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APPOINTMENTS

Department of Psychology, School of Behavioral and Brain Sciences, University of Texas at Dallas
Assistant Professor (2024–)

Department of Computer Science, Stony Brook University
Associate Research Professor / Principal Research Scientist (2023–2024)

Behavioral Science Lab & Threat Research Lab, ByteDance / TikTok
Computational Social Scientist (2022–2023)

Department of Psychology / Data Science Institute / Security Lancaster, Lancaster University
Assistant Professor of Behavioral Analytics (2019–2022)

Adaptive Systems and Interaction Research Group, Microsoft Research
Visiting Scholar (2018)

HLAB, Department of Computer Science, Stony Brook University
Visiting Scholar (2018)

Department of Psychology, University of Texas at Austin
Postdoctoral Fellow, Researcher (2017–2019)

EDUCATION

Doctor of Philosophy, Social Psychology & Personality Psychology
University of Texas at Austin (2017)
Dissertation: The Multifaceted Measurement of the Individual through Language
Committee: James W. Pennebaker (chair), Samuel D. Gosling, William B. Swann, Matthew Lease

Master of Science, Social Psychology & Health Psychology
North Dakota State University (2012)
Thesis: To be or not to be: An empirical test of English Prime as theory
Committee: Michael D. Robinson (chair), Keith Donohue, Clay Routledge, Stephenson Beck

Bachelor of Arts, Psychology
Indiana University–Purdue University Ft. Wayne (2010)
Advisor: Michelle Drouin

RESEARCH
FUNDING &
GRANTS

Centre for Research and Evidence on Security Threats (CREST)
Funder: Economic and Social Research Council (ESRC ES/V002775/1)
Amount: GBP £5.4M (~$7.3M USD); Co-Investigator (2020–2022)

News media and shared representations: The development and validation of an automated approach to the detection of linguistic bias
Funder: Social Sciences and Humanities Research Council, Insight Development Grant (SSHRC-IDG 430-2020-00212)
Amount: $64,848 CAD (~$52,000 USD); Collaborating Investigator (2020–2023)

Computational social science: Social data bias
Funders: Alan Turing Institute, UK Defence Science and Technology Laboratory
Amount: GBP £132,530 (~$183,687 USD); Co-Investigator (2021–2022)

The language of the COVID-19 pandemic: Investigating official communication and its relations with collective and individual emotions
Funder: Swiss National Science Foundation (Project ID: #196255)
Amount: CHF 187'453 (~$192,800 USD); Co-Principal Investigator (2020–2022)

Arc of Narrative Method (AON) used to advance strategies used in intelligence interviewing and interrogation
Funder: Federal Bureau of Investigation (DJF-15F06718C0002523)
Amount: $840,104 USD; Co-Investigator (2018–2020)

Analyzing the short- and long-term psychological effects of a large teaching intervention protocol
Funder: Texas Christian University
Amount: $3,000 USD; Collaborating Consultant (2017)

Psychological trends, patterns, and properties of the OK2Talk community
Funder: National Alliance on Mental Illness (NAMI)
Amount: $2,000 USD; Collaborating Consultant (2016)

Recognized Scholar Award
Funder: Association for Psychological Science
Amount: $500 USD; Recipient (2016)

The theory and practice of machine learning in psychology
Funder: Society of Multivariate Experimental Psychology
Amount: $1,500 USD; Recipient (2016)

Research Fellowship Award
Funder: The University of Texas at Austin
Amount: $2,500 USD; Recipient (2016)

Professional Development Scholarship
Funder: The University of Texas at Austin
Amount: $500 USD; Recipient (2015)

Graduate Scholar Travel Award
Funder: Society for Personality and Social Psychology
Amount: $500 USD; Recipient (2015)

PUBLICATIONS

Books & Edited Volumes

001. Dehghani, M., & Boyd, R. L. (Eds.). (2022). *Handbook of language analysis in psychology*. The Guilford Press.

Peer-Reviewed Journal Articles

002. Boyd, R. L., & Markowitz, D. M. (in press). Verbal behavior and the future of social science. *American Psychologist*.

003. Mihalcea, R., Biester, L., Boyd, R. L., Jin, Z., Pérez-Rosas, V., Wilson, S., & Pennebaker, J. W. (in press). How developments in natural language processing help us understand human behavior. *Nature Human Behaviour*.

004. Fetterman, A. K., Evans, N. D., Ravey, E. P., Henderson, P. R., Tran, B. H. L., & Boyd, R. L. (in press). The topics of nostalgic recall: The benefits of nostalgia depend on the topics that one recalls. *Social Psychological and Personality Science*.

005. Markowitz, D. M., Boyd, R. L., & Blackburn, K. (2024). From silicon to solutions: AI's impending impact on research and discovery. *Frontiers in Social Psychology: Computational Social Science, 2*, 1–14. https://doi.org/10.3389/frsps.2024.1392128

006. Dworakowski, O., Meier, T., Mehl, M. R., Pennebaker, J. W., Boyd, R. L., & Horn, A. B. (2024). Comparing the language style of heads of state in the US, UK, Germany and Switzerland during COVID-19. *Scientific Reports, 14*(1), 1708. https://doi.org/10.1038/s41598-024-51362-7

007. Stanton, A. M., Boyd, R. L., O'Cleirigh, C., Olivier, S., Dolotina, B., Gunda, R., Koole, O., Gareta, D., Modise, T. H., Reynolds, Z., Khoza, T., Herbst, K., Ndung'u, T., Hanekom, W. A., Wong, E. B., Pillay, D., Siedner, M. J., & Team, for the V. S. (2024). HIV, multimorbidity, and health-related quality of life in rural KwaZulu-Natal, South Africa: A population-based study. *PLOS ONE, 19*(2), e0293963. https://doi.org/10.1371/journal.pone.0293963

008. Date, S., Deshmukh, S. N., Boyd, R., Ashokkumar, A., & Pennebaker, J. W. (2024). Designing of a novel framework for Marathi natural language processing: MR-LIWC2015. *International Journal of Intelligent Systems and Applications in Engineering, 12*(11s), 1–14. Retrieved from https://www.ijisae.org/index.php/IJISAE/article/view/4414

