hmg/ddab102. Epub ahead of print. PMID: 33831179.
- Asch RH, Esterlis I, **Wendt FR**, Kachadourian L, Southwick SM, Gelernter J, Polimanti R, Pietrzak RH. Polygenic Risk for Traumatic Loss-related PTSD in U.S. Military Veterans: Protective Effect of Secure Attachment Style. *World J Biol Psychiatry*. 2021 Apr 6;1-24. doi: 10.1080/15622975.2021.1907721. Epub ahead of print. PMID: 33821766.
- **Wendt FR**, Pathak GA, Levey DF, Nuñez YZ, Overstreet C, Tyrrell C, Adhikari K, De Angelis F, Tylee DS, Goswami A, Krystal JH, Abdallah CG, Stein MB, Kranzler HR, Gelernter J, Polimanti R. Sex-stratified gene-by-environment genome-wide interaction study of trauma, posttraumatic-stress, and suicidality. *Neurobiol Stress*. 2021 Feb 18;14:100309. doi: 10.1016/j.ynstr.2021.100309. PMID: 33665242; PMCID: PMC7905234.
- Polimanti R, Levey DF, Pathak GA, **Wendt FR**, Nunez YZ, Ursano RJ, Kessler RC, Kranzler HR, Stein MB, Gelernter J. Multi-environment gene interactions linked to the interplay between polysubstance dependence and suicidality. *Transl Psychiatry*. 2021 Jan 11;11(1):34. doi: 10.1038/s41398-020-01153-1. PMID: 33431810.
- Stein MB, Levey DF, Cheng Z, **Wendt FR**, Harrington K, Pathak GA, Cho K, Quaden R, Radhakrishnan K, Girgenti MJ, Ho YA, Posner D, Aslan M, Duman RS, Zhao H; Department of Veterans Affairs Cooperative Studies Program (no. 575B); VA Million Veteran Program, Polimanti R, Concato J, Gelernter J. Genome-wide association analyses of post-traumatic stress disorder and its symptom subdomains in the Million Veteran Program. *Nat Genet*. 2021 Jan 28. doi: 10.1038/s41588-020-00767-x. Epub ahead of print. PMID: 33510476.
- Pathak GA, **Wendt FR**, De Lillo A, Nunez YZ, Goswami A, De Angelis F, Fuciarelli M, Kranzler HR, Gelernter J, Polimanti R. Epigenomic Profiles of African American *Transthyretin* Val122Ile Carriers Reveals Putatively Dysregulated Amyloid Mechanisms. *Circ Genom Precis Med*. 2021 Jan 11. doi: 10.1161/CIRCGEN.120.003011. Epub ahead of print. PMID: 33428857.
- Guevara EK, Palo JU, Översti S, King JL, Seidel M, Stoljarova M, **Wendt FR**, Bus MM, Guengerich A, Church WB, Guillén S, Roewer L, Budowle B, Sajantila A. Genetic assessment reveals no population substructure and divergent regional and sex-specific histories in the Chachapoyas from northeast Peru. *PLoS One*. 2020 Dec 31;15(12):e0244497. doi: 10.1371/journal.pone.0244497. PMID: 33382772.
- **Wendt FR**, Pathak GA, Overstreet C, Tylee DS, Gelernter J, Atkinson EG, Polimanti R. Characterizing the effect of background selection on the polygenicity of brain-related traits. *Genomics*. 2020 Dec 2;113(1 Pt 1):111-119. doi: 10.1016/j.ygeno.2020.11.032. Epub ahead of print. PMID: 33278486.

