

## Ryan L. Boyd, Ph.D.

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Assistant Professor of Behavioural Analytics  
Psychology Department  
D04, Fylde College  
Lancaster University  
Lancaster, LA1 4YF United Kingdom

### EDUCATION

- 2017      **Ph.D., Social/Personality Psychology**, University of Texas at Austin  
2012      **M.S., Social/Health Psychology**, North Dakota State University  
2010      **B.A., Psychology**, Purdue University, Ft. Wayne

### ACADEMIC APPOINTMENTS

- 2019—      **Assistant Professor of Behavioural Analytics, Lancaster University**  
              UK: “Lecturer” title  
              Dept. of Psychology, Data Science Institute, and Security Lancaster  
2017—2019      **Postdoctoral Fellow / Researcher, University of Texas at Austin**  
              Dept. of Psychology, Project 2021  
2018      **Visiting Scholar**  
              – Microsoft Research: Adaptive Systems and Interaction Group, Redmond, WA  
              – Stony Brook University, Dept. of Computer Science

### RESEARCH GRANTS, OTHER FUNDING

- 2020-22      *The language of the COVID-19 pandemic: Investigating official communication and its relations with collective and individual emotions.*  
              – Funder: Swiss National Science Foundation  
              – Award Amount: CHF 187'453 (~\$192,800 USD), with Andrea B. Horn  
2018-20      *Arc of Narrative Method (AON) used to advance strategies used in intelligence interviewing and interrogation.*  
              – Funder: FBI / HIG  
              – Award Amount: \$840,104 USD, with James W. Pennebaker, Kate G. Blackburn  
2016      – National Alliance on Mental Illness  
              – Society of Multivariate Experimental Psychology  
2015      – Research Fellowship Award, The University of Texas at Austin  
              – Professional Development Scholarship, The University of Texas at Austin  
              – GS Travel Award, Society for Personality and Social Psychology

## PRIMARY RESEARCH PROGRAMS

### Personality/Social Psychology

- Social and Personality Processes
- Health
- Motivation and Emotion

### Methodological

- Big Data and Psychology
- Computerized Language Analysis
- Machine Learning

## PUBLICATIONS

### Books, Volumes, Etc.

Dehghani, M., & Boyd, R. L. (eds.) (Forthcoming). *The Atlas of Language Analysis in Psychology*. New York: Guilford Press.

### Peer-Reviewed Journal Articles, Conference Proceedings, Chapters, Etc.

Boyd, R. L., Pasca, P., & Lanning, K. (in press). The personality panorama: Conceptualizing personality through big behavioral data. *European Journal of Personality*.

Boyd, R. L., & Schwartz, H. A. (in press). Natural language analysis and the psychology of verbal behavior: The past, present, and future states of the field. *Journal of Language and Social Psychology*.

Burdick, L., Mihalcea, R., Boyd, R. L., & Pennebaker, J. W. (in press). Analyzing connections between user attributes, images, and text. *Cognitive Computation*.

Currin-McCulloch, J., Stanton, A. M., Boyd, R. L., Neaves, M., & Jones, B. (in press). Understanding breast cancer survivors' information-seeking behaviors and overall experiences: A comparison of themes derived from social media posts and focus groups. *Psychology and Health*.

Meier, T., Boyd, R. L., Mehl, M. R., Milek, A., Pennebaker, J. W., Martin, M., Wolf, M., & Horn, A. B. (in press). (Not) Lost in translation: Psychological adaptation occurs during speech translation. *Social Psychological and Personality Science*.

Ponizovskiy, V., Ardag, M. M., Grigoryan, L., Boyd, R. L., Dobewall, H., & Holtz, P. (in press). 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*.

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>

Caplan, J. E., Adams, K., & Boyd, R. L. (2020). Language and personality. In B. J. Carducci, C. S. Nave, J. S. Mio, & R. E. Riggio (Eds.), *The Wiley encyclopedia of personality and individual differences: Vol. 2 — Measurement and Assessment*. Wiley-Blackwell.