009. Entwistle, C., Horn, A. B., Meier, T., Hoemann, K., Miano, A., & Boyd, R. L. (2023). Natural emotion vocabularies and borderline personality disorder. *Journal of Affective Disorders Reports, 14*, 100647. https://doi.org/10.1016/j.jadr.2023.100647

010. Jagfeld, G., Lobban, F., Davies, R., Boyd, R. L., Rayson, P., & Jones, S. (2023). Posting patterns in peer online support forums and their associations with emotions and mood in bipolar disorder: Exploratory analysis. *PLOS ONE, 18*(9), e0291369. https://doi.org/10.1371/journal.pone.0291369

011. Ravey, E. P., Boyd, R. L., & Fetterman, A. K. (2023). The New Testament vs. The Quran: Americans' beliefs about the content of Muslim and Christian holy texts. *Journal of Language and Social Psychology, 42*(4), 373–406. https://doi.org/10.1177/0261927X231176822

012. Entwistle, C., & Boyd, R. L. (2023). Uncovering the social-cognitive contributors to social dysfunction in borderline personality disorder through language analysis. *Journal of Personality Disorders, 37*(4), 444–455. https://doi.org/10.1521/pedi.2023.37.4.444

013. Hoemann, K., Lee, Y., Kuppens, P., Gendron, M., & Boyd, R. L. (2023). Emotional granularity is associated with daily experiential diversity. *Affective Science, 4*(2), 291–306. https://doi.org/10.1007/s42761-023-00185-2

014. Drouin, M., Hernandez, E., Machette, A., Garcia, J. R., & Boyd, R. L. (2023). An exploration of marks/injuries related to BDSM sexual experiences. *Sexual Medicine, 11*(3), qfad020. https://doi.org/10.1093/sexmed/qfad020

015. Dworakowski, O., Boyd, R. L., Meier, T., Kuppens, P., Mehl, M. R., Nussbeck, F. W., & Horn, A. B. (2023). Twitter language samples reflect collective emotional responses following political leaders' rhetoric during the pandemic across four countries. *Psychology of Language and Communication, 27*(1), 350–383. https://doi.org/10.58734/plc-2023-0017

016. Whisenhunt Saar, K., Saar, M., Bellon-Harn, M., Harn, W., Boyd, R., & Manchaiah, V. (2023). Upvote or downvote ABA for autism? Content and support in Reddit posts. *Journal of Consumer Health on the Internet, 27*(2), 119–138. https://doi.org/10.1080/15398285.2023.2193932

017. Markowitz, D. M., Kouchaki, M., Gino, F., Hancock, J. T., & Boyd, R. L. (2023). Authentic first impressions relate to interpersonal, social, and entrepreneurial success. *Social Psychological and Personality Science, 14*(2), 107–116. https://doi.org/10.1177/19485506221086138

018. Manchaiah, V., Londero, A., Deshpande, A. K., Revel, M., Palacios, G., Boyd, R. L., & Ratinaud, P. (2022). Online discussions about tinnitus: What can we learn from natural language processing of Reddit posts? *American Journal of Audiology, 31*(3S), 993–1002. https://doi.org/10.1044/2021_AJA-21-00158

019. Dworakowski, O., Huber, Z. M., Meier, T., Boyd, R. L., Martin, M., & Horn, A. B. (2022). You do not have to get through this alone: Interpersonal emotion regulation and psychosocial resources during the COVID-19 pandemic across four countries. *International Journal of Environmental Research and Public Health, 19*(23), 15699. https://doi.org/10.3390/ijerph192315699

020. Bellon-Harn, M. L., Boyd, R. L., & Manchaiah, V. (2022). Applied behavior analysis as treatment for autism spectrum disorders: Topic modeling and linguistic analysis of Reddit posts. *Frontiers in Rehabilitation Sciences, 2*(682533), 1–10. https://doi.org/10.3389/fresc.2021.682533

021. Dworakowski, O., Huber, Z. M., Meier, T., Boyd, R. L., & Horn, A. B. (2022). Emotion regulation across the lifespan: Age differences in intrapersonal and interpersonal strategies for the adjustment to the COVID-19 pandemic in four countries. *Aging & Mental Health, 26(*10), 2048–2053. https://doi.org/10.1080/13607863.2021.1972933

022. Gregson, R., Piazza, J., & Boyd, R. L. (2022). 'Against the cult of veganism': Unpacking the social psychology and ideology of anti-vegans. *Appetite, 178*, 106143. https://doi.org/10.1016/j.appet.2022.106143

023. Lanning, K., Warfel, E. A., Wetherell, G., Perez, M., Boyd, R., & Condon, D. M. (2022). The personality of American nations: An exploratory study. *Personality Science, 3*, 1–36. https://doi.org/10.5964/ps.7811

024. LeFebvre, L., Parsons, M., Entwistle, C., Boyd, R., & Allen, M. (2022). Rethinking PowerPoint slide design for multimedia learning. *Journal of Educational Technology Systems, 50*(4), 503–520. https://doi.org/10.1177/00472395221077628

025. Manchaiah, V., Andersson, G., Fagelson, M. A., Boyd, R. L., & Beukes, E. W. (2022). Use of open-ended questionnaires to examine the effects of tinnitus and its relation to patient-reported outcome measures. *International Journal of Audiology, 61*(7), 592–599. https://doi.org/10.1080/14992027.2021.1995790

026. Manchaiah, V., Londero, A., Deshpande, A. K., Revel, M., Palacios, G., Boyd, R. L., & Ratinaud, P. (2022). Online discussions about tinnitus: What can we learn from natural language processing of Reddit posts? *American Journal of Audiology, 31*(3S), 993–1002. https://doi.org/10.1044/2021_AJA-21-00158

027. Saha, K., Yousuf, A., Boyd, R. L., Pennebaker, J. W., & De Choudhury, M. (2022). Social media discussions predict mental health consultations on college campuses. *Scientific Reports, 12*(1), 123. https://doi.org/10.1038/s41598-021-03423-4

028. Ta, V. P., Boyd, R. L., Seraj, S., Keller, A., Griffith, C., Loggarakis, A., & Medema, L. (2022). An inclusive, real-world investigation of persuasion in language and verbal behavior. *Journal of Computational Social Science, 5*(1), 883–903. https://doi.org/10.1007/s42001-021-00153-5