- **Wendt FR**, Pathak GA, Lencz T, Krystal JH, Gelernter J, Polimanti R. Multivariate genome-wide analysis of education, socioeconomic status and brain phenome. *Nat Hum Behav.* 2020 Dec 21. doi: 10.1038/s41562-020-00980-y. Epub ahead of print. PMID: 33349686.
- Tamman AJF, **Wendt FR**, Pathak GA, Krystal JH, Montalvo-Ortiz JL, Southwick SM, Sippel LM, Gelernter J, Polimanti R, Pietrzak RH. Attachment Style Moderates Polygenic Risk for Posttraumatic Stress in United States Military Veterans: Results From the National Health and Resilience in Veterans Study. *Biol Psychiatry.* 2020 Sep 30:S0006-3223(20)31947-8. doi: 10.1016/j.biopsych.2020.09.018. Epub ahead of print. PMID: 33276944.
- 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.* 2020 Dec;7(12):1032-1045. doi: 10.1016/S2215-0366(20)30339-4. Epub 2020 Oct 20. PMID: 33096046; PMCID: PMC7674631.
- Pathak GA, Polimanti R, Silzer TK, **Wendt FR**, Chakraborty R, Phillips NR. Genetically-regulated transcriptomics & copy number variation of proctitis points to altered mitochondrial and DNA repair mechanisms in individuals of European ancestry. *BMC Cancer.* 2020 Oct 2;20(1):954. doi: 10.1186/s12885-020-07457-1. PMID: 33008348; PMCID: PMC7530964.
- **Wendt FR**, Carvalho CM, Pathak GA, Gelernter J, Polimanti R. Polygenic risk for autism spectrum disorder associates with anger recognition in a neurodevelopment-focused phenome-wide scan of unaffected youths from a population-based cohort. *PLoS Genet.* 2020 Sep 17;16(9):e1009036. doi: 10.1371/journal.pgen.1009036. PMID: 32941431; PMCID: PMC7523983.
- Carvalho CM, **Wendt FR**, Maihofer AX, Stein DJ, Stein MB, Sumner JA, Hemmings SMJ, Nievergelt CM, Koenen KC, Gelernter J, Belanger SI, Polimanti R. Dissecting the genetic association of C-reactive protein with PTSD, traumatic events, and social support. *Neuropsychopharmacology.* 2020 Mar 16; doi: 10.1038/s41386-020-0655-6. PubMed PMID: 32179874.
- Carvalho CM, **Wendt FR**, Stein DJ, Stein MB, Gelernter J, Belanger SI, Polimanti R. Investigating Causality Between Blood Metabolites and Emotional and Behavioral Responses to Traumatic Stress: a Mendelian Randomization Study. *Mol Neurobiol.* 2019 Nov 30; doi: 10.1007/s12035-019-01823-2. PMID: 31786776.
- **Wendt FR**, Carvalho CM, Pathak GA, Gelernter J, Polimanti R. Deciphering the Biological Mechanisms Underlying the Genome-Wide Associations between Computerized Device Use and Psychiatric Disorders. *J Clin Med.* 2019 Nov 21;8(12). doi: 10.3390/jcm8122040. PMID: 31766499.
- **Wendt FR**, Novroski NM. Identity informative SNP associations in the UK Biobank. *Forensic Sci Int Genet.* 2019 Sep;42:45-48. doi: 10.1016/j.fsigen.2019.06.007. Epub 2019 Jun 14. PMID: 31226582.
- Sherier AJ, Kieser RE, Novroski NMM, **Wendt FR**, King JL, Woerner AE, Ambers A, Garofano P, Budowle B. Copan microFLOQ® Direct Swab collection of bloodstains, saliva, and semen on cotton cloth. *Int J Legal Med.* 2019 Jun 4; doi: 10.1007/s00414-019-02081-6. PMID: 31165261.
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- **Wendt FR**, Novroski NMM, Rahikainen AL, Sajantila A, Budowle B. Supervised Classification of *CYP2D6* Genotype and Metabolizer Phenotype With Postmortem Tramadol-Exposed Finns. *Am J Forensic Med Pathol*. 2018 Nov 29. doi: 10.1097/PAF.0000000000000447. PMID: 30507617.
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- **Wendt FR**, Churchill JD, Novroski NMM, King JL, Ng J, Oldt RF, McCulloh KL, Weise JA, Smith DG, Kanthaswamy S, Budowle B. Genetic analysis of the Yavapai Native Americans from West-Central Arizona using the Illumina MiSeq FGx™ Forensic Genomics System. *Forensic Science International: Genetics*. 2016 Sep;24:18-23. doi: 10.1016/j.fsigen.2016.05.008. Epub 2016 May 17. PMID: 27243782.

