

# Teague R. Henry, Ph.D.

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Psychology & Data Science  
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## Positions and Training

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<b>2024-</b>	<b><i>Data Scientist Lead, Precision Health Initiative</i></b> University of Virginia
<b>2021-</b>	<b><i>Assistant Professor, Psychology and Data Science</i></b> University of Virginia
<b>2022-2023</b>	<b><i>Director of the MINDS Program</i></b> University of Virginia
<b>2020-2021</b>	<b><i>Postdoctoral Fellow (IMPACT T32)</i></b> University of Pittsburgh, Department of Psychiatry <i>Advisors:</i> Brooke Molina, Ph.D, Cecile Ladouceur, Ph.D
<b>2017-2020</b>	<b><i>Postdoctoral Research Associate in Psychology and Neuroscience</i></b> University of North Carolina at Chapel Hill <i>Advisor:</i> Jessica Cohen, Ph.D.
<b>2018-2019</b>	<b><i>Visiting Instructor in Psychology and Neuroscience</i></b> University of North Carolina at Chapel Hill
<b>2012-2017</b>	<b><i>Ph.D., Psychology and Neuroscience (Quantitative Area)</i></b> University of North Carolina at Chapel Hill <i>Advisor:</i> Kathleen Gates, Ph.D. <i>Dissertation Title:</i> Non-destructive motion correction for high value functional neuroimaging data using regime switching volatility models
<b>2015-2017</b>	<b><i>M.Sc., Statistics, University of North Carolina at Chapel Hill</i></b> <i>Advisors:</i> Steve Marron, Ph.D. & Patricia Sullivan, Ph.D. <i>Thesis Title:</i> Bayesian hierarchical modeling of citizen support for U.S. conflicts
<b>2008-2012</b>	<b><i>B.Sc., Psychology, University of Washington-Seattle</i></b> <i>Minors:</i> Mathematics, Philosophy <i>Advisor:</i> Kevin King, Ph.D. <i>Thesis Title:</i> The interaction of peer influence and impulsivity on adolescent alcohol use

## Grants and Fellowships

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<b>2025-2029</b>	National Institutes of Mental Health 2R01MH114881-06 <b>Co-I.</b> (\$115,704 total costs to UVA) <i>identifying Concussion in Adolescents at-risk for Emotion dysregulation – phase 2 (iCARE2)</i> PI: Amelia Versace @ University of Pittsburgh
<b>2024-2028</b>	National Institutes of Mental Health 1DP2MH136495 <b>Co-I.</b> (\$338,375 direct costs to UVA) <i>Innovations in Personalizing Treatment for Eating Disorders Using Idiographic Methods and the Impact of Personalization on Psychological, Physical, and Sociodemographic Outcomes.</i> PI: Cheri Levinson @ University of Louisville
<b>2023-2027</b>	National Institutes of Mental Health 1R01MH128229 <b>Co-I.</b> (\$86,608 direct costs to UVA). <i>Neurodevelopment of Emotional Interference Resistance in Adolescence to Adulthood : A Multimodal Neuroimaging Approach.</i> PI: Neil Jones @ University of Pittsburgh
<b>2021-2026</b>	National Institutes of Mental Health R01MH126979 <b>Co-I.</b> ((\$114,016 direct costs to UVA) <i>Puberty-related Development of Frontoamygdala Circuitry in Anxious Youth: A Multimodal Neuroimaging Study with Ultra-high Resolution MRI Scanner (7T)</i> PI: Cecile Ladouceur @ University of Pittsburgh
<b>2020-2021</b>	Postdoctoral NIMH T32 <b>Fellowship</b> (IMPACT) Pittsburgh University, Department of Psychiatry
<b>2014-2017</b>	National Science Foundation Graduate Student Research <b>Fellowship</b> (\$150,000) <i>Awarded to develop methods for analyzing heterogeneity within network data</i>