029. Boyd, R. L., & Schwartz, H. A. (2021). Natural language analysis and the psychology of verbal behavior: The past, present, and future states of the field. *Journal of Language and Social Psychology, 40*(1), 21–41. https://doi.org/10.1177/0261927X20967028

030. Burdick, L., Mihalcea, R., Boyd, R. L., & Pennebaker, J. W. (2021). Analyzing connections between user attributes, images, and text. *Cognitive Computation, 13*(2), 241–260. https://doi.org/10.1007/s12559-019-09695-3

031. Currin-McCulloch, J., Stanton, A., Boyd, R., Neaves, M., & Jones, B. (2021). Understanding breast cancer survivors' information-seeking behaviours and overall experiences: A comparison of themes derived from social media posts and focus groups. *Psychology & Health, 36*(7), 810–827. https://doi.org/10.1080/08870446.2020.1792903

032. Entwistle, C., Horn, A. B., Meier, T., & Boyd, R. L. (2021). Dirty laundry: The nature and substance of seeking relationship help from strangers online. *Journal of Social and Personal Relationships, 38*(12), 3472–3496. https://doi.org/10.1177/02654075211046635

033. Lanning, K., Wetherell, G., Warfel, E. A., & Boyd, R. L. (2021). Changing channels? A comparison of Fox and MSNBC in 2012, 2016, and 2020. *Analyses of Social Issues and Public Policy, 21*(1), 149–174. https://doi.org/10.1111/asap.12265

034. Manchaiah, V., Deshpande, A. K., Bellon-Harn, M. L., & Boyd, R. L. (2021). Sudden sensorineural hearing loss: What can we learn from examining Reddit posts? *The Journal of Laryngology & Otology, 135*(12), 1109–1113. https://doi.org/10.1017/S0022215121003042

035. Meier, T., Boyd, R. L., Mehl, M. R., Milek, A., Pennebaker, J. W., Martin, M., Wolf, M., & Horn, A. B. (2021). (Not) Lost in translation: Psychological adaptation occurs during speech translation. *Social Psychological and Personality Science, 12*(1), 131–142. https://doi.org/10.1177/1948550619899258

036. Stachl, C., Boyd, R. L., Horstmann, K. T., Khambatta, P., Matz, S. C., & Harari, G. M. (2021). *Computational personality assessment. Personality Science, 2*, 1–22. https://doi.org/10.5964/ps.6115

037. Boyd, R. L., Blackburn, K. G., & Pennebaker, J. W. (2020). The narrative arc: Revealing core narrative structures through text analysis. *Science Advances, 6(*32), 1-9. https://doi.org/10.1126/sciadv.aba2196

038. Boyd, R. L., Pasca, P., & Lanning, K. (2020). The personality panorama: Conceptualizing personality through big behavioural data. *European Journal of Personality, 34*(5), 599–612. https://doi.org/10.1002/per.2254

039. Dean, H. J., & Boyd, R. L. (2020). Deep into that darkness peering: A computational analysis of the role of depression in Edgar Allan Poe's life and death. *Journal of Affective Disorders, 266*, 482–491. https://doi.org/10.1016/j.jad.2020.01.098

040. Meier, T., Boyd, R. L., Mehl, M. R., Milek, A., Pennebaker, J. W., Martin, M., Wolf, M., & Horn, A. B. (2020). Stereotyping in the digital age: Male language is "ingenious", female language is "beautiful" – and popular. *PLOS ONE, 15*(12), e0243637. https://doi.org/10.1371/journal.pone.0243637

041. Ponizovskiy, V., Ardag, M., Grigoryan, L., Boyd, R., Dobewall, H., & Holtz, P. (2020). Development and validation of the Personal Values Dictionary: A theory-driven tool for investigating references to basic human values in text. *European Journal of Personality, 34*(5), 885–902. https://doi.org/10.1002/per.2294

042. Vine, V., Boyd, R. L., & Pennebaker, J. W. (2020). Natural emotion vocabularies as windows on distress and well-being. *Nature Communications, 11*(4525), 1-9. https://doi.org/10.1038/s41467-020-18349-0

043. Boyd, R. L., Pasca, P., & Conroy-Beam, D. (2019). You're only Jung once: Building generalized motivational systems theories using contemporary research on language. *Psychological Inquiry, 30*(2), 93–98. https://doi.org/10.1080/1047840X.2019.1633122

044. Ikizer, E. G., Ramírez-Esparza, N., & Boyd, R. L. (2019). #sendeanlat (#tellyourstory): Text analyses of tweets about sexual assault experiences. *Sexuality Research and Social Policy, 16*(4), 463–475. https://doi.org/10.1007/s13178-018-0358-5

045. Jordan, K. N., Sterling, J., Pennebaker, J. W., & Boyd, R. L. (2019). Examining long-term trends in politics and culture through language of political leaders and cultural institutions. *Proceedings of the National Academy of Sciences, 116*(9), 3476–3481. https://doi.org/10.1073/pnas.1811987116

046. Pietraszkiewicz, A., Formanowicz, M., Sendén, M. G., Boyd, R. L., Sikström, S., & Sczesny, S. (2019). The Big Two dictionaries: Capturing agency and communion in natural language. *European Journal of Social Psychology, 49*(5), 871–887. https://doi.org/10.1002/ejsp.2561

047. Stanton, A. M., Boyd, R. L., Fogarty, J. J., & Meston, C. M. (2019). Heart rate variability biofeedback increases sexual arousal among women with female sexual arousal disorder: Results from a randomized-controlled trial. *Behaviour Research and Therapy, 115*, 90–102. https://doi.org/10.1016/j.brat.2018.10.016

048. Tellakat, M., Boyd, R. L., & Pennebaker, J. W. (2019). How do online learners study? The psychometrics of students' clicking patterns in online courses. *PLOS ONE, 14*(3), 1–17. https://doi.org/10.1371/journal.pone.0213863

049. Boyd, R. L. (2018). Mental profile mapping: A psychological single-candidate authorship attribution method. *PLOS ONE, 13*(7), e0200588. https://doi.org/10.1371/journal.pone.0200588