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BOOK CHAPTERS AND REVIEWS

- Polimanti R, **Wendt FR**. Posttraumatic stress disorder: from gene discovery to disease biology. *Psychol Med*. 2021 Oct;51(13):2178-2188. doi: 10.1017/S0033291721000210. Epub 2021 Feb 15. PMID: 33583458; PMCID: PMC8364573.
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- **Wendt FR**, Pathak GA, Tylee DS, Goswami A, Polimanti R. Heterogeneity and Polygenicity in Psychiatric Disorders: A Genome-Wide Perspective. *Chronic Stress (Thousand Oaks)*. 2020 May 18;4:2470547020924844. doi: 10.1177/2470547020924844. PMID: 32518889; PMCID: PMC7254587.
- **Wendt FR**, Budowle B. Pharmacogenetics and the postmortem molecular autopsy. *WIREs Forensic Sci*. 2019;e1361. <https://doi.org/10.1002/wfs2.1361>.
- Budowle B, Schmedes SE, **Wendt FR**. Increasing the reach of forensic genetics with massively parallel sequencing. *Forensic Sci Med Pathol*. 2017 Sep;13(3):342-349. doi: 10.1007/s12024-017-9882-5. Epub 2017 Jun 19. PMID: 28631109.
- **Wendt FR** (2020). 'Bioinformatic tools for interrogating DNA recovered from human skeletal remains' in Ambers A.D. (ed.) *Forensic Genetics Approaches for the Identification of Human Skeletal Remains*. Elsevier Science. Publication date: 15JUL2022. ISBN-13: 9780128157664.

MANUSCRIPTS IN REVIEW (PREPRINT AVAILABLE)

- **Wendt FR**, Pathak GA, Polimanti R. Phenome-wide association study of loci harboring *de novo* tandem repeat mutations in UK Biobank exomes. medRxiv doi: <https://doi.org/10.1101/2022.01.26.22269821>.
- Levey DF, Galimberti M, Deak JD, **Wendt FR**, Bhattacharya A, Koller D, Harrington K, Quaden R, Johnson EC, Biradar M, Lam M, Cooke M, Rajagopal VM, Empke SLL, Zhou H, Nunez YZ, Kranzler HR, Edenberg H, Agrawal A, Smoller D, Lencz T, Børglum A, Demontis D, VA Million Veteran Program, Gaziano JM, Gandal MJ, Polimanti R, Stein MB, Gelernter J. Multi-ancestry genome-wide association study of cannabis use disorder yields insight into disease biology and public health implications. medRxiv preprint not yet available.
- Deak JD, Levey DF, **Wendt FR**, Zhou H, Galimberti M, Kranzler HR, Gaziano JM, Stein MB, Polimanti R. The Million Veteran Program, Gelernter J. Genome-wide investigation of maximum habitual alcohol intake (MaxAlc) in 247,755 European and African Ancestry U.S. Veterans informs the relationship between habitual alcohol consumption levels and alcohol use disorder. medRxiv 2022.05.02.22274580.
- De Angelis F, Zeleznik OA, **Wendt FR**, Pathak GA, Tylee DS, De Lillo A, Koller D, Cabrera-Mendoza B, Clifford RE, Maihofer AX, Nievergelt CM, Curhan GC, Curhan SC, Polimanti R. Sex-differences, cross-ancestry generalizability, and noise-smoking interactions in the polygenic architecture of hearing loss in adults. medRxiv doi: <https://doi.org/10.1101/2022.01.26.22269898>.
- **Wendt FR**, Pathak GA, Vahey J, Qin X, Koller D, Cabrera-Mendoza B, Harrington K, Haeny A, Nallakkandi R, Duong LM, Levey DF, De Angelis F, De Lillo A, Bigdeli T, Pyarajan S, VA Million Veteran Program, Gaziano JM, Gelernter J, Aslan M, Provenzale D, Helmer D, Hauser E, Polimanti R, on behalf of Department of Veteran Affairs Cooperative Study Program (#2006). Modeling the longitudinal changes of ancestry diversity in the Million Veteran Program. bioRxiv doi: <https://doi.org/10.1101/2022.01.24.477583>.
- Koller D, **Wendt FR**, Pathak GA, De Lillo A, De Angelis F, Cabrera-Mendoza B, Tucci S, Polimanti R. The impact of evolutionary processes in shaping the genetics of complex traits in East Asia and Europe: a specific contribution from Denisovan and Neanderthal introgression. bioRxiv doi: <https://doi.org/10.1101/2021.08.12.456138>.