## Honors and Awards

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<b>2024</b>	FAIR Summit 2024 Fellow
<b>2016</b>	Best Student Presentation - AISC 2016
<b>2016</b>	Best Student Paper - SPB-BRIMS 2016
<b>2011</b>	Levinson Emerging Scholar Award, University of Washington-Seattle
<b>2008</b>	Merit Scholarship (\$8000), University of Washington-Seattle

## Publications and Presentations (Advisees in ***Bold Italic***)

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### Peer Reviewed Publications

1. Levinson, C. A., ***Slipetz, L., Henry, T.,*** Crumby, E., & Pennesi, J.-L. (2025). What Makes Personalized Treatment Work? Mechanisms of Change in Personalized Treatment for Eating Disorders: A Proof-of-Concept Study. *Behavior Therapy*. <https://doi.org/10.1016/j.beth.2025.04.003>
2. Tamm, G., Koster, E. H. W., ***Henry, T.,*** & Hoorelbeke, K. (2025). Stuck in Thought: Temporal Interplay Between Cognitive Building Blocks of Rumination. *Behavioral Research and Therapy*.
3. ***Qiu, J.,*** Chernyavskiy, P., Lake, D. E., & ***Henry, T. R.*** (2025). Fast leave-one-cluster-out cross-validation by clustered network information criteria (NICc). *Statistics in Medicine*.

4. **Slipetz L.R.**, Falk, A., **Henry, T.R.** (2025) Missing Data in Discrete Time State-Space Modeling of Ecological Momentary Assessment Data: A Monte-Carlo Study of Imputation Methods. *Multivariate Behavioral Research*.  
<https://arxiv.org/abs/2301.13144v2>
5. Briganti, G., Scutari, M., Epskamp, S., Borsboom, D., Hoekstra, R. H. A., Golino, H. F., Christensen, A. P., Morvan, Y., Ebrahimi, O. V., Costantini, G., Heeren, A., van Bork, R., de Ron, J., Bringmann, L. F., Huth, K., Haslbeck, J. M. B., Isvoranu, A.-M., Marsman, M., Blanken, T., ..., **Henry, T.R.**, Fried, E.I., McNally, R. J. (2024). Network analysis: An overview for mental health research. *International Journal of Methods in Psychiatric Research*.
6. **Henry T.R.**, **Slipetz, L.R.**, Falk, A., **Qiu, J.**, Chen, M. (2024). Ordinal Outcome State-Space Models for Intensive Longitudinal Data. *Psychometrika*.  
<https://arxiv.org/abs/2305.13444>
7. Perrin, P. B., West, S. J., Klyce, D. W., Clark, S. W., Vargas, T. A., Gates, A. J., **Henry, T. R.**, Dini, M. E., Agtarap, S. D., Eagye, C. B., Finn, J. A., Juengst, S. B., Dams-O'Connor, K., & Bombardier, C. H. (2024). Psychometric network analysis in rehabilitation research: A methodological demonstration in depression symptoms of veterans and service members at 1 and 2 years after TBI. *Rehabilitation Psychology*.
8. **Henry, T. R.**, Fisher, Z. F., & Bollen, K. A. (2024). Optimal Instrument Selection using Bayesian Model Averaging for Model Implied Instrumental Variable Two Stage Least Squares Estimators. *Structural Equation Modeling: An Interdisciplinary Journal*.  
<http://arxiv.org/abs/1808.10522>
9. **Henry, T.R.**, & Ye, A. (2024) The Effects of Omitted Variables and Measurement Error on Cross-sectional Network Psychometric Models. *advances.in/psychology*.  
<https://doi.org/10.56296/aip00011>
10. Van Horn, J.D., Jacokes, Z., Newman B., **Henry T. R.** (2023) Is Now the Time for Foundational Theory of Brain Connectivity? *Neuroinformatics*.
11. **Qiu, J.**, Zimmet A. N., Bell T.D., Gadrey S., Brandberg J., Maldonado S., Zimmet A.M., Ratcliffe S., Chernyavskiy P., Moorman J.R., Clermont G., **Henry T.R.**, Nguyen N. R., Moore C.C. (2023). Pathophysiological Responses to Bloodstream Infection in Critically Ill Transplant Recipients Compared With Non-Transplant Recipients. *Clinical Infectious Diseases*.
12. Tavasoli, A., **Henry, T.R.**, & Shakeri, H. (2023). A purely data-driven framework for prediction, optimization, and control of networked processes: Application to networked SIS epidemic model. *ISA Transactions*. <http://arxiv.org/abs/2108.02005>
13. Ladouceur, C., **Henry, T.R.**, Ojha, A., Shirtcliff, E.A., Silk, J.S. (2023). Fronto-amygdala functional connectivity is associated with anxiety symptoms among adolescent girls more advanced in pubertal maturation. *Developmental Cognitive Neuroscience*.
14. **Henry, T. R.**, Fogleman, N., & Cohen, J. R. (2022). Functional network controllability in children with ADHD after methylphenidate administration. *Translational Psychiatry*.
15. Gray, K., MacCormack, J. K., **Henry, T. R.**, Banks., E., Schein, C., Armstrong-Carter, E., Abrams, S., Muscatell, K. A. (2022). The “Affective Harm” Account (AHA) of Moral Judgment: Reconciling Cognition and Affect, Dyadic Morality and Gut Feelings, Harm and Purity. *Journal of Personality and Social Psychology*.
16. **Henry T. R.**, Fried, E.I. & Robinaugh, D. (2021). On the Control of Psychological Networks. *Psychometrika*.
17. Ye, A., Gates, K. M., **Henry, T. R.**, & Luo, L. (2021). Path and Directionality Discovery in Individual Dynamic Models: A Regularized Unified Structural Equation Modeling Approach for Hybrid Vector Autoregression. *Psychometrika*.