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>

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>

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>

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>

- 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*. <https://doi.org/10.1073/pnas.1811987116>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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 SIS2018* (pp. 665–672). London: Pearson Education.
- Boyd, R. L. (2017). Psychological text analysis in the digital humanities. In S. Hai-Jew (Ed.), *Data analytics in digital humanities* (pp. 161-189). New York: Springer International Publishing.
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>

- 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>
- 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>
- 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>
- 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>
- 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 (pp. 323–340). Cham: Springer International Publishing.
- 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>
- Wilson, S., Mihalcea, R., Boyd, R. L., & Pennebaker, J. (2016). Cultural influences on the measurement of personal values through words. *Proceedings of the 2016 AAAI Spring Symposium Series*, 314–317.
- Wilson, S. R., Mihalcea, R., Boyd, R. L., & Pennebaker, J. W. (2016). Disentangling topic models: A cross-cultural analysis of personal values through words. *Proceedings of 2016 EMNLP Workshop on Natural Language Processing and Computational Social Science*, 146-152.
- 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>
- Boyd, R. L., & Pennebaker, J. W. (2015). A way with words: Using language for psychological science in the modern era. In C. Dimofte, C. Haugtvedt, & R. Yalch (Eds.), *Consumer psychology in a social media world* (pp. 222-236). New York City, NY, US: Routledge Publishers.
- 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>
- 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.
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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>
- 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, 1192-1197. <http://dx.doi.org/10.1016/j.jesp.2011.04.017>

### **Selected Whitepapers, Technical Reports, Etc.**

- Boyd, R. L., & Kapoor, P. (2019). Psychological Profiling and Event Forecasting Using Computational Language Analysis. *CREST Security Review*, 9, 6-7
- 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>
- 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>
- Boyd, R. L., & Pennebaker, J. W. (2016). Building a Personalized College Major Selection Web Page. PsyArXiv. <https://doi.org/10.31234/osf.io/grf9x>
- 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.

## **SPEAKING AND PRESENTING**

### **Invited Talks, Lectures, & Other Presentations**

- 2020**
- University of Salento, Dept. of History, Society, and Human Studies, Invited Talk
  - University Centre for Computer Corpus Research on Language (UCREL), Invited Talk
  - University of Amsterdam, Dept. of Political Science, Hot Politics Lab, Invited Talk
  - Psychology Lockdown Seminar Series, Public Research Talk
  - Sante Fe Institute, Invited Talk
- 2019**
- Lancaster University, Security Lancaster, Invited Talk
  - University of Zurich, Digital Society Initiative / Text Analytics for Health, Invited Keynote
  - SPSP Psychology of Media and Technology Workshop, Invited Talk
  - Carnegie Mellon University, Human-Computer Interaction Institute, Invited Talk
- 2018**
- Lancaster University, Dept. of Psychology, Invited Talk
  - Federal Law Enforcement Training Center (FLETC), Glynco, GA, Invited Talk
  - University of Zurich, Dept. of Psychology, Invited Talk
  - Complexity Science Hub, Vienna, Invited Talk
  - University of Connecticut, Dept. of Psychology, Guest Lecture
- 2017**
- University of Texas at El Paso, Dept. of Psychology, Invited Talk
  - University of Utah, Dept. of Psychology, Guest Lecture
  - SIOP Methods, Invited Talk
- 2016**
- University of Connecticut, Dept. of Psychology, Guest Lecture
  - University of Michigan, Language and Information Technologies Lab, Invited Talk
  - SPSP New Methods Workshop, Invited Talk
  - SXSW, Austin Data, Invited Talk
- 2015**
- University of Southern California, SAIL Lab (Dept. of Comp. Science), Invited Talk
  - Northwestern University, SONIC Lab (Eng. & Comm.), Invited Talk
- 2014**
- United States Army Research Institute, Fort Belvoir, VA, Research Talk
  - University of California Los Angeles, Double Falsehood Conference, Invited Talk

### **Chaired Workshops / Symposia, Etc.**

- 2019** Boyd, R. L. – *The Psychology of Language*. Preconference held at the annual meeting of the Society for Personality and Social Psychology, Portland, OR.
- 2018** Boyd, R. L., & Pennebaker, J. W. – *The Psychology of Language*. Preconference held at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA.
- 2017** Jordan, K. N., & Boyd, R. L. – *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.
- 2016** Wang, W., & Boyd, R. L. – *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.
- Lucas, G. M., & Boyd, R. L. – *Computational Mental Health*. Symposium held at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.