MANUSCRIPTS IN REVIEW (PREPRINT NOT AVAILABLE)

- Colbert SMC, **Wendt FR**, Pathak GA, Helmer DA, Hauser ER, Keller MC, Polimanti R, Johnson EC. Declining autozygosity over time: an exploration in over 1 million individuals from three large and diverse cohorts.
- Novroski NMM, Balasuriya A, **Wendt FR**. Putative forensic STR genotypes predicted from identity-informative SNPs across three ancestry groups.
- Quintero Reis A, Newton B, Kessler R, Polimanti R, **Wendt FR**. Functional and molecular genomic characterization of suicidality GWAS using phenotypic and genomic factors.

MANUSCRIPTS IN PREPARATION

- Koller D, Pathak GA, **Wendt FR**, Tylee DS, Levey DF, Overstreet C, Gelernter J, Taylor HS, Polimanti R. Epidemiologic and genetic associations of endometriosis with depression, anxiety, and eating disorders highlight pleiotropic pathways.
- Burton M, **Wendt FR**, Roy R. Evaluation of the Investigator 24plex GO! Using Crime Scene Substrates.
- Rivera K & **Wendt FR**. Technical note on the application of K-means clustering to immunochromatographic saliva test strips: a parameter optimization pilot study.

PRESENTATIONS (*delivered via zoom due to COVID-19 pandemic)

INVITED LECTURES

- | | |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2022 | <i>The Academic path and funding opportunities in the US and Canada</i> , Marie Skłodowska-Curie Actions (MSCA)* |
| 2022 | <i>SNP-tandem repeat relationships inform health and disease phenotypes with legal implications</i> , Penn State Department of Biochemistry and Molecular Biology |
| 2021 | <i>Modeling the longitudinal changes of ancestry diversity in the MVP cohort: systematic comparison of methods</i> , Boston University Biostatistics Department |
| 2021 | <i>Machine learning survey non-responders increases sample size for gene discovery of heterogeneous traits</i> (co-presented with Jackie Vahey from Duke University), Meeting of the MVP Cooperative Studies Program 2006: Genomics of Gulf War Veterans Illness |
| 2021 | <i>Leveraging bioinformatic resources to better tackle challenging biological substrates and DNA profiles</i> , LabRoots Forensic Science Seminar* |
| 2020 | <i>The interactive effect of traumatic experiences and posttraumatic stress uncovers novel sex-specific risk loci for suicidality</i> , United States Department of Veteran Affairs National Center for Posttraumatic Stress Disorder Research Seminar Series* |
| 2020 | <i>Gene-by-environment: methods and application to large-scale genetic data</i> , United States Department of Veteran Affairs Million Veteran Program Gene-by-Environment Work Group* |
| 2020 | <i>Complex traits require complex sample sizes: how biobanks, consortia, and citizen science inform the genetic architecture of psychiatric disorders</i> , Penn State Biochemistry and Molecular Biology Departmental Seminar Series, State College, PA, USA* |
| 2019 | <i>The role of early career trainees in large collaborative groups studying complex diseases</i> , UNTHSC Career Development Seminar Series, Fort Worth, TX, USA |
| 2018 | <i>Pharmacogenetics of Select Genes in the Opiate Metabolism and Response Pathways</i> , UNT System College of Pharmacy, Fort Worth, TX, USA |
| 2018 | <i>Personalized medicine and molecular autopsy: distinctions, research, and applications</i> , PSU Forensic Science Program, University Park, PA, USA |
| 2018 | <i>Supervised classification of CYP2D6 metabolizer phenotype with tramadol-exposed Finns</i> , UNTHSC School of Public Health, Fort Worth, TX, USA |
| 2016 | <i>An overview of the pharmacogenetics of opiate metabolism</i> , UNT Dallas 1 st Annual Biology Symposium, Dallas, TX, USA |
| 2016 | <i>Careers in biomedical science</i> <ul style="list-style-type: none"> • Texas Academy of Biomedical Science Lecture Series, Fort Worth, TX, USA • Tarrant County Community College Biomedical Science Lecture Series, Fort Worth, TX, USA |