18. Jackson, J. C., Watts, J. \*, **Henry, T. R.**\*, List, J., Forkel, R., Mucha, P. J., Greenhill, S., Gray, R., Lindquist, K. (2019). Variation and structure in emotion semantics across a global sample of languages. *Science*. (\*Contributed equally)
19. MacCormack, J. K., **Henry, T. R.**, Davis, B., Oosterwijk, S., & Lindquist, K. A. (2019). Aging bodies, aging emotions: Interoceptive differences in emotion representations and daily self-reports across adulthood. *Emotion*.
20. **Henry, T. R.**, Duffy, K., Rudolph, M., Nebel, M. B. Mostofsky, S. H. & Cohen, J. R., (2019). Bridging global and local topology in whole brain networks using the network statistic jackknife. *Network Neuroscience*. Preprint: psyarxiv.com/qejmg/
21. **Henry, T. R.**, Gates, K. M., Prinstein, M. J., & Steinley, D. (2019). Modeling heterogeneous peer assortment effects using finite mixture exponential random graph models. *Psychometrika*. arXiv::1610.05747
22. Gates, K., Fisher, Z., Arizmendi, C., **Henry, T. R.**, Duffy, K. & Mucha, P. (2019). Assessing the robustness of cluster solutions obtained from sparse count matrices. *Psychological Methods*.
23. Dillion, K. H., LoSavio, S. T., **Henry, T. R.**, Murphy, R. A. & Resick, P. A. (2019). The impact of military status on cognitive processing therapy outcomes in the community. *Journal of Traumatic Stress*
24. Marshall, S. A., **Henry, T. R.**, Spivey, L., Rhodes, S. D., Prinstein, M. J., & Ip, E. H. (2019). Social context of sexual minority adolescents and relationship to alcohol Use. *Journal of Adolescent Health*.
25. **Henry, T. R.**, Feczko, E., Cordova, M., Earl, E., Williams, S., Nigg, J. T., Fair D. A., & Gates, K. (2019). Comparing functional connectivity between groups with confirmatory subgrouping GIMME. *NeuroImage*.
26. **Henry, T. R.**, Banks D., Owens-Oas, D., & Chai C. (2019). Modeling community structure and topics in dynamic text networks. *Journal of Classification*. arXiv:: 1610.05756
27. **Henry, T. R.**, & Cohen, J. R. (2019). Dysfunctional brain network organization in neurodevelopmental disorders. In P. J. Laurienti, B. Munsell, & G. Wu. (Eds.) *Connectomics: Methods, Mathematical Models and Applications*.
28. **Henry, T. R.**, Marshall S., Avis, N. E., Levine, B. J., & Ip, E. (2018). Concordance network modeling and clustering of symptoms in breast cancer patients. *PLoS One*. doi: 10.1371/journal.pone.0191981
29. **Henry, T. R.**, Dichter, G., & Gates, K. (2018). Age and gender effects on intrinsic connectivity in autism using functional integration and segregation. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*. doi: 10.1016/j.bpsc.2017.10.006
30. **Henry, T. R.**, & Gates, K. (2016). Causal search procedures for fMRI: Review and suggestions. *Behaviormetrika*. doi: 10.1007/s41237-016-0010-8
31. Gates, K., **Henry, T. R.**, Steinley, D., & Fair, D. (2016). A Monte Carlo evaluation of weighted community detection algorithms. *Frontiers in Neuroscience*. doi: 10.3389/fninf.2016.00045
32. **Henry, T. R.**, Gesell, S., & Ip, E. (2016). Social position predicting physical activity level in youth: An application of hidden Markov modeling on network statistics. *Social Computing, Behavioral-Cultural Modeling and Prediction (Conference Proceedings 2016 Volume)*. \* Winner of Best Student Paper at SPB-BRiMS 2016

