

Date: 03/2026

Curriculum Vitae
JOSHUA R. OLTMANN, Ph.D.

Department of Psychological & Brain Sciences
Washington University in St. Louis
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RESEARCH INTERESTS

personality, PTSD, depression, anxiety, psychometrics, natural language processing, AI

LICENSURE

2022 – present Licensed Psychologist # 025137, New York State Board for Psychology

EMPLOYMENT

2024 – Assistant Professor, Department of Psychological & Brain Sciences,
Washington University in St. Louis

2023 – 2024 Assistant Professor, Department of Psychology,
Southern Methodist University

2022 – 2023 Assistant Professor, School of Psychology, Xavier University

2020 – 2022 Research Assistant Professor, Department of Psychiatry and Behavioral
Health, Stony Brook University Medicine

EDUCATION

2020 Ph.D. University of Kentucky, Clinical Psychology
Chair: Thomas A. Widiger, Ph.D.
Clinical Internship: University of Kentucky Internship Consortium

2014 M.S. Villanova University, General Experimental Psychology
Chair: Patrick M. Markey, Ph.D.

2007 B.A. Indiana University, Music Business
Sponsor: Andrew Hollinden, M.M.

AWARDS AND HONORS

2025	Rising Star Award, <i>Association for Psychological Science</i>
2021	NARSAD Young Investigator Award, <i>Brain and Behavior Research Foundation</i>
2021	Emerging Scholar Award, <i>Association for Research in Personality</i>
2020	Michael T. Nietzel Award for Outstanding Graduate Student, Department of Psychology, University of Kentucky
2017	Ruth L. Kirschstein National Research Service Award, <i>National Institute on Aging</i>
2017	Poster Award, <i>International Society for the Study of Personality Disorders</i>
2016	Outstanding Pre-Doctoral Research Award, Department of Psychology, University of Kentucky

RESEARCH GRANTS

Extramural Awarded:

NARSAD Young Investigator Award **Oltmanns (PI)** 01/2022—01/2026
Brain and Behavior Research Foundation Total costs: \$69,538.00

Title: Detecting PTSD in Natural Language

Description: This project will develop artificial intelligence-based language scores for PTSD in 3,000 World Trade Center (WTC) responders. These tools may facilitate screening and care by providing behavioral PTSD markers and informing prognosis and monitoring of treatment response, while simultaneously reducing assessment time demands.

F31 AG055233 **Oltmanns (PI)** 05/2017—05/2020
National Institute on Aging Total costs: \$132,132.00

Title: A Longitudinal Investigation of Maladaptive Personality Traits as Reported by the Self and Others in the Prediction of Physical Health

Ruth L. Kirschstein National Research Service Award (NRSA) Predoctoral Fellowship

Description: This study examines the predictive utility of maladaptive personality traits for physical health in a longitudinal study of a representative sample of older adults. The goal is to develop scientific understanding of the relationships between maladaptive personality traits and health across time.

Intramural Awarded:

Longer Life Foundation Pilot Grant **Oltmanns (PI)** 10/2025—11/2026
Department of Medicine, WashU Total costs: \$50,000.00

Title: AI-Driven Mortality Prediction: integrating Biological, Psychosocial, and Linguistic Predictors of Mortality Using Deep Learning Transformer Models

Description: Develop predictive models that integrate and compare biological (e.g., blood-based biomarkers) and psychosocial (e.g., personality) variables with life narrative language to predict mortality risk, ultimately contributing to more effective prevention and care strategies for older adults.

Here and Next Seed Grant **Oltmanns & Jacobs (PIs)** 06/2025—06/2026

AI for Health Institute, WashU Total costs: \$50,000.00
 Title: Advancing Psychological Assessment with Computer Vision AI
 Description: Interdisciplinary (psychology and computer science) seed grant to develop multimodal AI for personality and psychopathology from behavior in clinical interview video recordings.
 Collaborator: Dr. Nathan Jacobs, Professor of Computer Science, WashU.

Data Science Seed Grant **Oltmanns & Gupta (PIs)** 11/2023—11/2024
Data Science Institute, SMU Total costs: \$34,052.00
 Title: Training and Evaluation of Large Language Models for Psychological Assessment
 Description: Interdisciplinary (psychology and computer science) data science cluster seed grant to develop AI for personality and psychopathology from natural language. State-of-the-art NLP techniques including fine-tuning of LLMs will be developed to detect personality and psychopathology.
 Collaborator: Dr. Mehak Gupta, Assistant Professor of Computer Science, SMU.

PUBLICATIONS

Peer-Reviewed Journal Articles

* = student mentored by Oltmanns, J. R., # = student co-mentored by Oltmanns, J. R.