- 2015 *The Nittany Lion and the lord of the shrine*, PSU Forensic Science Club Symposium, University Park, PA, USA
- 2015 *Massively parallel sequencing: basics and forensic applications*, Promega Corporation Technology Tour, Portsmouth, NH, USA
- 2015 *The power of Y-STR typing*, Promega Corporation Technology Tour, Portsmouth, NH, USA

PEER REVIEWED PLATFORM PRESENTATIONS

- 2022 *Applying complex trait and statistical genetics concepts to forensically relevant phenotypes*. Northeast Academy of Forensic Science
- 2022 *Empathy polygenic scores associate with posttraumatic stress severity in response to early-life adversity*, World Congress of Psychiatric Genetics
- 2021 *Comorbid-phenome prediction and phenotype risk scores increase data availability for anxiety and PTSD gene discovery*, World Congress of Psychiatric Genetics*
- 2021 *Modeling the longitudinal changes of ancestry diversity in the MVP cohort: systematic comparison of methods*, MVP Science Meeting*
- 2021 *Comorbid-phenome prediction and phenotype risk scores increase data availability for anxiety and PTSD gene discovery*, Yale Postdoc Symposium*
- 2020 *Natural selection influenced the genetic architecture of brain structure, behavioral and neuropsychiatric traits*, Yale Postdoc Symposium*
- 2020 *Trauma and posttraumatic stress interact with sex-specific risk loci for suicidality and converge on brain extracellular matrix biology and synaptic plasticity*
World Congress of Psychiatric Genetics* Workshop titled *Understanding the Biology of Posttraumatic Stress Disorder: Genome-Wide Association Studies, Multivariate Gene-Environment Interactions, and Translational Research*
- 2020 *Education and socioeconomic status mask the identification of brain cell types in GWAS of mental health and disease*, Society for Biological Psychiatry*
- 2020 *Correlative And Causal Relationships Between Complex Traits And Brain Volumes Are Masked By Education And Socioeconomic Status*, Human Genome Organization (HUGO) Meeting*
- 2020 *The effects of the genetic liability to autism spectrum disorder on emotion recognition in young unaffected probands from a population-based cohort*, Yale Child Study Center Seminar Series
- 2019 *Causal Inference Using Different Phenotypic Traits Related to Trauma Exposure, Trauma Response, and Posttraumatic Stress Disorder*, World Congress of Psychiatric Genetics
- 2019 *The effect of the genetic liability to autism spectrum disorder on emotion recognition in young participants from a population-based cohort*, Simons Foundation Autism Research Initiative (SFARI) Trainee Symposium
- 2019 *Deciphering the biological mechanisms underlying the genome-wide associations between computerized device use and psychiatric disorders*, Yale Postdoc Symposium
- 2018 *Pathway-Driven Molecular Autopsy of Tramadol-Exposed Finns*, Gordon Research Seminar – Forensic Science
- 2016 *Analysis of massively parallel sequencing data using the STR Allele Identification Tool – Razor (STRait Razor)*
International Symposium on Human Identification Workshop titled *Moving implementation mountains: Experiencing the forensic laboratory next generation sequencing workflow*