33. **Henry, T. R.**, Gesell, S., & Ip, E. (2016). Analyzing heterogeneity in the effects of physical activity in children on social network structure and peer selection dynamics. *Network Science*, 4, 336–363. doi: 10.1017/nws.2016.2
34. Persky, A., **Henry, T. R.**, & Campbell, A. (2015). An examination of personality, attitudes, and study skills on the learning curve within a team-based learning environment. *American Journal of Pharmaceutical Education*, 79, 20. doi: 10.5688/ajpe79220
35. Logan, D. E., **Henry, T. R.**, Vaughn, M., Luk, J. W., & King, K. M. (2011). Rose-colored beer goggles: The relation between experiencing alcohol consequences and perceived likelihood and valence. *Psychology of Addictive Behaviors*. 26, 311-317. doi: 10.1037/a0024126

### Preprints (In Revision or Under Peer-Review)

1. **Sun, S.**, Schmidt, K. M., & **Henry, T. R.** (Submitted). Don't Let Your Likert Scales Grow Up To Be Visual Analog Scales: Understanding the Relationship Between Number of Response Categories and Measurement Error (No. arXiv:2502.02846). arXiv. <https://doi.org/10.48550/arXiv.2502.02846>
2. **Qiu, J.**, Guo, D., Natalie, P., Noelle, P., Cheri, L., & **Henry, T. R.** (2025). Ensemble of Large Language Models for Curated Labeling and Rating of Free-text Data (No. arXiv:2501.08413). arXiv. <https://doi.org/10.48550/arXiv.2501.08413>
3. **Slipetz L.R.**, Eberle, J.W., Levinson, C.A., Falk, A., Cusack C.E., **Henry T.R.** (Submitted to *Multivariate Behavioral Research*). Analyzing Ecological Momentary Assessment Data with State Space Models: Considerations and Recommendations. <https://arxiv.org/abs/2305.03214>
4. **Slipetz, L. R.**, **Qiu, J.**, **Sun, S.**, & **Henry, T. R.** (2024). *Identifying nonlinear relations among random variables: A network analytic approach* (No. arXiv:2411.02763). arXiv. <https://doi.org/10.48550/arXiv.2411.02763>
5. Venkadesh S., Shaikh A., Shakeri H., **Henry T.R.**, Barreto E., Van Horn J.D. (Submitted) A Simple Model of Cortical Intraregional Metastability. *BioRxiv*: 2022.09.28.509893. <https://www.biorxiv.org/content/10.1101/2022.09.28.509893v1>