50. Kjell, O. N. E., Ganesan, A. V., Boyd, R., **Oltmanns, J. R.**, Rivero, A., Feltman, S., Carr, M.A., Luft, B. J., Kotov, R., & Schwartz, H. A. (in press). Replicability and validity of a new AI assessment of PTSD from patient language: A sequential evaluation with model pre-registration. *Clinical Psychological Science*. <https://doi.org/10.1177/21677026261439026/>
49. Atkinson, E., **Oltmanns, J. R.**, & Smith, G. T. (in press). The value of focusing on psychosocial dysfunction rather than categorical disorders: A commentary on “Why psychopathology research should avoid studying one mental disorder at a time: An intergenerational and developmental evidence base for understanding ‘p’” by Caspi et al. *Journal of Psychopathology and Clinical Science*.
48. * Heragu, P., Dieujuste, N., Mekawi, Y., & **Oltmanns, J. R.** (2026). Longitudinal measurement invariance of the Personality Inventory for ICD-11 across Black and White American older adults. *Psychological Assessment*, 38, 71-84. <https://doi.org/10.1037/pas0001421>
47. **Oltmanns, J. R.**, # Khandelwal, R., Ma, J., * Brickman, J., * Do, T., # Hussain, R., & Gupta, M. (2026). Language-based AI modeling of personality traits and pathology from life narrative interviews. *Journal of Psychopathology and Clinical Science*, 135, 122-135. <https://doi.org/10.1037/abn0001047>
46. Le Corff, Y., Aluja, A., Atitsogbe, K. A., Courtois, R. Dahourou, D., Forget, K., Hansenne, M., Kavitha, D., Kounou, K. B., Lapalme, M., **Oltmanns, J. R.**, Rossier, J., Tipandjan, A., Widiger, T. A., & Rolland, J.-P. (2025). Cross-cultural validity of the Five-Factor Personality Inventory for ICD-11 (FFiCD) across nine countries and validation of a French translation.

Personality Disorders: Theory, Research, and Treatment, 16, 476-490.
<https://doi.org/10.1037/per0000711>

45. * Brickman, J., Gupta, M., & **Oltmanns, J. R.** (2025). Large language models for psychological assessment: A comprehensive overview. *Advances in Methods and Practices in Psychological Science*, 8, 1-26. <https://doi.org/10.1177/25152459251343582>
44. Leising, D., Borgstede, M., Burger, J., Zimmermann, J., Bäckström, M., **Oltmanns, J. R.**, Freyer, N., Wiedenroth, A., Knischewski, P., & Connelly, B. S. (2025). Why do judgments on different person-descriptive attributes correlate with one another? A conceptual analysis with relevance for most psychometric research. *Collabra: Psychology*, 11, 133683. <https://doi.org/10.1525/collabra.133683>
43. * Khudari, C., **Oltmanns, J. R.**, Ruggero, C., Luft, B. J., & Kotov, R. (2025). Personality change across four years in World Trade Center responders. *European Journal of Personality*, 39, 323-335. <https://doi.org/10.1177/08902070241255397>
42. Martin, E. A., Lian, W., **Oltmanns, J. R.**, Jonas, K. G., Samaras, D., Hallquist, M. N., Ruggero, C. J., Clouston, S. A. P., & Kotov, R. (2024). Behavioral markers of psychotic disorders: Using automatic facial coding to detect nonverbal expressions in video. *Journal of Psychiatric Research*, 176, 9-17. <https://doi.org/10.1016/j.jpsychires.2024.05.056>
41. * Mays, A., * Mills, C., & **Oltmanns, J. R.** (2024). Two-year retest reliability and predictive validity of the Self- and Informant-Personality Inventory for ICD-11 in older adults. *Psychological Assessment*, 36, 433-439. <https://doi.org/10.1037/pas0001316>
40. Chamandoost, Z., Jananeh, M., Sadeghi, L., Komasi, S., & **Oltmanns, J. R.** (2023). Comparison of the relations between three dimensional personality models and intra- and interpersonal functioning. *Journal of Research in Personality*, 106, 104416. <https://doi.org/10.1016/j.jrp.2023.104416>
39. **Oltmanns, J. R.**, Ruggero, C., Miao, J., Waszczuk, M., * Yang, Y., Clouston, S. A. P., Bromet, E. J., Luft, B. J., & Kotov, R. (2023). The role of personality in the mental and physical health of World Trade Center responders: Self- versus informant-reports. *Clinical Psychological Science*, 11, 1075-1089. <https://doi.org/10.1177/21677026221132552>
38. Song, J., Howe, E., **Oltmanns, J. R.**, & Fisher, A. J. (2023). Examining the concurrent and predictive validity of single items in ecological momentary assessments. *Assessment*, 30, 1662-1671. <https://doi.org/10.1177/10731911221113563>
37. Slavish, D. C., Ruggero, C. R., Briggs, M., Messman, B. A., Contractor, A. A., Miao, J., **Oltmanns, J. R.**, Waszczuk, M., Luft, B. J., & Kotov, R. (2023). Longitudinal associations between PTSD and sleep disturbances among World Trade Center responders. *Sleep Medicine*, 101, 269-277. <https://doi.org/10.1016/j.sleep.2022.11.021>