050. Blackburn, K. G., Yilmaz, G., & Boyd, R. L. (2018). Food for thought: Exploring how people think and talk about food online. *Appetite, 123*, 390-401. https://doi.org/10.1016/j.appet.2018.01.022

051. Drouin, M., Boyd, R. L., & Romaneli, M. G. (2018). Predicting recidivism among internet child sex sting offenders using psychological language analysis. *Cyberpsychology, Behavior, and Social Networking, 21*(2), 78–83. https://doi.org/10.1089/cyber.2016.0617

052. Kilimnik, C. D., Boyd, R. L., Stanton, A. M., & Meston, C. M. (2018). Identification of nonconsensual sexual experiences and the sexual self-schemas of women: Implications for sexual functioning. *Archives of Sexual Behavior, 47*(6), 1633–1647. https://doi.org/10.1007/s10508-018-1229-0

053. Boyd, R. L., & Pennebaker, J. W. (2017). Language-based personality: A new approach to personality in a digital world. *Current Opinion in Behavioral Sciences, 18*, 63-68. https://doi.org/10.1016/j.cobeha.2017.07.017

054. Conway, L. G., III, Boyd, R. L., Dennehy, T. C., Mills, D. J., & Repke, M. A. (2017). Political behavior inside and outside the lab: Bringing political research to the real world. *Translational Issues in Psychological Science, 3*(3), 227-230. https://doi.org/10.1037/tps0000129

055. Drouin, M., Boyd, R. L., Hancock, J. T., & James, A. (2017). Linguistic analysis of chat transcripts from child predator undercover sex stings. *Journal of Forensic Psychiatry and Psychology, 28*(4), 437-457. https://doi.org/10.1080/14789949.2017.1291707

056. Hawkins, R. C. II, & Boyd, R. L. (2017). Such stuff as dreams are made on: Dream language, LIWC norms, and personality correlates. *Dreaming, 27*(2), 102-121. https://doi.org/10.1037/drm0000049

057. Obschonka, M., Fisch, C., & Boyd, R. (2017). Using digital footprints in entrepreneurship research: A Twitter-based personality analysis of superstar entrepreneurs and managers. *Journal of Business Venturing Insights, 8*, 13-23. https://doi.org/10.1016/j.jbvi.2017.05.005

058. Penzel, I. B., Persich, M. R., Boyd, R. L., & Robinson, M. D. (2017). Linguistic evidence for the failure mindset as a predictor of lifespan longevity. *Annals of Behavioral Medicine, 51*(3), 348-355. https://doi.org/10.1007/s12160-016-9857-x

059. Pulverman, C. S., Boyd, R. L., Stanton, A. M., & Meston, C. M. (2017). Changes in the sexual self-schema of women with a history of childhood sexual abuse following expressive writing treatment. *Psychological Trauma: Theory, Research, Practice, and Policy, 9*(2), 181-188. https://doi.org/10.1037/tra0000163

060. Robinson, M. D., Boyd, R. L., Fetterman, A. K., & Persich, M. R. (2017): The mind versus the body in political (and non-political) discourse: Linguistic evidence for an ideological signature in United States politics. *Journal of Language and Social Psychology, 36*(4), 438-461. https://doi.org/10.1177/0261927X16668376

061. Rodríguez-Arauz, G., Ramírez-Esparza, N., Pérez-Brena, N., & Boyd, R. L. (2017). Hablo Inglés y Español: Cultural self-schemas as a function of language. *Frontiers in Psychology, 8*:885, 1-15. https://doi.org/10.3389/fpsyg.2017.00885

062. Stanton, A. M., Meston, C. M., & Boyd, R. L. (2017). Sexual self-schemas in the real world: Investigating the ecological validity of language-based markers of childhood sexual abuse. *Cyberpsychology, Behavior, and Social Networking, 20*(6), 382-388. https://doi.org/10.1089/cyber.2016.0657

063. Robinson, M. D., Boyd, R. L., & Persich, M. R. (2016). Dispositional anger and the resolution of the approach-avoidance conflict. *Emotion, 16*(6), 838-849. https://doi.org/10.1037/emo0000189

064. Boyd, R. L., & Pennebaker, J. W. (2015). Did Shakespeare write Double Falsehood? Identifying an individual's psychological signature with text analysis. *Psychological Science, 26*(5), 570-582. https://doi.org/10.1177/0956797614566658

065. Boyd, R. L., & Robinson, M. D. (2015). Not sugar and spice and everything nice: Name letter preferences as a predictor of daily antisocial behavior. *Self and Identity, 14*(2), 147-156. https://doi.org/10.1080/15298868.2014.965731

066. Fetterman, A. K., Boyd, R. L., & Robinson, M. D. (2015). Power versus affiliation in political ideology: Robust linguist evidence for distinct motivation-related signatures. *Personality and Social Psychology Bulletin, 41*(9), 1195-1206. https://doi.org/10.1177/0146167215591960

067. LeFebvre, L., LeFebvre, L., Blackburn, K., & Boyd, R. L. (2015). Student estimates of public speaking competency: The Meaning Extraction Method and video self-evaluation. *Communication Education*, 1-20. https://doi.org/10.1080/03634523.2015.1014384

068. Poldrack, R. A., Laumann, T., Frick, L., Koyejo, O., Gregory, B., ... Boyd, R. L., et al. (2015). Long-term neural, behavioral, and physiological phenotyping of a single human: The MyConnectome Project. *Nature Communications, 6*:8885. https://doi.org/10.1038/ncomms9885

069. Robinson, M. D., Cassidy, D. M., Boyd, R. L., & Fetterman, A. K. (2015). The politics of time: Conservatives differentially reference the past and liberals differentially reference the future. *Journal of Applied Social Psychology, 45*(7), 391-399. https://doi.org/10.1111/jasp.12306

070. Stanton, A. M., Boyd, R. L., Pulverman, C. S., & Meston, C. M. (2015). Determining women's sexual self-schemas through advanced computerized text analysis. *Child Abuse & Neglect, 46*, 78-88. https://doi.org/10.1016/j.chiabu.2015.06.003