## **Presentations at Conferences / Symposia (Various Years)**

Association for Psychology Science  
Society of Experimental Social Psychology  
Society for Personality and Social Psychology  
Society for Industrial and Organizational Psychology  
AAAI Conference on Web and Social Media  
Interdisciplinary Network for Group Research  
International Conference on Human Behaviour and Analysis  
Emotions  
Southwestern Psychological Association  
Strategic Management Society  
Annual International Conference on Computational Social Science  
International Society for the Study of Women's Sexual Health  
International Society for Traumatic Stress Studies  
International Communication Association  
AAAI Spring Symposium Series  
International Congress of Cognitive Psychotherapy  
Schizophrenia International Research Society

## **SOFTWARE DEVELOPMENT**

See: <https://www.ryanboyd.io/software>

### **Analytic Software**

Boyd, R. L. (2020). Igor: Fast object detection via YOLO models (v1.0.0) [Software].  
Boyd, R. L. (2019). MEH: Meaning Extraction Helper (Version 2.1.07) [Software].  
Boyd, R. L. (2018). RIOTLite (v1.02) [Software].  
Boyd, R. L. (2018). POSTModern Part of Speech Tagger (Version 0.990) [Software].  
Boyd, R. L. (2018). Senti-Gent: CoreNLP Sentiment Analysis (Version 0.85) [Software].  
Boyd, R. L. (2018). TAPA: Textual Affective Properties Analyzer (v1.0.12) [Software].  
Boyd, R. L. (2018). VADER-Tots Sentiment Analysis (Version 0.92) [Software].  
Boyd, R. L. (2017). Repeatizer (Version 1.03) [Software].  
Boyd, R. L. (2016). RIOT Scan: Recursive Inspection of Text Scanner (Version 2.0.21) [Software].  
Pennebaker, J. W., Booth, R. J., Boyd, R. L., & Francis, M. E. (2015). Linguistic Inquiry and Word Count: LIWC2015. Austin, TX: Pennebaker Conglomerates ([www.LIWC.net](http://www.LIWC.net))

### **Helper Software**

Boyd, R. L. (2019). TranscodeTXT (Version 1.02) [Software].  
Boyd, R. L. (2018). ExamineTXT (Version 1.10) [Software].  
Boyd, R. L. (2018). TextEmend (Version 1.01) [Software].  
Boyd, R. L. (2018). KoToken: Korean Text Tokenizer (Version 0.91) [Software].  
Boyd, R. L. (2018). ZhToken: Chinese Text Tokenizer (Version 0.65) [Software].  
Boyd, R. L. (2018). SlimCSV (Version 1.04) [Software].  
Boyd, R. L. (2018). Transmogrifier: Automated text translation (v0.85) [Software].  
Boyd, R. L. (2018). EZPZTXT (v1.15) [Software].  
Boyd, R. L. (2018). WELP: Word Embedding Likeness Perusal (v1.03) [Software].  
Boyd, R. L. (2018). Contextualizer (Version 1.06) [Software].

- Boyd, R. L. (2017). ConverSplitter Plus! (v1.01) [Software].
- Boyd, R. L., Pennebaker, J. W., Blackburn, K., Ferrell, J. D., Malin, J. J., Cannava, K., & Seih, Y. (2014). DOCTR: Discovery of Conversational Text Redundance (Version 1.2.8) [Software].
- Boyd, R. L. (2014). Ye Olde Token Converter (Version 0.2.5) [Software].
- Boyd, R. L. (2012). ConverSplitter. (Version 0.8.0 open beta) [Software].
- Boyd, R. L. (2012). Guided Write. (Version 1.1.0) [Software].

### **Code Generation Software**

- Boyd, R. L. (2018). Plug N Chug (Version 1.01) [Software].
- Boyd, R. L. (2014). 2-Level MLM Generator for R (Version 1.1.7) [Software].
- Boyd, R. L. (2013). LME Generator for R (Version 0.3.0 alpha) [Software].
- Boyd, R. L. (2013). Multiple Linear Regression Generator for R (Version 1.0.0) [Software].
- Boyd, R. L. (2013). Personality Scrubber (Version 1.4.2) [Software].
- Boyd, R. L. (2013). SAS Multiple Regression Generator (Version 0.1.0 beta) [Software].
- Boyd, R. L. (2013). StringSmooosh: An RGCALC Data Preparation Tool (Version 0.2 alpha) [Software].
- Boyd, R. L. (2012). SAS MLM Generator (Version 0.7.0 beta) [Software].
- Boyd, R. L. (2012). SAS Repeated-Measures GLM Generator (Version 0.0.4 beta) [Software].