PEER REVIEWED POSTER PRESENTATIONS (Only listing posters that I presented or projects that I supervised. A full list of co-authored posters delivered by collaborators is available upon request)

- 2022 *Loci harboring de novo tandem repeat mutations in UK Biobank exomes associate with recreational substance use*, Society for Biological Psychiatry Annual Meeting
- 2020 *Genomic characterization of the ACE2 network highlights heterogeneous phenotypes of COVID-19*, American Society of Human Genetics*

2020	<i>Genomic structural equation modeling informs the shared genetic architecture of comorbid mental health conditions</i> , MVP Science Meeting*
2020	<i>Sex-specific gene-by-environment genome-wide interaction study of trauma, posttraumatic stress, and suicidality</i> , The STEM Village Virtual Symposium*
2019	<i>Posttraumatic stress disorder phenotype definition and overcoming shared etiology with related psychiatric disorders</i> , MVP Science Meeting
2019	<i>The effect of the genetic liability to autism spectrum disorder on emotion recognition in young participants from a population-based cohort</i> , World Congress of Psychiatric Genetics
2019	<i>The effects of natural selection on the persistence of common genetic risk for physiologic and pathologic traits of the human brain</i> , American Society of Human Genetics <ul style="list-style-type: none"> Received Reviewer's Choice designation indicating top 10% of all abstracts (~3,000 total abstracts)
2019	<i>Implication of FOXP2 and DRD2 in the associations between computerized device use and psychiatric disorders</i> , Society for Biological Psychiatry
2017	<i>In silico evaluation of a more comprehensive pharmacogenetic profile for predicting opiate metabolizer phenotype</i> , The Pharmacogenetics Research Network & American Society of Human Genetics
2017	<i>The future of the CYP2D6 molecular autopsy using tramadol-exposed individuals</i> , International Symposium on Human Identification
2017	<i>Sequencing of 68 insertion/deletion markers: motif and microhaplotypes</i> , International Symposium on Human Identification
2017	<i>STR and SNP genetic analyses of the Yavapai Native Americans using massively parallel sequencing</i> , International Symposium on Human Identification
2015	<i>Analysis of single-source short tandem repeat and single nucleotide polymorphism loci using a custom HaloPlex Target Enrichment System panel</i> , International Symposium on Human Identification
2013	<i>Rapid human identification: an evaluation of the RapidHIT® 200</i> , 8 th International Society for Applied Biological Sciences (ISABS) Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine
2013	<i>Rapid human identification: an evaluation of the RapidHIT® 200</i> , International Symposium on Human Identification & American Society of Crime Laboratory Directors Symposium & Northeastern Association of Forensic Scientists & PSU Undergraduate Research Exhibition
2011	<i>Clone library of microorganisms from Siberia, Antarctica, and Pennsylvania cold trap permafrost</i> , Pennsylvania Academy of Science

PROFESSIONAL SERVICE

MEMBERSHIPS

2021-present	Associate Member of the American Academy of Forensic Sciences
2019-2021	Trainee Member of the American Academy of Forensic Sciences
2017-present	American Society of Human Genetics