### In Revision or Under Peer-Review

1. Robinaugh, D., Blanken, T., Bridger, E., Casamento-Moran, A., de Ron, J., **Henry, T.R.**, Hoekstra, R., Stratis, G., van de Lemput, I., van Nes, E., Wang, S., Wheatley, T., Fried, E. The Future of the Biopsychosocial Model: Toward a Transdisciplinary Systems Science of Mental Health (Revise and Resubmit). *Clinical Psychological Science*

### Chaired Symposiums

1. **Network Methods in Psychology and Neuroscience: Views, Advances and Use Cases from Clinical Science and Neuroimaging**. Organized and Chaired Symposium at Association for Psychological Science 2020. Speakers: Eiko I. Fried, Robin Groen, Jessica Girault, Jessica Cohen, **Teague R. Henry**. (Cancelled due to COVID-19)
2. **Quantitative Methods in Neuroimaging**. Organized and Chaired Symposium at Modern Modeling Methods (M3) 2018. Speakers: Adriene Beltz, Kelly Duffy, Kathleen Gates, Jessica Cohen, **Teague R. Henry**.

### Refereed Posters & Symposium Talks

1. **Henry T.R.** (2025, July). Computer Adaptive Testing in Ecological Momentary Assessments. Talk presented at the International Meeting of the Psychometric Society.

2. **Henry T.R.** (2024, October). Linux, Scripting, and a Dash of Brains: Neuroimaging Processing in 2024. Talk Presented at the Annual UVA Brain and Data Science Conference.
3. **Henry T.R.** (2023, July). State Space Models for Ordinal Measurements: Towards a Generalized Dynamic IRT. Talk Presented at the International Meeting of the Psychometric Society 2023.
4. **Henry T.R.** (2023, May). Control Theoretic Methods for Designing Psychological Interventions. Talk Presented at the Association for Psychological Science Annual Meeting 2023.
5. **Henry T.R.** (2023, March). Control Theoretic Methods for Psychological Science. Invited Symposium Talk at ICPS 2023 in Brussels Belgium.
6. **Henry, T.R.**, Jones N., Joseph, H., Lindstrom, R., Gnagy, E., Pelham W., Ladouceur C., Molina, B.S.G. (2022 Nov) Developmental Trajectories of ADHD Symptom Severity Predict Functional Connectivity of Reward and Salience Networks in Adulthood. Presented at Flux Congress 2022.
7. Van Horn, J., Shakeri, H., **Henry, T.R.**, Venkadesh, S., Issues of Reproducibility in a Commonly Used Approach for Independent Components Analysis in fMRI (June 2021). Presented at the annual conference of the *Organization for Human Brain Mapping*.
8. Mitchell, M.E., **Henry, T.R.**, Wilson, J., Cohen, J.R. Evaluation of thresholding methods for functional connectivity data using ground-truth simulations. (June 2021). Presented at the annual conference of the *Organization for Human Brain Mapping*.
9. **Henry T.R.**, Venkadesh, S., Shakeri, H., Jacokes, Z., Van Horn, J. ICA fails in network reconstruction when sources are not independent: A methodological evaluation. (June 2021). Presented at the annual conference of the *Organization for Human Brain Mapping*.
10. Venkadesh, S., Shakeri, H., **Henry, T.R.**, Van Horn, J. Transient clusters in simulated networks of heterogeneous neuronal populations. (June 2021). Presented at the annual conference of the *Organization for Human Brain Mapping*.
11. **Henry, T.R.** Controllability Centrality: A better way of identifying optimal treatment targets. (May, 2020). Presented at the annual conference of the *Association for Psychological Science*, Chicago, IL. (Cancelled due to COVID-19)
12. **Henry, T.R.** & Eiko I. Fried. Designing and Evaluating Psychological Treatments using Network Control Theory. (May, 2020). Presented at the annual conference of the *Association for Psychological Science*, Chicago, IL. (Cancelled due to COVID-19)
13. King, K.M., Louie, K.A., Smith, M.R., Seldin, K., Feil, M.C., Halvorson, M.A., Kuehn, K.S., **Henry, T.R.**, & McCabe, C.J. On the (in)validity of behavioral self-regulation tasks. (May, 2020). Presented at the annual conference of the *Association for Psychological Science*, Chicago, IL. (Cancelled due to COVID-19)
14. Ye, A., Gates, K. M., & **Henry, T. R.** (April, 2020). Discover Contemporaneous Connections in Dynamic Network: Regularized Unified SEM as A Hybrid Vector Autoregressive Model. Paper to be presented at the 2020 American Education Research Association Annual Meeting (Division D: Measurement and Research Methodology/Section 2: Quantitative Methods and Statistical Theory), San Francisco, CA. (Cancelled due to COVID-19)
15. **Henry, T.R.**, Duffy K.A., Nebel, M.B., Mostofsky, S.H., Cohen, J.R. (August, 2019) Localizing differences in functional integration in attention deficit/hyperactivity disorder. Poster presented at Flux Conference, New York, USA.
16. **Henry T.R.** & Ai, Y. (July, 2019). The Impact of Endogeneity on Network Psychometric Models. Talk given at the International Meeting of the Psychometric Society, Santiago, Chile.