071. Robinson, M. D., Boyd, R. L., & Fetterman, A. K. (2014). An emotional signature of political ideology: Evidence from two linguistic content-coding studies. *Personality and Individual Differences, 71*, 98-102. http://dx.doi.org/10.1016/j.paid.2014.07.039

072. Robinson, M. D., Zabelina, D. L., Boyd, R. L., Bresin, K., & Ode, S. (2014). The self's symbolic role in implicit approach/avoidance: Movement time evidence. *The Journal of Social Psychology, 15*(4), 311-322. https://doi.org/10.1080/00224545.2014.896774

073. Boyd, R. L., Bresin, K., Ode, S., & Robinson, M. D. (2013). Cognitive egocentrism differentiates warm and cold people. *Journal of Research in Personality, 47*(1), 90-96. https://doi.org/10.1016/j.jrp.2012.09.005

074. Bresin, K., Boyd, R. L., Ode, S., & Robinson, M. D. (2013). Egocentric perceptions of the environment in primary, but not secondary, psychopathy. *Cognitive Therapy and Research, 37*, 412-418. https://doi.org/10.1007/s10608-012-9459-2

075. Robinson, M. D., Boyd, R. L., & Liu, T. (2013). Understanding personality and predicting outcomes: The utility of cognitive-behavioral probes of approach and avoidance motivation. *Emotion Review, 5*(3), 1-5. https://doi.org/10.1177/1754073913477504

076. Robinson, M. D., Moeller, S. K., Buchholz, M. M., Boyd, R. L., & Troop-Gordon W. (2012). The regulatory benefits of high levels of affect perception accuracy: A process analysis of reactions to stressors in daily life. *Emotion, 12*(4), 785-795. https://doi.org/10.1037/a0029044

077. Boyd, R. L., Robinson, M. D., & Fetterman, A. K. (2011). Miller (1944) revisited: Movement times in relation to approach and avoidance conflicts. *Journal of Experimental Social Psychology, 47*(6), 1192–1197. https://doi.org/10.1016/j.jesp.2011.04.017

Peer-Reviewed Conference Papers/Proceedings

078. Ganesan, A. V., Mangalik, S., Varadarajan, V., Soni, N., Juhng, S., Sedoc, J., Schwartz, H. A., Giorgi, S., & Boyd, R. L. (2024). From text to context: Contextualizing language with humans, groups, and communities for socially aware NLP. In R. Zhang, N. Schneider, & S. Chaturvedi (Eds.), *Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (Volume 5: Tutorial Abstracts)* (pp. 26–33). Association for Computational Linguistics. https://aclanthology.org/2024.naacl-tutorials.4

079. Varadarajan, V., Lahnala, A., Ganesan, A. V., Dey, G., Mangalik, S., Bucur, A.-M., Soni, N., Rao, R., Lanning, K., Vallejo, I., Flek, L., Schwartz, H. A., Welch, C., & Boyd, R. L. (2024). Archetypes and entropy: Theory-driven extraction of evidence for suicide risk. In A. Yates, B. Desmet, E. Prud'hommeaux, A. Zirikly, S. Bedrick, S. MacAvaney, K. Bar, M. Ireland, & Y. Ophir (Eds.), *Proceedings of the 9th Workshop on Computational Linguistics and Clinical Psychology (CLPsych 2024)* (pp. 278–291). Association for Computational Linguistics. https://aclanthology.org/2024.clpsych-1.28

080. Jagfeld, G., Davies, R., Boyd, R. L., Lobban, F., Rayson, P., & Jones, S. (2022). An exploratory analysis of the relationship of posting in peer online support forums and trait mood in bipolar disorder. *Proceedings of the 50th Annual Conference of the British Association for Behaviour and Cognitive Psychotherapies*.

081. Pasca, P., Ciavolino, E., & Boyd, R. L. (2018). A data-mining approach to the Parkour discipline. In A. Abbruzzo, E. Brentari, M. Chiodi, & D. Piacentino (Eds.), *Proceedings of the 49th Scientific Meeting of the Italian Statistical Society* (pp. 665–672). Pearson Education. http://meetings3.sis-statistica.org/index.php/sis2018/49th/paper/view/1583

082. Kyprianou, C., Fox, P., Boyd, R. L., & Jiang, D. (2018). Linguistic processes of value co-creation in the sharing economy: Insights from firm-stakeholder interactions on Twitter. *Strategic Management Society: Special Conference*, 1–7.

083. Wendlandt, L., Mihalcea, R., Boyd, R. L., & Pennebaker, J. W. (2017). Multimodal analysis and prediction of latent user dimensions. In G. L. Ciampaglia, A. Mashhadi, & T. Yasseri (Eds.), *Social Informatics: 9th International Conference, SocInfo 2017, Oxford, UK, September 13-15, 2017, Proceedings, Part I: Vol. 10539 LNCS* (pp. 323–340). Springer International Publishing. https://doi.org/10.1007/978-3-319-67217-5_20

084. Kyprianou, C., Fox, P., Boyd, R., & Jiang, D. (2017). Legitimizing the peer-to-peer market category: Sensegiving, sensemaking and firm-stakeholder interactions through Twitter. *Strategic Management Society 37th Annual Conference*, 1–8.

085. Wilson, S. R., Mihalcea, R., Boyd, R. L., & Pennebaker, J. W. (2016). Cultural influences on the measurement of personal values through words. *Proceedings of the 2016 AAAI Spring Symposium Series*. https://www.aaai.org/ocs/index.php/SSS/SSS16/paper/view/12774

086. Wilson, S., Mihalcea, R., Boyd, R. L., & Pennebaker, J. (2016). Disentangling topic models: A cross-cultural analysis of personal values through words. *Proceedings of the First Workshop on NLP and Computational Social Science*, 143–152. http://aclweb.org/anthology/W16-5619

087. Boyd, R. L., Wilson, S. R., Pennebaker, J. W., Kosinski, M., Stillwell, D. J., & Mihalcea, R. (2015). Values in words: Using language to evaluate and understand personal values. *Proceedings of the Ninth International AAAI Conference on Web and Social Media*, 31–40. http://www.aaai.org/ocs/index.php/ICWSM/ICWSM15/paper/view/10482

088. Boyd, R. L., Ferrell, J. D., Pennebaker, J. W., & Georgiev, N. (2015). Group discussions and academic performance: Exploring the classroom factors that contribute to student success. *Proceedings of the Tenth Annual Meeting of the Interdisciplinary Network for Group Research (INGRoup)*, 1–8. https://doi.org/10.31234/osf.io/jqekv

Chapters in Edited Volumes

089. Kennedy, B., Ashokkumar, A., Boyd, R. L., & Dehghani, M. (2022). Text analysis for Psychology: Methods, principles, and practices. In M. Dehghani & R. L. Boyd (Eds.), *The handbook of language analysis in psychology* (pp. 3–62). The Guilford Press.

