

Curriculum Vitae  
– September 26<sup>th</sup>, 2017 –

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**Ryan L. Boyd, Ph.D.**

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Dept. of Psychology, Seay Bldg.  
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## EDUCATION

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**Ph.D., Social/Personality Psychology**, University of Texas at Austin, Dept. of Psychology, Austin, TX (2017)

- Advisor: James W. Pennebaker

**M.S., Social/Health Psychology**, North Dakota State University, Dept. of Psychology, Fargo, ND (2012)

- Advisor: Michael D. Robinson

**B.A., Psychology**, Indiana University–Purdue University Fort Wayne, Dept. of Psychology, Ft. Wayne, IN (2010)

- Advisor: Michelle Drouin

## POSITIONS

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**Postdoctoral Researcher**, University of Texas at Austin (2017-present)

- Advisor: James W. Pennebaker
- Joint appointment – Dept. of Psychology and ShadowLAB / Project 2021

## TEACHING EXPERIENCE

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**Lecturer**, North Dakota State University, Fargo, ND (Spring 2013)

- Introduction to Social Psychology

**Teaching Assistant**, North Dakota State University, Fargo, ND (Fall 2011)

- Personality Psychology (Course Instructor: Michael D. Robinson)

**Teaching Assistant**, Indiana University—Purdue University Fort Wayne, Ft. Wayne, IN, (2008-2009)

- Developmental Psychology (Course Instructor: Michelle Drouin)
- Introductory Psychology (Course Instructor: Darren H. Kaiser)

## FUNDING, AWARDS, ETC.

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### Minor Awards / Funding

- Honorarium, National Alliance on Mental Illness, 2016
- Machine Learning Sponsorship, Society of Multivariate Experimental Psychology, 2016
- Research Fellowship Award, The University of Texas at Austin, 2015
- Professional Development Scholarship, The University of Texas at Austin, 2015
- GS Travel Award, Society for Personality and Social Psychology, 2015

## PRIMARY RESEARCH INTERESTS

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### Personality/Social Psychology

- Personality Processes
- Language and Personality
- Self, Self-regulation, and Self-concept
- Interpersonal Traits

### Methods

- Big Data and Psychology
- Automated Linguistic Analysis
- Statistics, Machine Learning, & Data Mining
- Psychological Forensics

## REPRESENTATIVE PUBLICATIONS

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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.

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.

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.

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.

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.

## ADDITIONAL PUBLICATIONS

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### Journal Articles, Book Chapters in Edited Volumes, Etc.

- Caplan, J. E., Adams, K., & Boyd, R. L. (in press). Language and personality. In *The Wiley Encyclopedia of Personality and Individual Differences (Vol. 1: Models & Theories)*. Oxford, UK: John Wiley & Sons.
- Drouin, M., Boyd, R. L., & Romanelli, M. G. (in press). Predicting recidivism among internet child sex sting offenders using psychological language analysis. *Cyberpsychology, Behavior, and Social Networking*.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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. Yasserli (Eds.), *Social Informatics: 9th International Conference, SocInfo 2017*, Oxford, UK, September 13-15, 2017, Proceedings, Part I (pp. 323-340). Cham: Springer International Publishing.
- 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). 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.

- 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.  
<http://dx.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. doi: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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

### **Technical Reports, Manuals and White Papers**

- Boyd, R. L. (2017). An exploratory analysis of the short- and long-term psychological effects of a large teaching intervention protocol. Fort Worth, TX: Texas Christian University.
- Boyd, R. L., & Pennebaker, J. W. (2016). Tracking and shaping the language of working groups. Arlington, VA: U.S. Army Research Institute for the Behavioral and Social Sciences.
- Boyd, R. L. (2016). An analysis of psychological trends, patterns, and properties of the OK2TALK community. Arlington, VA: National Alliance on Mental Illness.
- Boyd, R. L., & Pennebaker, J. W. (2016). Building a personalized college major selection web page. Austin, TX: The University of Texas at Austin.
- 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. DOI: 10.15781/T29G6Z
- Pennebaker, J. W., Booth, R. J., Boyd, R. L., & Francis, M. E. (2015). Linguistic Inquiry and Word Count: LIWC2015 Operator's Manual. Austin, TX: LIWC.net

## **PRESENTATIONS**

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### **Chaired Symposia, etc.**

Boyd, R. L., & Pennebaker, J. W. (2018, March). The Psychology of Language. Preconference to be hosted at the annual meeting of the Society for Personality and Social Psychology, Atlanta, GA.

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

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

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

### **Workshops**

Boyd, R. L., & Goodwin, M. S. (2016, May). 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.

Boyd, R. L. (2014, October). Language Analysis in Action: Theory and Practice in Content Coding, Topic Modeling, Machine Learning, and Big Data. Workshop presented at the Leibniz-Institut für Wissensmedien, Tübingen, Germany.