17. Morgan, H., **Henry, T.R.**, Ford, C., Gates, K., Hopfinger, J. (March, 2019). Investigating training-induced changes in resting state fMRI brain connectivity, North Carolina Cognition Conference
18. Greene, R.K., **Henry, T.R.**, Walsh, E., Cernasov, P., & Dichter, G.S. (2019, May). *Default mode and striatal connectivity in youth with co-occurring autism spectrum disorder and ADHD*. Poster to be presented at the International Society for Autism Research (INSAR) Annual Meeting, Montreal, Canada.
19. **Henry, T.R.**, Cohen, J.R., Dichter, G.S. & Gates, K.M. (2018 August). Age and Gender Effects on Intrinsic Connectivity in Autism using Functional Integration and Segregation. Poster Presented at Flux Satellite Conference, Chapel Hill, NC.
20. **Henry, T.R.**, & Banks, D. (2016, October). *Text networks for political blogs*. Presentation at the 2016 International Conference on Advances in Interdisciplinary Statistics and Combinatorics.  
\* Talk Awarded Best Student Presentation
21. **Henry, T.R.**, Gesell, S., & Ip, E. (2016, June). *Social position predicting physical activity level in youth: An application of hidden Markov modeling on network statistics*. Presentation at SBP-BRIMS 2016.  
\*Talk Awarded Best Student Paper
22. **Henry, T.R.**, Gesell, S., & Ip, E. (2016, April). *Analyzing heterogeneity in the effects of physical activity in children on social network structure and peer selection dynamics*. Symposium presentation at Sunbelt 2016 INSA Conference.
23. **Henry, T.R.**, Gates, K., Lane, S., & Damien, F. (2014, June). *Finding groups: A comparison of community detection methods for FMRI data*. Poster presented at the 2014 annual meeting of the Organization for Human Brain Mapping: Hamburg, Germany.
24. **Henry, T.R.**, Thimm, K., & King, K. M. (2013, April). *The effects of fatigue and impulsivity on behavioral measures of inhibition*. Poster presented at the biannual meeting of the Society for Research on Child Development.
25. **Henry, T.R.**, & King, K. M. (2012, June). *The effects of mis-measuring impulsivity on estimates of alcohol use*. Poster presented at the annual meeting of the Research Society on Alcoholism.
26. **Henry, T.R.**, & King, K. M. (2012, June). *The interaction of peer influence and impulsivity on adolescent alcohol use*. Poster presented at the annual Department of Psychology Honors Thesis Festival at University of Washington-Seattle.