36. Rogers, A.H., Zvolensky, M.J., Vujanovic, A.A., Ruggero, C.J., **Oltmanns, J. R.**, Waszczuk, M.A., Luft, B.J., Kotov, R. (2022). Anxiety sensitivity and pain experience: A prospective investigation among World Trade Center responders. *Journal of Behavioral Medicine*, 45, 947-953. <https://doi.org/10.1007/s10865-022-00336-z>
35. McCabe, G., **Oltmanns, J. R.**, & Widiger, T. A. (2022). General factors of personality disorder, psychopathology, and personality. *Journal of Personality Disorders*, 36, 129-156. https://doi.org/10.1521/pedi_2021_35_530
34. Cieciuch, J., Lakuta, P., Strus, W., **Oltmanns, J. R.**, & Widiger, T. A. (2021). Assessment of personality disorder in the ICD-11 diagnostic system: Polish validation of the Personality Inventory for ICD-11. *Psychiatria Polska*, 247, 1-18. <https://doi.org/10.12740/PP/OnlineFirst/138563>
33. **Oltmanns, J. R.**, Schwartz, H. A., Ruggero, C., Son., Y., Miao, J., Waszczuk, M., Clouston, S. A. P., Bromet, E. J., Luft, B. J., & Kotov, R. (2021). Artificial intelligence language predictors of two-year trauma-related outcomes. *Journal of Psychiatric Research*, 143, 239-245. <https://doi.org/10.1016/j.jpsychires.2021.09.015>
32. **Oltmanns, J. R.**, & Widiger, T. A. (2021). Five-factor model personality disorder traits, health behaviors, health perceptions, and insomnia symptoms in older adults. *Journal of Personality Disorders*, 35, 801-818. https://doi.org/10.1521/pedi_2021_35_506
31. **Oltmanns, J. R.**, & Widiger, T. A. (2021). The self- and informant-report personality inventories for ICD-11: Agreement, structure, and relations with health, social, and satisfaction variables in older adults. *Psychological Assessment*, 33, 300-310. <https://doi.org/10.1037/pas0000982>
30. Gutierrez, F., Aluja, A., Ruiz-Rodriguez, J., Garcia, L. F., Garriz, M., Gutierrez-Zotes, J. A., Gallardo-Pujol, D., Navarro-Haro, M. V., Alabernia-Segura, M., Mestre-Pinto, J. I., Torrens, M., Peri, J. M., Sureda, B., Soler, J., Pascual, J. C., Vall, G., Calvo, N., Ferrer, M., **Oltmanns, J. R.**, & Widiger, T. A. (2021). Personality disorders in the ICD-11: Spanish validation of the PiCD and the SASPD in a mixed community and clinical sample. *Assessment*, 28, 759-772. <https://doi.org/10.1177/1073191120936357>
29. McCabe, G., **Oltmanns, J. R.**, & Widiger, T. A. (2021). Criterion A scales: Convergent, discriminant, and structural relationships. *Assessment*, 28, 813-828. <https://doi.org/10.1177/1073191120947160>
28. Widiger, T. A., & **Oltmanns, J. R.** (2021). Personality and personality disorders. In O. P. John & R. W. Robins (Eds.), *Handbook of personality: Theory and research*, 4th ed. (pp. 755-772). The Guilford Press.
27. Edershile, E. A., **Oltmanns, J. R.**, Widiger, T. A., Wright, A. G. C. (2021). Predicting fluctuation in narcissistic states: An examination of the g-FLUX scale. *Psychological Assessment*, 33, 60-70. <https://doi.org/10.1037/pas0000967>