090. Entwistle, C., Marceau, E., & Boyd, R. L. (2022). Personality disorder and verbal behavior. In M. Dehghani & R. L. Boyd (Eds.), *The handbook of language analysis in psychology* (pp. 335–356). The Guilford Press.

091. Caplan, J. E., Adams, K., & Boyd, R. L. (2020). Personality and language. In B. J. Carducci, C. S. Nave, J. S. Mio, & R. E. Riggio (Eds.), *The Wiley encyclopedia of personality and individual differences: Models and theories* (pp. 311–316). John Wiley & Sons. https://doi.org/10.1002/9781118970843.ch52

092. Boyd, R. L. (2017). Psychological text analysis in the digital humanities. In S. Hai-Jew (Ed.), *Data analytics in digital humanities* (pp. 161–189). Springer International Publishing. https://doi.org/10.1007/978-3-319-54499-1_7

093. Boyd, R. L., & Pennebaker, J. W. (2016). A way with words: Using language for psychological science in the modern era. In C. Dimofte, C. P. Haugtvedt, & R. F. Yalch (Eds.), *Consumer psychology in a social media world* (pp. 222–236). Routledge/Taylor & Francis Group. https://psycnet.apa.org/record/2016-02008-014

Selected Whitepapers, Technical Reports, Popular Press Articles, Etc.

094. Boyd, R. L., Ashokkumar, A., Seraj, S., & Pennebaker, J. W. (2022). The development and psychometric properties of LIWC-22. Austin, TX: University of Texas at Austin. https://www.liwc.app

095. Boyd, R. L. (2020, February 24). Depression and language: Analysing Edgar Allan Poe's writings to solve the mystery of his death. *The Conversation*. https://theconversation.com/depression-and-language-analysing-edgar-allan-poes-writings-to-solve-the-mystery-of-his-death-131421

096. Boyd, R. L., & Kapoor, P. (2019, March). Psychological profiling and event forecasting using computational language analysis. *CREST Security Review, 9*, 6–7. https://doi.org/10.31234/osf.io/8yf9e

097. Boyd, R. L., Spangher, A., Fourney, A., Nushi, B., Ranade, G., Pennebaker, J., & Horvitz, E. (2018). Characterizing the Internet Research Agency's social media operations during the 2016 U.S. presidential election using linguistic analyses. *PsyArXiv*. https://doi.org/10.31234/osf.io/ajh2q

098. Meier, T., Boyd, R. L., Pennebaker, J. W., Mehl, M. R., Martin, M., Wolf, M. & Horn, A. B. (2018). "LIWC auf Deutsch": The development, psychometrics, and Introduction of DE-LIWC2015. https://doi.org/10.17605/OSF.IO/TFQZC

099. Boyd, R. L., & Pennebaker, J. W. (2016). Building a Personalized College Major Selection Web Page. *PsyArXiv*. https://doi.org/10.31234/osf.io/grf9x

100. Pennebaker, J. W., Boyd, R. L., Jordan, K., & Blackburn, K. (2015). The development and psychometric properties of LIWC2015. Austin, TX: University of Texas at Austin. https://www.liwc.net

SOFTWARE

Primary and Noteworthy Releases
see: https://www.ryanboyd.io/software
see also: https://github.com/ryanboyd

101. Boyd, R. L. (2024). archetyper: Create and quantify "archetypes" of your constructs. A dictionary-like method run amok! (1.1.0) [Python; OS Independent]. https://github.com/ryanboyd/archetypes

102. Pennebaker, J. W., Boyd, R. L., Booth, R. J., Ashokkumar, A., & Francis, M. E. (2022). Linguistic Inquiry and Word Count: LIWC-22. Austin, TX: Pennebaker Conglomerates. https://www.liwc.app

103. Pennebaker, J. W., Booth, R. J., Boyd, R. L., & Francis, M. E. (2015). Linguistic Inquiry and Word Count: LIWC2015. Austin, TX: Pennebaker Conglomerates. https://www.liwc.net

104. Boyd, R. L. (2020). BUTTER: Basic Unit-Transposable Text Experimentation Resource. [Software]. https://www.butter.tools

105. Boyd, R. L. (2019). MEH: Meaning Extraction Helper [Software]. https://www.ryanboyd.io/software/meh

Data Analysis Software

106. Boyd, R. L. (2021). Igor: Fast object detection via YOLO models [Software].

107. Boyd, R. L. (2018). RIOTLite [Software].

108. Boyd, R. L. (2018). POSTModern Part of Speech Tagger [Software].

109. Boyd, R. L. (2018). Senti-Gent: CoreNLP Sentiment Analysis [Software].

110. Boyd, R. L. (2018). TAPA: Textual Affective Properties Analyzer [Software].

111. Boyd, R. L. (2018). VADER-Tots Sentiment Analysis [Software].

112. Boyd, R. L. (2017). Repeatalizer [Software].

113. Boyd, R. L. (2016). RIOT Scan: Recursive Inspection of Text Scanner [Software].

Data Processing & Helper Software

114. Boyd, R. L. (2021). Royal Sampler [Software].

115. Boyd, R. L. (2019). TranscodeTXT [Software].

116. Boyd, R. L. (2018). ExamineTXT [Software].

117. Boyd, R. L. (2018). TextEmend [Software].

118. Boyd, R. L. (2018). KoToken: Korean Text Tokenizer [Software].

119. Boyd, R. L. (2018). ZhToken: Chinese Text Tokenizer [Software].

120. Boyd, R. L. (2018). SlimCSV [Software].

121. Boyd, R. L. (2018). Transmogrifier: Automated text translation [Software].

122. Boyd, R. L. (2018). EZPZTXT [Software].

123. Boyd, R. L. (2018). WELP: Word Embedding Likeness Perusal [Software].

124. Boyd, R. L. (2018). Contextualizer [Software].

125. Boyd, R. L. (2017). ConverSplitter Plus! [Software].

126. Boyd, R. L., Pennebaker, J. W., Blackburn, K., Ferrell, J. D., Malin, J. J., Cannava, K., & Seih, Y. (2014). DOCTR: Discovery of Conversational Text Redundancy [Software].