JOURNAL SERVICE – AD HOC REVIEWER

2021-present	<i>Molecular Psychiatry, Translational Psychiatry</i>
2020-present	<i>European Neuropsychopharmacology, Depression and Anxiety, Neurobiology of Stress</i>
2019-present	<i>Molecular Neuropsychiatry, Pharmacogenomics, Annals of Human Biology, PLOS ONE</i>
2018-present	<i>PLOS Genetics, Current Molecular Medicine, International Journal of Legal Medicine, Forensic Science Research</i>
2017-present	<i>BMC Bioinformatics, Journal of Zhejiang University – SCIENCE B</i>
2016-present	<i>Forensic Science International: Genetics</i>

ORGANIZATION SERVICES

- 2021-present Diversity and Inclusion Focus Group of the *American Academy of Forensic Sciences*
2017-present DNA Day Essay Contest Judge, *American Society of Human Genetics*

UNIVERSITY SERVICES

- 2022 Genetics/Genomics Judge, Research Appreciation Day at University of North Texas Health Science Center
2020 Yale Postdoc Association 3rd Annual Postdoc Symposium Organizing Committee
2019-2021 Courtney Patterson, MPS candidate, PSU Forensic Science Program, Thesis Committee Member, Thesis: *DNA Analysis of Fingerprint Mixtures*
2018-2020 PSU Eberly College of Science Alumni Mentorship Program, alumni mentor to Ms. Quanyiah Martin, Forensic Science major
2017-2021 PSU Eberly College of Science Alumni Mentorship Program, alumni mentor to Ms. Tamara Ricketts, Forensic Science major
2017-2019 Shayna Gray, MPS, PSU Forensic Science Program, Thesis Committee Member, Thesis: *Determination of Human Identity from Mosquito Blood Meals*
2017-2019 Teresa Tiedge, MPS, PSU Forensic Science Program, Thesis Committee Member, Thesis: *Massively Parallel Sequencing and STR Analysis from Partial Bloody Fingerprints Enhanced with Columnar Thin Films*

EXTRAMURAL SERVICES

- 2021 Doctoral dissertation referee for Dr. Ana Neckovic, Deakin University

PUBLIC SERVICE

- 2021-present Grant/Fellowship reviewer for Peer Review for Inclusion, Diversity, and Equity (PRIDE), an LGBTQ+ peer grant and fellowship review network
2016, 2017, 2018 Fort Worth Botanic Gardens volunteer
2017 UNTHSC LGBTQ and Allies student panel speaker
2015, 2016, 2017 UNTHSC Center for Diversity and International Programs Summer Research Internship Program poster presentation judge
2015, 2016 Walk to End Alzheimer's volunteer
2016 TexPrep STEM Outreach student member
2015, 2016 Texas Academy of Biomedical Science Education Week event coordinator
2016 South Garland High School career day presenter
2015 Tarrant County Heart Walk volunteer
2015 Presbyterian Night Shelter of Fort Worth volunteer
2015 Catholic Charities of Fort Worth volunteer
2015 Relay for Life volunteer
2013, 2014, 2015 Hope Exists After Rape Trauma sponsor retreat attendance for one victim (\$500 donation)
2014 James Joy Elementary School College Day presenter
2014 American Academy of Forensic Sciences CSI Summer Camp event coordinator

MENTORSHIP

CURRENT LABORATORY MEMBERS

- Andrea Quintero Intern 2022-present, MD/MBA Candidate, American University of Antigua College of Medicine
Swathi Murali Intern 2022-2022, PhD Student, Virginia Commonwealth University
Katie Rivera Intern 2022-present, BS Student, Lasell University

Brendan Newton Undergraduate Researcher 2022-present, BS Student, University of Toronto Mississauga
 Michela Marcellino Undergraduate Researcher 2022-present, BS Student, University of Toronto Mississauga
 Kairavi Parikh Undergraduate Researcher 2022-present, BS Student, University of Toronto Mississauga
 Ellie Wan Undergraduate Researcher 2022-present, BS Student, University of Toronto Mississauga
 Cristina Abbatangelo PhD Student in Evolutionary Anthropology, University of Toronto