### **Presentations at Conferences / Symposia**

- Association for Psychology Science
- Society for Personality and Social Psychology
- Society for Industrial and Organizational Psychology
- AAAI Conference on Web and Social Media
- Interdisciplinary Network for Group Research
- 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

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

- University of Utah, Dept. of Psychology, Invited Lecture (2017)
- University of Connecticut, Dept. of Psychology, Invited Lecture (2016)
- University of Michigan, Language and Information Technologies Lab, Invited Talk (2016)
- SPSP New Methods Preconference, Invited Talk (2016)
- SXSW, Austin Data, Invited Talk (2016)
- University of Southern California, Dept. of Computer Science, Invited Talk (2015)
- Northwestern University, SONIC Lab (Engineering and Communication), Colloquium (2015)
- United States Army Research Institute, Fort Belvoir, VA, Research Talk (2014)
- University of California Los Angeles, Double Falsehood Conference, Invited Talk (2014)

## PSYCHOLOGICAL SOFTWARE DEVELOPMENT

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### **Major Software Releases**

- Boyd, R. L. (2017). MEH: Meaning Extraction Helper (Version 1.4.15) [Software]. Available from <http://meh.ryanb.cc>
- Boyd, R. L. (2017). Repeatalizer (Version 1.03) [Software]. Available from <http://repeat.ryanb.cc>
- Boyd, R. L. (2017). TAPA: Textual Affective Properties Analyzer (v1.0.10) [Software]. Available from <http://tapa.ryanb.cc>
- Boyd, R. L. (2016). RIOT Scan: Recursive Inspection of Text Scanner (Version 2.0.21) [Software]. Available from <http://riot.ryanb.cc>
- 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))
- 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]. Available from <http://doctr.ryanb.cc>

### **Minor Software Releases**

- Boyd, R. L. (2017). Contextualizer (Version 0.95) [Software]. Available from <http://context.ryanb.cc>.
- Boyd, R. L. (2014). 2-Level MLM Generator for R (Version 1.1.7) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2014). Ye Olde Token Converter (Version 0.2.5) [Software]. Available from <http://riot.ryanb.cc/other-tools>
- Boyd, R. L. (2013). LME Generator for R (Version 0.3.0 alpha) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2013). Multiple Linear Regression Generator for R (Version 1.0.0) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2013). Personality Scrubber (Version 1.4.2) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2013). SAS Multiple Regression Generator (Version 0.1.0 beta) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2013). StringSmooosh: An RGCALC Data Preparation Tool (Version 0.2 alpha) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2012). ConverSplitter. (Version 0.8.0 open beta) [Software]. Available from <http://riot.ryanb.cc/other-tools>
- Boyd, R. L. (2012). Guided Write. (Version 1.1.0) [Software]. Available from <http://riot.ryanb.cc/other-tools>
- Boyd, R. L. (2012). SAS MLM Generator (Version 0.7.0 beta) [Software]. Available from <http://toolbox.ryanb.cc>
- Boyd, R. L. (2012). SAS Repeated-Measures GLM Generator (Version 0.0.4 beta) [Software]. Available from <http://toolbox.ryanb.cc>

## COMMUNITY INVOLVEMENT

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### Professional Affiliations

- American Psychological Association
- The Honor Society of Phi Kappa Phi
- Society for Personality and Social Psychology
- Psi Chi, National Psychology Honor Society
- Association for Psychological Science
- National Alliance on Mental Illness
- International Association of Language and Social Psychology

### Committee Memberships

- Empirical Methods in Natural Language Processing + Computational Social Science (EMNLP+CSS)
  - Programming Committee, 2017
- Conference and Labs of the Evaluation Forum: Early Risk Prediction on the Internet (CLEF eRisk)
  - Steering Committee, 2017
- International Conference on Computational Social Science (IC2S2)
  - Programming Committee, 2017
- Computational Mental Health Research Initiative
  - Committee Member, 2016-present

### Publishing Community

- Psychological Science (Reviewer / Referee)
- Personality and Social Psychology Bulletin (Reviewer / Referee)
- Translational Issues in Psychological Science (Associate Editor)
- Journal of Language and Social Psychology (Reviewer / Referee)
- Behavior Research Methods (Reviewer / Referee)
- Journal of Personality (Reviewer / Referee)
- PLOS ONE (Reviewer / Referee)
- New Media and Society (Reviewer / Referee)
- Social Psychological and Personality Science (Reviewer / Referee)
- Personality and Individual Differences (Reviewer / Referee)
- Journal of Experimental Social Psychology (Reviewer / Referee)
- Health Psychology (Reviewer / Referee)
- European Journal of Social Psychology (Reviewer / Referee)
- Journal of Applied Social Psychology (Reviewer / Referee)
- Experimental Psychology (Reviewer / Referee)
- Transactions on Affective Computing (Reviewer / Referee)
- Psychiatry Research (Reviewer / Referee)
- Empirical Studies of the Arts (Reviewer / Referee)
- Human-Animal Interaction Bulletin (Reviewer / Referee)
- Dutch Journal of Applied Linguistics (Reviewer / Referee)
- Manning Publications (Reviewer / Referee, Technical Development Editor, Technical Proofer)