26. **Oltmanns, J. R.** (2021). Personality Traits in the International Classification of Diseases 11th Revision (ICD-11). *Current Opinion in Psychiatry*, 34, 48-53.
<https://doi.org/10.1097/YCO.0000000000000656>
25. Widiger, T. A., **Oltmanns, J. R.**, McCabe, G. A., & Smith, M. (2020). The HEXACO model of personality structure: Compelling objections. *European Journal of Personality*, 34, 558-559.
24. Smith, G. T., Atkinson, E., Davis, H., Riley, E. N., & **Oltmanns, J. R.** (2020). The general factor of psychopathology. *Annual Review of Clinical Psychology*, 16, 75-98.
<https://doi.org/10.1146/annurev-clinpsy-071119-115848>
23. **Oltmanns, J. R.**, Jackson, J. J., & Oltmanns, T. F. (2020). Personality change: Longitudinal self-other agreement and convergence with retrospective-reports. *Journal of Personality and Social Psychology*, 118, 1065-1079. <https://doi.org/10.1037/pspp0000238>
22. Crego, C., **Oltmanns, J. R.**, & Widiger, T. A. (2020). Obtaining and losing the bipolarity of the five factor model through factor analysis. *Personality Disorders: Theory, Research, and Treatment*, 11, 119-130. <https://doi.org/10.1037/per0000378>
21. **Oltmanns, J. R.**, Rivera Rivera, J., Merchant, A., Cole, J., & Steiner, J. (2020). Personality psychopathology: Longitudinal prediction of change in BMI and weight post-bariatric surgery. *Health Psychology*, 39, 245-254. <https://doi.org/10.1037/hea0000842>
20. **Oltmanns, J. R.** & Widiger, T. A. (2020). The Five-Factor Personality Inventory for ICD-11: A facet-level assessment of the ICD-11 trait model. *Psychological Assessment*, 32, 60-71.
<https://doi.org/10.1037/pas0000763>
19. **Oltmanns, J. R.**, & Widiger, T. A. (2019). Evaluating the assessment of the ICD-11 personality disorder diagnostic system. *Psychological Assessment*, 31, 674-684.
<https://doi.org/10.1037/pas0000693>
18. Cruitt, P. J., Boudreaux, M. J., King, H. R., **Oltmanns, J. R.**, & Oltmanns, T. F. (2019). Examining Criterion A: DSM-5 level of personality functioning as assessed through life story interviews. *Personality Disorders: Theory, Research, and Treatment*, 10, 224-234.
<https://doi.org/10.1037/per0000321>
17. **Oltmanns, J. R.**, & Widiger, T. A. (2018). Assessment of fluctuation between grandiose and vulnerable narcissism: Development and initial validation of the FLUX scales. *Psychological Assessment*, 30, 1612-1634. <https://doi.org/10.1037/pas0000616>
16. Widiger, T. A., & **Oltmanns, J. R.** (2018). Exploring the dynamics of the five-factor model. *European Journal of Personality*, 32, 591-592. <https://doi.org/10.1002/per.2174>
15. **Oltmanns, J. R.**, & Widiger, T. A. (2018). Maladaptive variants of adaptive traits and bloated specific factors. *Journal of Research in Personality*, 76, 177-185.
<https://doi.org/10.1016/j.jrp.2018.08.006>

14. **Oltmanns, J. R.**, Smith, G. T., Oltmanns, T. F., & Widiger, T. A. (2018). General factors of psychopathology, personality, and personality disorder: Across domain comparisons. *Clinical Psychological Science*, 6, 581-589. <https://doi.org/10.1177/2167702617750150>
13. **Oltmanns, J. R.**, & Widiger, T. A. (2018). A self-report measure for the ICD-11 dimensional trait model proposal: The Personality Inventory for ICD-11. *Psychological Assessment*, 30, 154-169. <https://doi.org/10.1037/pas0000459>
12. Crego, C., **Oltmanns, J. R.**, & Widiger, T. A. (2018). FFMPD Scales: Comparisons to the FFM, PID-5, and CAT-PD-SF. *Psychological Assessment*, 30, 62-73. <https://doi.org/10.1037/pas0000495>
11. **Oltmanns, J. R.**, Crego, C., & Widiger, T. A. (2018). Informant assessment: The Informant Five-Factor Narcissism Inventory. *Psychological Assessment*, 30, 31-42. <https://doi.org/10.1037/pas0000487>
10. Widiger, T. A., Crego, C., Rojas, S. L., & **Oltmanns, J. R.** (2018). Basic personality model. *Current Opinion in Psychology*, 21, 18-22. <https://doi.org/10.1016/j.copsyc.2017.09.007>
9. **Oltmanns, J. R.**, Markey, P. M., & French, J. E. (2017). Dissimilarity in physical attractiveness within romantic dyads and mate retention behaviors. *Journal of Social and Personal Relationships*, 34, 565-577. <https://doi.org/10.1177/0265407516647203>
8. Widiger, T. A., & **Oltmanns, J. R.** (2017). Neuroticism is a fundamental domain of personality with enormous public health implications. *World Psychiatry*, 16, 144-145. <https://doi.org/10.1002/wps.20411>
7. Widiger, T. A., & **Oltmanns, J. R.** (2017). The general factor of psychopathology and personality. *Clinical Psychological Science*, 5, 182-183. <https://doi.org/10.1177/2167702616657042>
6. **Oltmanns, J. R.**, DeShong, H. L., Sanders, C. A., & Kurtz, J. E. (2016). Validation of the five-factor model personality disorder prototype counts with the Personality Assessment Inventory. *Journal of Psychopathology and Behavioral Assessment*, 38, 590-599. <https://doi.org/10.1007/s10862-016-9549-7>
5. Widiger, T.A., & **Oltmanns, J. R.** (2016). The ICD-11 proposals and field trials. *Personality and Mental Health*, 10, 120-122. <https://doi.org/10.1002/pmh.1341>
4. **Oltmanns, J. R.**, & Widiger, T. A. (2016). Self-pathology, the five-factor model, and bloated specific factors: A cautionary tale. *Journal of Abnormal Psychology*, 125, 423-434. <https://doi.org/10.1037/abn0000144>
3. Widiger, T. A., Crego, C., & **Oltmanns, J. R.** (2015). The validation of a classification of psychopathology. *Psychological Inquiry*, 26, 272-278. <https://doi.org/10.1080/1047840X.2015.1038211>

2. **Oltmanns, J. R.**, & Oltmanns, T. F. (2015). Borderline personality pathology, polysomnography, and self-reported sleep disturbance: A review. *Current Sleep Medicine Reports*, *1*, 141-149. <https://doi.org/10.1007/s40675-015-0011-2>
1. **Oltmanns, J. R.**, Weinstein, Y., & Oltmanns, T. F. (2014). Borderline personality pathology and insomnia symptoms in community-dwelling older adults. *Personality and Mental Health*, *8*, 178-187. <https://doi.org/10.1002/pmh.1259>

Peer-Reviewed Conference Proceedings

* = student mentored by Oltmanns, J. R., # = student co-mentored by Oltmanns, J. R.