### Invited Talks and Workshops

1. **Henry T.R.** (2024, October). Computer Adaptive Testing for Ecological Momentary Assessments. Invited Talk at the Future of Adaptive Intervention Research Summit, Ann Arbor, MI.
2. **Henry T.R.** (2023, March). Network Psychometrics for Affective Scientists. Invited talk at the Society for Affective Science 2023 Annual Meeting, Long Beach, CA.
3. **Henry T.R.** (2023, February). Ordinal State Space Models: A Tale of Two Identification Issues. Invited talk at PennState.
4. **Henry T.R.** (2023, January). Consequences of Thresholding and Dichotomization on Graph Theoretic Functional Connectivity Metrics. Invited talk at University of North Carolina at Chapel Hill.

5. **Henry, T.R.** (2021, November) Beyond Community Detection: Classification in Networks. Invited talk at the Classification Society 2021 Annual Conference.
6. **Henry T. R.** (2021, October). Understanding Psychopathological Processes Using Control Theory. Invited talk at University of Tübingen's 2021 Summer School on Control Methods in Psychology.
7. **Henry T. R.** (2020, October). A methodologist's guide to the wide, weird and wonderful world of neuroimaging. Invited talk at Vanderbilt University Quantitative Methods Seminar.
8. **Henry, T. R.** (2019, November). *A MRI processing pipeline for high performance clusters*. Invited talk for the Human Neuroimaging Group at UNC-CH
9. **Henry, T. R.** (2019, October). *On the control of psychological networks*. Invited talk at UNC-CH Department of Psychology and Neuroscience Quantitative Methodology Forum.
10. **Henry, T. R.** (2019, September). *clpipe Training Workshop*. Organized by the Human Neuroimaging Group at UNC-CH.

## Software Packages

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1. Falk, A., & **Henry, T.R.** (2023). *netlabUVA/genss: Genss v0.1.0 - Initial Prerelease*. Zenodo. <https://doi.org/10.5281/zenodo.7887019>
2. **Henry, T. R.** (2018). netcontrol: Control Theory Methods for Networks. R package version 0.1.0. <https://CRAN.R-project.org/package=netcontrol>
3. **Henry, T. R.** (2019). clpipe: A MRI Processing Pipeline for high performance clusters. Python package version 1.2.0. <https://github.com/cohenlabUNC/clpipe>. DOI: 10.5281/zenodo.2560743
4. **Henry, T. R.** (2018). netjack: Tools for Working with Samples of Networks. R package version 1.0.0. <https://CRAN.R-project.org/package=netjack>
5. Lane, S., Gates, K.M., Molenaar, P.C., Hallquist, M., Pike, H., Fisher, Z., Arizmendi C., & **Henry, T. R.** (2018). gimme: Group Iterative Multiple Model Estimation. R package version 0.4. <https://CRAN.R-project.org/package=gimme>
6. Gates, K.M., Fisher, Z., Arizmendi C., & **Henry T. R.** (2019). perturbR: Random Perturbation of Count Matrices. R package version 0.1.3. <https://CRAN.R-project.org/package=perturbR>

## Technical Skills

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- **Experienced with:** R, Matlab, Python, C++, C#, VBA, F#
- **Statistical Packages:** R, SPSS, SAS, STATA, Matlab

## Consultation and Professional Experience

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<b>2015-Present</b>	<i>Head Statistician</i> at Reazon Chapel Hill, North Carolina  Oversee design and implementation of critical reasoning assessment development
<b>2016-2017</b>	<i>Statistical Consultant</i> , Steve Marron, Ph.D, University of North Carolina Chapel Hill, North Carolina