127. Boyd, R. L. (2014). Ye Olde Token Converter [Software].

128. Boyd, R. L. (2012). ConverSplitter. [Software].

129. Boyd, R. L. (2012). Guided Write. [Software].

Code Generation Software

130. Boyd, R. L. (2018). Plug N Chug [Software].

131. Boyd, R. L. (2014). 2-Level MLM Generator for R [Software].

132. Boyd, R. L. (2013). LME Generator for R [Software].

133. Boyd, R. L. (2013). Multiple Linear Regression Generator for R [Software].

134. Boyd, R. L. (2013). Personality Scrubber [Software].

135. Boyd, R. L. (2013). SAS Multiple Regression Generator [Software].

136. Boyd, R. L. (2013). StringSmoosh: RGCalc Data Preparation Tool [Software].

137. Boyd, R. L. (2012). SAS MLM Generator [Software].

138. Boyd, R. L. (2012). SAS Repeated-Measures GLM Generator [Software].

KEYNOTE TALKS	• International Learning Analytics & Knowledge Conference, Lowering the Technical Barriers to Trustworthy NLP Workshop (2023)
	• University of Zurich, Digital Society Initiative, Text Analytics for Health, Invited Keynote (2019)

INVITED TALKS	• University of Calgary, Positive Computing: Tech Design for Well-Being and Human Flourishing (2024)
	• International Neuroethics Society, AI & Consciousness Affinity Group (2024)
	• Stanford University, Computational Psychology & Well-Being (2024)
	• Tilburg University, International Emotions Conference (2023)
	• Stony Brook University, Department of Psychology (2023)
	• University of Texas at Arlington, Office of University Analytics (2023)
	• WorkHuman, People Analytics Research and Consulting Team (2023)
	• SPSP Psychology of Language Workshop, Invited Talk/Commentary (2023)
	• University of Kent, School of Psychology (2022)
	• University of Bristol, School of Psychological Science: Technology, Democracy and Cognition Group (2022)
	• Katholieke Universiteit Leuven, Center for Social and Cultural Psychology (2021)
	• Simon Fraser University, Dept. of Marketing, (2021)
	• Washington University in St. Louis, Dept. of Psychology (2021)
	• University of Texas at Austin, Dept. of Psychology (2021)
	• University of Cambridge, Dept. of Psychology (2020)
	• University of Salento, Dept. of History, Society, and Human Studies (2020)
	• University Centre for Computer Corpus Research on Language (2020)
	• University of Amsterdam, Dept. of Political Science, Hot Politics Lab (2020)
	• Psychology Lockdown Seminar Series, Public Research Talk (2020)
	• Santa Fe Institute (2020)

- Lancaster University, Security Lancaster (2019)

- SPSP Psychology of Media and Technology Workshop (2019)

- Carnegie Mellon University, Human-Computer Interaction Institute (2019)

- Lancaster University, Dept. of Psychology (2018)

- Federal Law Enforcement Training Center (FLETC), Glynco, GA (2018)

- University of Zurich, Dept. of Psychology (2018)

- Complexity Science Hub, Vienna (2018)

- University of Connecticut, Dept. of Psychology (2018)

- University of Texas at El Paso, Dept. of Psychology (2017)

- University of Utah, Dept. of Psychology (2017)

- SIOP Methods (2017)

- University of Connecticut, Dept. of Psychology (2016)

- University of Michigan, Language and Information Technologies Lab (2016)

- SPSP New Methods Workshop (2016)

- SXSW, Austin Data (2016)

- University of Southern California, SAIL Lab, Dept. of Computer Science (2015)

- Northwestern University, SONIC Lab, Engineering & Communications (2015)

- United States Army Research Institute, Fort Belvoir, VA (2014)

WORKSHOP / SYMPOSIA CHAIR	

- *The Psychology of Language*. Workshop (preconference) held at the annual meeting of the Society for Personality and Social Psychology, Portland, OR. (Boyd, R. L.) (2019)

- *The Psychology of Language*. Workshop (preconference) held at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA. (Boyd, R. L., & Pennebaker, J. W.) (2018)

- *When You're Wrong: The Current Science on How Opinions Change*. Symposium held at the 29th Annual Conference for the Association for Psychological Science, Boston, MA. (Jordan, K. N., & Boyd, R. L.) (2017)

- *Making Big Data Smart: Challenges in Measurement, Analysis, and Validity*. Symposium held at the annual meeting of the Society for Industrial and Organizational Psychology, Anaheim, CA. (Wang, W., & Boyd, R. L.) (2016)

- *Computational Mental Health*. Symposium held at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA. (Lucas, G. M., & Boyd, R. L.) (2016)

PRESENTATION AWARDS	• Top Faculty Paper, Instructional and Developmental Division, 71st Annual International Communications Association Conference (2021)

TEACHING

Lancaster University

Personality and Individual Differences – Year 1 (PSYC116), Research Methods (PSYC224), Forensic Psychology (PSYC367), MPsych Dissertation (PSYC405), Masters-level Social Psychology (PSYC601), UG Thesis Supervision (PSYC304), MPsych Dissertation (PSYC400), Investigating Psychology (PSYC102), Personality and Individual Differences – Year 2 (PSYC207), Current Directions in Social Psychology (PSYC303)

North Dakota State University

Introduction to Social Psychology / Social Interaction (PSYC/SOC 214-01), Personality Psychology (PSYC 468; TA)

Indiana University–Purdue University Fort Wayne

Introductory Psychology (TA), Developmental Psychology (TA)