1. * Li, T., Yang, S., Wu, J., Wei, J., Hu, L., Li, M., Wong, D. F., **Oltmanns, J. R.**, & Wang, D. (2025). Can large language models identify implicit suicidal ideation? An empirical evaluation. *Findings of the Association for Computational Linguistics: EMNLP 2025* (pp. 18392-18413). Association for Computational Linguistics.

Book Chapters and Other Papers

* = student mentored by Oltmanns, J. R., # = student co-mentored by Oltmanns, J. R.

9. **Oltmanns, J. R.**, * Mathur, M., & * Arguello, I. (in press). *DSM-5 Section II, DSM-5 Section III Alternative Model of Personality Disorders, and ICD-11 assessment of borderline personality disorder*. In S. E. Sauer-Zavala & M. W. Southward (Eds.), *The Oxford handbook of borderline personality disorder*. Oxford University Press.
8. Widiger, T. A., Hines, A., & **Oltmanns, J. R.** (in press). Co-development and evolution of DSM and ICD. In R. F. Krueger and C. Conway (Eds.), *The Oxford handbook of dimensional models of psychopathology*. Oxford University Press.
7. Widiger, T.A., **Oltmanns, J. R.**, McCabe, G., & Smith, M. (in press). An integration of normal and abnormal personality structure: The five factor model. In T. A. Widiger (Ed.), *The Oxford handbook of personality disorders*. Oxford University Press.
6. **Oltmanns, J. R.**, & Oltmanns, T. F. (2021). Self–other agreement on ratings of personality disorder symptoms and traits: Three meta-analyses. In T. D. Letzring and J. S. Spain (Eds.), *The handbook of accurate personality judgment: Theory and empirical findings* (276-293). Oxford University Press. <http://dx.doi.org/10.1093/oxfordhb/9780190912529.013.19>
5. **Oltmanns, J. R.** (2019). Personality disorders, maladaptive personality traits, and sleep problems: Findings and future directions. In Z. Krizan (Ed.), *Sleep, personality, and social behavior* (239-254). Springer Nature. https://doi.org/10.1007/978-3-030-30628-1_13

4. Widiger, T. A., & **Oltmanns, J. R.** (2019). Five-factor model antagonism. In J. D. Miller and D. R. Lynam (Eds.), *Handbook of antagonism* (25-37). San Diego, CA: Academic Press. <https://doi.org/10.1016/B978-0-12-814627-9.00002-5>
3. **Oltmanns, J. R.**, & Carlson, C. R. (2018). Effective behavioral treatment for sleep in orofacial pain patients. *Dental Sleep Practice, Fall 2018*, 47-49.
2. Widiger, T. A., Gore, W. L., Crego, C., Rojas, S. L., & **Oltmanns, J. R.** (2017). Five-factor model and personality disorder. In T. A. Widiger (Ed.), *The Oxford handbook of the five-factor model*. Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780199352487.013.4>
1. Widiger, T. A. & **Oltmanns, J. R.** (2017). Alternative DSM-5 model for personality disorders. In A. Wenzel (Ed.), *The SAGE encyclopedia of abnormal and clinical psychology* (139-142). Thousand Oaks, CA: SAGE Publications. <https://doi.org/10.4135/9781483365817.n56>

Under review/Pre-prints

- * = student mentored by **Oltmanns, J. R.**, # = student co-mentored by **Oltmanns, J. R.**
- * Do, T., * Li, T., Gupta, M., & **Oltmanns, J. R.** (pre-print). Black and white older adults and language-based AI modeling of personality from life narrative interviews. https://osf.io/preprints/psyarxiv/hqj67_v1
- * Li, T., Hussain, R., Gupta, M., & **Oltmanns, J. R.** (pre-print). “Mirror” language AI models of depression are criterion contaminated. *arXiv preprint arXiv:2508.05830v1*
- * Li, T., Bolor, A., Mojaver, M. R., Ramirez, A., Jacobs, N., & **Oltmanns, J. R.** (pre-print). TriModal Persona: Leveraging text, audio, and video for Big Five personality scoring in psychological interviews. <https://doi.org/10.13140/RG.2.2.20155.53285>
- # Hussain, R., Ma, J., # Khandelwal, R., **Oltmanns, J. R.**, & Gupta, M. (pre-print). Language-based personality assessment from life narratives: A focus on model interpretability and efficiency. *arXiv preprint arXiv:2506.19258v1*
- Oltmanns, J. R.**, Schwartz, H. A., Ruggero, C., Son., Y., Vu, H., Gill, G., Miao, J., Waszczuk, M., Clouston, S. A. P., Bromet, E. J., Luft, B. J., & Kotov, R. (pre-print). Incremental validity of language-based personality assessments in World Trade Center responders. <https://doi.org/10.31234/osf.io/7graf>