<b>2013-2014</b>	<i>Biostatistician</i> , Edward Ip, Ph.D., Wake Forest Baptist Medical Center Winston Salem, North Carolina
<b>2013</b>	<i>Statistical Consultant</i> , 3C Institute for Social Development Cary, North Carolina

## Teaching and Mentoring Experience

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### Primary Instructor (\* Regularly Offered)

• Quantitative Research Methods (Graduate Seminar, UVA)	Fall 2024*
• Bayesian Machine Learning (Graduate Seminar, UVA)	Fall 2024
• Research Methods in Data Science (Graduate Seminar, UVA)	Spring 2024*
• Multilevel Modeling (Graduate Seminar, UVA)	Spring 2022*
• Introduction to Network Analysis (UVA)	Fall 2021
• Bayesian Machine Learning (Graduate Seminar, UVA)	Summer 2021
• Advanced Connectivity Modeling (Graduate Seminar, UNC-CH)	Fall 2018

### Teaching Assistant

• Introduction to Psychological Statistics, Dr. Viji Sathy (UNC-CH)	Fall 2012
• Psychological Statistics, Dr. Geoffrey Loftus (UW)	Spring 2012
• Psychological Statistics, Dr. Geoffrey Loftus (UW)	Fall 2011

### Masters Committees (*Chair In Italics*)

- Lindley Slipetz, Wake Forest University, Experimental Psychology Masters, 2021

### Dissertation Committees (*Chair in Italics*)

- Lu Lin, University of Virginia, Computer Science PhD, 2022
- Ai Ye, University of North Carolina, Quantitative Psychology PhD, 2022
- Devyn Smith, University of Virginia, Cognitive Psychology PhD, 2024
- Jeremy Ereble, University of Virginia, Clinical Psychology PhD, 2023
- Katherine E Daniels, University of Virginia, Clinical Psychology PhD, 2023
- Christof Fehrman, University of Virginia, Quantitative Psychology PhD, 2024
- Max Larrazabel, University of Virginia, Clinical Psychology, 2024
- Emma Toner, University of Virginia, Clinical Psychology, 2024

### Distinguished Major's Projects Advised/Read

- Phyl Peng, University of Virginia, 2023

### UVA Undergraduate Lab RAs

- Rea Pillai – Spring 2025 -
- Rosa (Ruoyun) Li – Spring 2025

### Undergraduate Summer Research Experience Advised

- Rachel Sun, University of Virginia, 2023

### Senior Theses Mentored

<b>2017-2018</b>	<b>Niveditha Jagadesh</b> , University of North Carolina at Chapel Hill “Functional Connectivity Analyses of Reward Processing in Schizophrenia”
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## PhD Students Advised

- Lindley Slipetz, University of Virginia, Quantitative Psychology, 2021-Present
- Joy (Jiaxing) Qiu, University of Virginia, Data Science, 2023-Present
- Siqi Sun, University of Virginia, Quantitative Psychology, 2023-Present

## Professional Service

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**Editorial Board for:** *Psychological Methods, Behavioral Research Methods*

**Ad-hoc Reviewer for:** *Journal of Classification\**, *Journal of Personality & Social Psychology*, *Molecular Psychiatry*, *Multivariate Behavioral Research\**, *Network Science\**, *Psychometrika\**, *Brain Structure and Function*, *PLOS One*, *Brain Connectivity*, *Psychological Methods\**, *Rehabilitation Psychology*, *Journal of Happiness Studies*, *advances.in/psychology*

\*indicates multiple reviews

## University Service

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- Brain in Data Science Research Interest Group, UVA Data Science - 2024
- Teen and Youth Digital Experience (TYDE) Training and Outreach Committee - 2024
- Precision Health Grand Challenge Steering Committee. University of Virginia - 2023
- PhD Admissions Committee. University of Virginia, School of Data Science – 2023, 2024
- PhD Curriculum Committee. University of Virginia, School of Data Science – 2023, 2024