OTHER MENTEES

Rachel Shaddof Affiliation: PhD Student, Novroski Lab at University of Toronto Mississauga
 Mentored topics: forensic genetics, statistics, population genetics, polygenic risk scoring
 Mentoring duration: 2020-present

Anjalika Balasuriya Affiliation: MS Student, Novroski Lab at University of Toronto Mississauga
 Mentored topics: forensic genetics, statistics, population genetics
 Mentoring duration: 2020-present

Ashley Moo-Choy Affiliation: MS Student, Novroski Lab at University of Toronto Mississauga
 Mentored topics: forensic genetics, statistics, population genetics
 Mentoring duration: 2020-present

Dr. Cassie Overstreet Affiliation: Clinical Neuroscience Postdoc at VA CT Healthcare System and Yale School of Medicine
 Mentored topics: Machine learning, R statistical programming
 Mentoring duration: 2020-present

Meghan Bauer Affiliation: (1) Undergraduate at Moravian College Neuroscience Program (2) PhD Student in Neuroscience at Lehigh University
 Mentored topics: Career planning
 Mentoring duration: 2019-present

Teresa Tiedge Affiliation: (1) MS Student with Reena Roy at Penn State, (2) PhD student, Meiklejohn Lab at North Carolina State University
 Mentored topics: Statistics, statistical genetics, forensic science concepts, career planning
 Mentoring duration: 2017-present

PREVIOUS MENTEES

Violet Kimble Mentored topics: Statistics, statistical genetics
 Mentoring duration: 2021-2022 (2.5 months)
 Current position: PhD Student, Yale Interdepartmental Neuroscience Program

Courtney Patterson Mentored topics: Statistics, statistical genetics, forensic science concepts, career planning
 Mentoring duration: 2019-2021
 Current employment: Physical Scientist, US Army Forensic Toxicology Drug Testing Laboratory

Quaniyah Martin Mentored topics: Career planning
 Mentoring duration: 2018-2020
 Current employment: NA

Dr. Aranyak Goswami Mentored topics: Bioinformatics, polygenic risk scoring, Mendelian randomization, genetic correlation, human genetics concepts
 Mentoring duration: 2019-2020
 Current employment: Postdoctoral Associate at Yale School of Medicine Departments of Internal Medicine and Genetics

Tamara Ricketts Mentored topics: Career planning
 Mentoring duration: 2017-2020
 Current employment: NA

Shayna Gray Mentored topics: Statistics, statistical genetics, forensic science concepts, career planning
 Mentoring duration: 2017-2020
 Current employment: Cuyahoga County Regional Forensic Science Laboratory

Carolina Muniz Carvalho	Mentored topics: Bioinformatics, polygenic risk scoring, Mendelian randomization Mentoring duration: 2018-2019 Current employment: Ph.D. Candidate at Universidade Federal de São Paulo
Allison Sherier	Mentored topics: Bioinformatics, R statistical programming, DNA sequence alignment Mentoring duration: 2016-2018 Current employment: Data Scientist, Pharmacogenomics Team at Caris Life Sciences
Victor Dias	Mentored topics: Library preparation and massively parallel sequencing workflows Mentoring duration: 2016-2017 Current employment: Ph.D. Candidate at Universidade Federal do Rio de Janeiro
Isadora Mello	Mentored topics: Library preparation and massively parallel sequencing workflows Mentoring duration: 2016-2017 Current employment: Staff scientist at Universidade Federal do Rio de Janeiro
Francine Brignac	Mentored topics: Statistics, statistical genetics, R statistical programming Mentoring duration: 2014-2016 Current employment: Forensic Biologist at University of North Texas Health Science Center Center for Human Identification
F. Nicole Proctor	Mentored topics: Statistics, statistical genetics, R statistical programming Mentoring duration: 2014-2016 Current employment: Forensic Scientist II at New Orleans Police Crime Laboratory