RESEARCH PRESENTATIONS

Conference Talks

- * = student mentored by **Oltmanns, J. R.**, # = student co-mentored by **Oltmanns, J. R.**

19. **Oltmanns, J. R.** (2026, July). Multimodal LLM-based personality assessment: Incorporating text, audio, and video from life narrative interviews. Talk to be presented at the biennial meeting of the *European Conference on Personality*. Edinburgh, Scotland.
18. **Oltmanns, J. R.** (2025, December). Language-based AI modeling of personality and pathology from life narrative interviews. Talk presented at the Thirty-Ninth Annual *Conference on Neural Information Processing Systems*. Mexico City, MX.
17. **Oltmanns, J. R., # Khandelwal, R., Ma, J., * Brickman, J., * Do, T., # Hussain, R., & Gupta, M.** (2025, November). Language-based AI modeling of personality pathology from life narrative interviews. Talk presented at the biennial meeting of the *International Society for the Study of Personality Disorders*. Boston, MA.
16. **Oltmanns, J. R., # Khandelwal, R., Ma, J., * Brickman, J., * Do, T., # Hussain, R., & Gupta, M.** (2025, June). Language-based AI assessment of personality from life narrative interviews. Talk presented at the biennial meeting of the *Association for Research in Personality*. Evanston, IL.
15. **Oltmanns, J. R., # Khandelwal, R., Ma, J., * Brickman, J., * Do, T., # Hussain, R., & Gupta, M.** (2025, February). Language-based AI assessment for personality disorder science and practice. Talk presented at the annual meeting of the *Society for Personality and Social Psychology*, Denver, CO.
14. **Oltmanns, J. R., & Widiger, T. A.** (2023, March). The self- and informant-Personality Inventories for ICD-11: Agreement, structure, and relations with health, social, and satisfaction variables in older adults. Talk presented at the annual meeting of the *Society for Personality Assessment*, Austin, TX.
13. **Oltmanns, J. R., Ruggero, C., Miao, J., Waszczuk, M., * Yang, Y., Clouston, S. A. P., Bromet, E. J., Luft, B. J., & Kotov, R.** (2023, February). The role of personality in the mental and physical health of World Trade Center responders: Self- versus informant-reports. Talk presented at the Personality Science preconference for the annual meeting of the *Society for Personality and Social Psychology*, Atlanta, GA.
12. **Emerging Scholar Symposium.** (2021, July). Panel discussion Q&A with three other award winners. *Association for Research in Personality*. Virtual.
11. **Oltmanns, J. R., & Widiger, T. A.** (2020, May). [Conference canceled]. Multi-method assessment, composition, and health correlates of the general factors of personality and personality disorder. Talk accepted at the annual meeting of the *Association for Psychological Science*, Chicago, IL.
10. **Oltmanns, J. R., & Widiger, T. A.** (2020, February). A longitudinal investigation of maladaptive personality traits in the prediction of physical health in older adults. Talk presented at the Lifespan Personality preconference for the annual meeting of the *Society for Personality and Social Psychology*, New Orleans, LA.

9. **Oltmanns, J. R.**, & Widiger, T. A. (2019, June). Assessment of fluctuation between grandiose and vulnerable narcissism: Development and initial validation of the FLUX scales. Talk presented at the annual meeting of the *Society for Interpersonal Theory and Research*, Grand Rapids, MI.
8. **Oltmanns, J. R.**, & Widiger, T. A. (2019, April). General factors of psychopathology, personality, and personality disorder: Across-domain comparisons. Talk presented at the annual meeting of the *North American Society for the Study of Personality Disorders*, Pittsburgh, PA.
7. **Oltmanns, J. R.**, & Widiger, T. A. (2019, March). General factors of psychopathology, personality, and personality disorder: Across-domain comparisons. Talk presented at the biennial meeting of the *International Convention of Psychological Science*, Paris, France.
6. **Oltmanns, J. R.**, & Widiger, T. A. (2019, February). Assessment of fluctuation between grandiose and vulnerable narcissism: Development and initial validation of the FLUX scales. Talk presented at the annual meeting of the *Society for Personality and Social Psychology*, Portland, OR.
5. Widiger, T. A. (2018, May). [Talk presented by **J.R.O.** on behalf of T.A.W.]. Personality dysfunction: Criterion A and Criterion B. Talk presented at the annual meeting of the *Association for Psychological Science*, San Francisco, CA.
4. **Oltmanns, J. R.**, Jackson, J. J., & Oltmanns, T. F. (2018, March). Retrospective self- and informant-reports of personality change. Talk presented at the annual meeting of the *Society for Personality and Social Psychology*, Atlanta, GA.
3. **Oltmanns, J. R.**, & Widiger, T. A. (2017, September). A self-report measure for the ICD-11 personality disorder proposal: The Personality Inventory for ICD-11. Talk presented at the biennial meeting of the *International Society for the Study of Personality Disorders*, Heidelberg, Germany.
2. **Oltmanns, J. R.**, & Widiger, T. A. (2016, March). Self-pathology and the FFM: Investigation of bloated specific factors. Talk presented at the annual meeting of the *Society for Personality Assessment*, Chicago, IL.
1. **Oltmanns, J. R.**, Carlson, E. N., & Oltmanns, T. F. (2015, June). Metaperceptions of personality in relationships and prediction of partner satisfaction, social functioning, and general health. Talk presented at the biennial meeting of the *Association for Research in Personality*, St. Louis, MO.