Professional Training/Workshops Delivered

• *From text to context: Contextualizing language with humans, groups, and communities for socially aware NLP*. Delivered in collaboration with the HLAB at the 2024 Conference of the North American Chapter of the Association for Computational Linguistics, Mexico City, Mexico (2024)

• *Social Natural Language Processing*. Invited workshop, presented at Stony Brook University in collaboration with Lucie Flekova and Allie Lahnala. Hosted by the Stony Brook AI Institute (2023)

• *Welcome to the World of Words.* Invited workshop, presented at the University of Salento, Lecce, Italy. Hosted by the Department of History, Society, and Human Studies (2020)

• *Foundations in Computerized Language Analysis Methods.* Invited workshop, presented at The University of Alberta, Edmonton, Canada. Hosted by the 16th Annual International Conference on Language and Social Psychology (2018)

• *Language Analysis in Action: How to Extract Psychological Insights from your Language Data*. Invited workshop, presented at the University of Texas, El Paso. Hosted by the Department of Psychology and LAHDR (2017)

• *The Theory and Practice of Machine Learning in Psychology: The What, Why, and How of a Powerful Statistical Technique*. Workshop presented at the 28th Annual Conference for the Association for Psychological Science, Chicago, IL (2016)

- *Language Analysis in Action: Theory and Practice in Content Coding, Topic Modeling, Machine Learning, and Big Data*. Invited workshop, presented at the Leibniz-Institut für Wissensmedien at the University of Tübingen, Tübingen, Germany (2014)

PROFESSIONAL SOCIETIES, PAST & PRESENT — American Psychological Association, Society for Personality and Social Psychology, Association for Psychological Science, The Honor Society of Phi Kappa Phi, Psi Chi National Psychology Honor Society, International Association of Language and Social Psychology, SIGDAT

PROFESSIONAL COMMITTEES & PANELS

Programming & Review Committees

- The Workshop on Computational Linguistics and Clinical Psychology (2024)
- Association for the Advancement of Artificial Intelligence (2020–2021)
- Association for Computational Linguistics (2017, 2019–2020)
- Empirical Methods in Natural Language Processing + Computational Social Science (EMNLP+CSS) (2018–2020)
- Empirical Methods in Natural Language Processing and the International Joint Conference on Natural Language Processing (EMNLP-IJCNLP) (2019)
- International Conference on Computational Social Science (IC2S2) (2017)

Steering Committees

- Conference and Labs of the Evaluation Forum: Early Risk Prediction on the Internet (CLEF eRisk) (2017)
- Computational Mental Health Research Initiative (2016)

Grant Review Panels and Committees

- John Templeton Foundation (2019, 2021–2022, 2024)
- The Leverhulme Trust (2024)
- Austrian Science Fund (FWF) (2023)
- Centre for Research and Evidence on Security Threats (2018–2019, 2021)

PUBLISHING & EDITORIAL SERVICE

Editor

- **Frontiers in Social Psychology: Computational Social Science**
  Editor (2023–present)
- **Psychology of Language and Communication**
  Advisory Board Member (2021–present)

- **PLOS ONE**
  Academic Editor (2018–2022)

- **Frontiers in Artificial Intelligence: Language and Computation**
  Reviewing Editor (2018–2022)

- **Translational Issues in Psychological Science**
  Associate Editor (2017)

- **Manning Publications**
  Technical Development Editor (2013–present)

Peer Reviewer & Referee

Over 215 verified peer reviews completed for scholarly journals and outlets. For a complete list, see "Verified peer reviews" section of:
https://www.webofscience.com/wos/author/record/I-9148-2019

Behavior Research Methods, Journal of Research in Personality, Personality and Social Psychology Bulletin, Annual Meeting of the Association for Computational Linguistics, Nature Communications, Journal of Language and Social Psychology, Conference on Empirical Methods in Natural Language Processing, International Conference on Computational Social Science, Nature Human Behaviour, Conference on Empirical Methods in Natural Language Processing & International Joint Conference on Natural Language Processing, Psychological Science, Journal of Experimental Social Psychology, Psychiatry Research, European Journal of Personality, Health Psychology, AAAI Conference on Artificial Intelligence, PLOS One, Journal of Experimental Psychology: General, Journal of Personality and Social Psychology, Clinical Psychological Science, Psychological Methods, Proceedings of the National Academy of Sciences, IEEE Transactions on Affective Computing, Social Psychological and Personality Science, European Journal of Social Psychology, Psychology of Language and Communication, Journal of Medical Internet Research, Analyses of Social Issues & Public Policy, Frontiers in Artificial Intelligence, Small Group Research, Computers in Human Behavior, Information, Journal of Personality Assessment, Affective Science, Journal of Social and Political Psychology, Current Opinion in Behavioral Sciences, Dutch Journal of Applied Linguistics, Psychonomic Bulletin and Review, Science Advances, Scientific Reports, Empirical Studies of the Arts, Cognitive Science, Personnel Assessment and Decisions, Social Cognition, Journal of Experimental Psychology: Applied, Frontiers in Psychology, Journal of Applied Social Psychology, Personality and Individual Differences, JMIR Medical Informatics, New Media & Society, Translational Issues in Psychological Science, Discourse Processes, American Psychologist, Journal of Individual Differences, International Journal of Public Opinion Research, EMNLP - Conference on Empirical Methods in Natural Language Processing, Proceedings of the Conference, Group Processes and Intergroup Relations, Journal of Personality, Small Business Economics, Journal of Community and Applied Social Psychology, Future Generation Computer Systems, Experimental Psychology, Journal of Dutch Literature, Journal of the Association for Information Science and Technology, Social and Personality Psychology Compass, Human-Animal Interaction Bulletin… [and more]

OTHER SERVICE	**Institutional Review Boards** • **Lancaster University Faculty of Science and Technology Research Ethics Committee (FSTREC)** Committee Member (2020–2022)
THESIS & DISSERTATION COMMITTEES, EXTERNAL	• Rüya Su Şencan, KU Leuven • Eriksen Ravey, University of Houston • Isabelle van der Vegt, University College London • Samantha Platten, Laurentian University • Ashwini Ashokkumar, The University of Texas at Austin • Heather Leffew, Fielding Graduate University • Chelsea D. Kilimnik, The University of Texas at Austin