## **TEACHING**

- |                |   |                               |
|----------------|---|-------------------------------|
| <b>2020/21</b> | PSYC116: Personality Psychology<br>Other courses: TBA   | Lancaster University          |
| <b>2019/20</b> | PSYC102: Investigating Psychology (Social Psych)<br>PSYC207: Personality and Individual Differences<br>PSYC303: Current Directions in Social Psychology<br>PSYC304: Undergraduate Dissertation Projects |                               |
| <b>2013</b>    | Introduction to Social Psychology   | North Dakota State University |
| <b>2011</b>    | Personality Psychology (TA, Instructor: Michael D. Robinson)  |                               |
| <b>2009</b>    | Developmental Psychology (TA, Instructor: Michelle Drouin)  | Purdue University Fort Wayne  |
| <b>2008</b>    | Introductory Psychology (TA, Instructor: Darren H. Kaiser)  | Purdue University Fort Wayne  |

### **Methodological Workshops**

- 2018**     *Foundations in Computerized Language Analysis Methods*. Invited workshop presented at The University of Alberta, Edmonton, Canada. Hosted by the 16<sup>th</sup> Annual International Conference on Language and Social Psychology.
- 2017**     *Language Analysis in Action: How to Extract Psychological Insights from your Language Data*. Workshop presented at the University of Texas, El Paso. Hosted by the Department of Psychology and LAHDR.
- 2016**     *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.



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

## **SERVICE, MENTORSHIP, AND PROFESSIONAL COMMUNITY**

### **Professional Affiliations, Past and 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

### **Grant Review Panels**

- John Templeton Foundation, 2019
- Centre for Research and Evidence on Security Threats, 2018, 2019

### **Committee Memberships**

|                                    |   |                  |
|------------------------------------|---|------------------|
| Programming &<br>Review Committees | Association for the Advancement of Artificial Intelligence  | 2020-21          |
|                                    | Association for Computational Linguistics   | 2017,<br>2019-20 |
|                                    | Empirical Methods in Natural Language Processing<br>and the International Joint Conference on<br>Natural Language Processing (EMNLP-IJCNLP) | 2019             |
|                                    | Empirical Methods in Natural Language Processing +<br>Computational Social Science (EMNLP+CSS)  | 2017-20          |
|                                    | International Conference on Computational Social Science<br>(IC2S2)   | 2017             |
| Steering<br>Committees             | Conference and Labs of the Evaluation Forum: Early Risk<br>Prediction on the Internet (CLEF eRisk)  | 2017             |
|                                    | Computational Mental Health Research Initiative   | 2016             |

### **Editorial Work**

|                                 |  |              |
|---------------------------------|--|--------------|
| Academic Editor                 | PLOS ONE   | 2018—present |
| Reviews Editor                  | Frontiers in Artificial Intelligence: Language and Computation | 2018—present |
| Technical<br>Development Editor | Manning Publications   | 2013—present |
| Associate Editor                | Translational Issues in Psychological Science                  | 2017         |

**Reviewer / Referee** (for a complete list, see “Verified Reviews” section of <https://publons.com/researcher/1414215/ryan-l-boyd/peer-review/>)

Psychological Science, Nature Human Behavior, Journal of Personality and Social Psychology, Journal of Experimental Psychology: General, New Media & Society, Behavior Research Methods, Journal of Personality, Health Psychology, Computers in Human Behavior, PLOS ONE, Personality and Social Psychology Bulletin, Journal of Research in Personality, Journal of Experimental Social Psychology, Personality and Individual Differences, European Journal of Social Psychology, Social Psychological and Personality Science, Journal of Language and Social Psychology, Journal of Applied Social Psychology, Journal of Individual Differences, Clinical Psychological Science, Translational Issues in Psychological Science, Current Opinion in Behavioral Sciences [...] and more.

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- Heather Leffew, Fielding Graduate University
- Chelsea D. Kilimnik, The University of Texas at Austin