Invited Talks

2. **Oltmanns, J. R.** (2025, August 27th). Developing AI for psychological assessment. Talk invited by the Department of Statistics and Data Science at Washington University in St. Louis. St. Louis, MO.

1. **Oltmanns, J. R.** (2024, March 26th). Developing AI for psychological assessment. Talk invited by the Department of Psychology and Special Education and presented to a multidisciplinary audience at the Department of Nursing, East Texas A&M University. Commerce, TX.

Student Conference Talks

* = student mentored by **Oltmanns, J. R.**, # = student co-mentored by **Oltmanns, J. R.**

3. * Li, T., # Hussain, R., Gupta, M., & **Oltmanns, J. R.** (2025, July). Mirrored versus non-mirrored language AI models of depression. Talk presented virtually at the 16th meeting of the *European Conference on Psychological Assessment*. Barcelona, Spain.
2. * Mays, A. M., & **Oltmanns, J. R.** (2024, November). Understanding low agreeableness and antagonism through natural language in clinical interviews. Talk presented at the annual meeting of the *Association for Behavioral and Cognitive Therapies*, Philadelphia, PA.
1. * Heragu, P., & **Oltmanns, J. R.** (2024, April). Longitudinal measurement invariance of the Personality Inventory for ICD-11 across Black and White American older adults. Talk presented at the biennial meeting of the *World Conference on Personality*, Willemstad, Curaçao.

Student Poster Presentations

* = student mentored by **Oltmanns, J. R.**

9. * Do, T., * Li, T., Lott, A., & **Oltmanns, J. R.** (2025, September). Predicting PTSD from life interview language of African American women. Poster presented at the annual meeting of the *Society for Research in Psychopathology*. Los Angeles, CA.
8. * Heragu, P., Mekawi, Y., & **Oltmanns, J. R.** (2025, September). Measurement invariance of the Informant Personality Inventory for the ICD-11 across Black and White adults. Poster presented at the annual meeting of the *Society for Research in Psychopathology*. Los Angeles, CA.
7. * Do, T., Gupta, M., & **Oltmanns, J. R.** (2025, June). Exploring racial differences in language-based AI personality assessment. Poster presented at the biennial meeting of the *Association for Research in Personality*. Evanston, IL.
6. * Do, T., Lott, A., & **Oltmanns, J. R.** (2025, May). Predicting PTSD from life narrative interview language of African American women. Poster presented at the annual meeting of the *Association for Psychological Science*. Washington, D.C.
5. * Mays, A., * Mills, C., & **Oltmanns, J. R.** (2023, September). Test-retest reliability and predictive validity of the self- and informant-Personality Inventories for ICD-11 in older adults. Poster presented at the *Society for Research in Psychopathology*, St. Louis, MO.

4. * Brickman, J., & **Oltmanns, J. R.** (2023, July). Language modeling of personality traits from life narrative interviews with community older adults. Poster presented at the biennial meeting of the *Association for Research in Personality*, Evanston, IL.
3. * Khudari, C., **Oltmanns, J. R.**, Ruggero, C., & Kotov, R. (2023, April). Personality change across four years in World Trade Center responders. Poster accepted at the *Society for Personality Assessment*, Austin, TX.
2. * Yang, Y., **Oltmanns, J. R.**, Ruggero, C., & Kotov, R. (2022, May). A cross-lagged panel study: Post-traumatic stress symptoms and social functioning in World Trade Center responders. Poster accepted at the *Association for Psychological Science*, Chicago, IL.
1. * Khudari, C., **Oltmanns, J. R.**, Ruggero, C., & Kotov, R. (2022, April). Big Five facets and panic-related symptoms across three years in World Trade Center responders. Poster presented at the *North American Society for the Study of Personality Disorders*. Virtual conference.

PROFESSIONAL SERVICE

2024 – present	Associate Editor, <i>Assessment</i>
2022 – present	Editorial Board, <i>Psychological Assessment</i>
2021 – present	Editorial Board, <i>Personality Disorders: Theory, Research, and Treatment</i>
2021 – 2023	Editorial Board, <i>Assessment</i>
Ad-hoc Reviewer	<i>American Psychologist, Psychological Science, Journal of Psychopathology and Clinical Science, Transactions on Affective Computing, Clinical Psychological Science, Journal of Personality, Psychological Medicine, Health Psychology, Clinical Psychology Review, Perspectives on Psychological Science, European Journal of Personality, Journal of Personality Disorders, Journal of Personality Assessment, Journal of Medical Internet Research, Journal of Research in Personality, Psychology and Aging, Personality and Mental Health, Social and Personality Psychology Compass, BMC Psychiatry, Journal of Traumatic Stress, Journal of Clinical Psychology, Frontiers in Psychology, SLEEP, Neuropsychopharmacology, Surgery for Obesity and Related Diseases, International Journal of Eating Disorders, Child Development, Scientific Reports; (Web of Science)</i>
Grant Reviewer 2025-2026	<i>Polish-U.S. Fulbright Commission</i> Co-Editor, Special Issue on “Artificial Intelligence and Clinical Assessment,” <i>Assessment</i>
 Committees	
2023 – 2024	Diversity Committee, Department of Psychology, Southern Methodist University
2022 – 2023	Diversity Advisory Committee, School of Psychology, Xavier University
2022 – 2023	Undergraduate Assessment Committee, School of Psychology, Xavier University
2020 – 2022	Associate Members’ Diversity, Equity, and Inclusion (DEI) Task Force, <i>Society for Research in Psychopathology</i>

PROFESSIONAL MEMBERSHIPS

Association for Psychological Science
Association for Research in Personality
Society for Research in Psychopathology

STUDENT THESES AND DISSERTATIONS

Primary Advisor

Doctoral Dissertations:

3. Cameron Mills, Xavier University (2026). "Modeling PTSD Symptoms with Natural Language"
2. Megan Mathur, Xavier University (2026). "A Natural Language Model of Borderline Personality Traits"
1. Anton Mays, Xavier University (2025). "Understanding Low Agreeableness Through Natural Language Processing"

Master's Theses:

1. Tu Do, Washington University in St. Louis (2026). "Black and White Older Adults and Language-Based AI Modeling of Personality"

TEACHING EXPERIENCE

August 2024 – present

Instructor

Department of Psychological & Brain Sciences
 Washington University in St. Louis

Graduate

Psych 8113 Clinical Science: Psychological Assessment

Undergraduate

Psych 3540 Psychopathology and Mental Health

January 2024 – May 2024

Instructor

Department of Psychology
 Southern Methodist University

Undergraduate

PSYC 2351 Psychopathology

August 2022 – May 2023

Instructor

School of Psychology
 Xavier University

Graduate

PSYC 585 Assessment II: Personality

Undergraduate PSYC 621 Research Design and Analysis I
 PSYC 277 Psychological Disorders
August 2014 – May 2017 **Lab Instructor**
 Department of Psychology
 University of Kentucky

Undergraduate: PSY 216 Introductory Statistics.
 PSY 430 Personality Research.
 PSY 215 Experimental Design.
 PSY 100 Introduction to Psychology.

CLINICAL EXPERIENCE

September 2022 – present **Clinical Psychologist**
 Private Practice

July 2018 – June 2020 **Intern**
 University of Kentucky Internship Consortium
 Lexington, KY

Clinical Rotations:
 University of Kentucky Counseling Center
 Eastern State Hospital
 Center for the Advancement of Women’s Health
 Orofacial Pain Center

July 2015 – June 2018 **Therapist**
 Jesse G. Harris, Jr. Psychological Services Center
 University of Kentucky, Department of Psychology
 Lexington, KY

August 2017 – June 2018 **Resident**
 Bluegrass Health Psychology
 Lexington, KY

July 2015 – June 2016 **Resident**
 Orofacial Pain Center
 University of Kentucky - Kentucky Clinic
 Lexington, KY

January 2016 – March 2016 **Co-Leader, Healthy Relationships Group**
 The Salvation Army
 Lexington, KY

MEDIA CITATIONS

The Common Reader (2025, October 8). Your therapist could use some help. Retrieved from <https://commonreader.wustl.edu/your-therapist-could-use-some-help/>

The Ampersand (2025, September 1). What do our words say about our minds? Josh Oltmanns is working to harness AI to find psychological traits hidden in language. Retrieved from <https://artsci.washu.edu/ampersand/what-do-our-words-say-about-our-minds>

Psychology Today (2018, February 6). The Ultimate Guide to Identifying a Narcissist. Retrieved from <https://www.psychologytoday.com/us/blog/fulfillment-any-age/201802/the-ultimate-guide-identifying-narcissist>

Elite Daily (2016, August 31). You Won't Be Nice to Your Partner If You Think They're Uglier Than You, Science Says. Retrieved from <https://www.elitedaily.com/dating/uglier-partner-science/1597325>

Psychology Today (2016, August 31). When You're in Love, Should You Watch Out for Rivals? Retrieved from <https://www.psychologytoday.com/us/blog/attraction-evolved/201608/when-youre-in-love-should-you-watch-out-rivals>