

Tyler W. Rinker

CONTACT INFORMATION	Campus Labs Department of Research and Development 298 Main Street Buffalo, NY 14203	<i>Mobile:</i> 1-716-472-2642 <i>E-mail:</i> tyler.rinker@gmail.com <i>Web:</i> trinkerrstuff.wordpress.com <i>GitHub:</i> github.com/trinker
RESEARCH INTERESTS	Text analysis, data visualization, quantitative/qualitative discourse analysis, workflow improvement, and student engagement.	
EDUCATION	University at Buffalo, SUNY Buffalo, NY Ph.D., Curriculum, Instruction, and the Science of Learning, May 2017 <ul style="list-style-type: none">• Thesis Topic: <i>Graphical Discourse Analysis</i>• Concentration: Reading Education• Adviser: Lynn E. Shanahan, Ph.D. C.A.S., Applied Statistical Analysis, Spring 2014 Buffalo State College, SUNY Buffalo, NY C.A.S., Educational Leadership, Spring 2009 <ul style="list-style-type: none">• Adviser: Nancy Chicola, Ph.D. M.S., Childhood & Early Childhood Curriculum & Instruction, Spring 2007 Houghton College Houghton, NY B.S., Elementary Education, Spring 2002	
RESEARCH EXPERIENCE	Data Scientist Department of Research and Development, Campus Labs Supervisor: John White, Ph.D. Research Project Manager Center for Literacy and Reading Instruction, University at Buffalo, SUNY Supervisor: Mary M. McVee, Ph.D. Graduate Assistant Department of Learning and Instruction, University at Buffalo, SUNY Supervisor: Lynn E. Shanahan, Ph.D.	July 2015 to present Sept 2012 to June 2015 Sept 2010 to Jan 2011
AWARDS	<ul style="list-style-type: none">• William C. Eller Memorial Scholarship• GSE Student Research Symposium: Best Research Poster• William C. Eller Memorial Scholarship• LAI Outstanding Student Researcher	2012-2013 2014 2014-2015 2014-2015
COMPUTER SOFTWARE DEVELOPMENT	Computer and Document Languages: <ul style="list-style-type: none">• R, \LaTeX, SQL, HTML, CSS, R Markdown	

Program Development

- Rinker, T. W. (2017). numform: Tools to format numbers for publication. Buffalo, New York. <http://github.com/trinker/numform>
- Rinker, T. W. (2017). textstem: Tools for stemming and lemmatizing text. University at Buffalo. Buffalo, New York. <http://github.com/trinker/textstem>
- Rinker, T. W. (2017). gofastr: Fast DocumentTermMatrix and TermDocumentMatrix Creation. University at Buffalo. Buffalo, New York. <http://github.com/trinker/gofastr>
- Rinker, T. W. (2017). textshape: Tools for Reshaping Text. University at Buffalo. Buffalo, New York. <http://github.com/trinker/textshape>
- Rinker, T. W. (2017). lexicon: Lexicon Data. University at Buffalo. Buffalo, New York. <http://github.com/trinker/lexicon>
- Rinker, T. W. (2017). termco: Tools to count terms and substrings in strings. University at Buffalo. Buffalo, New York. <http://github.com/trinker/termco>
- Rinker, T. W. (2016). textclean: Text Cleaning Tools. University at Buffalo. Buffalo, New York. <http://github.com/trinker/textclean>
- Rinker, T. W. (2016). tagger: Part of Speech Tagging. University at Buffalo. Buffalo, New York. <http://github.com/trinker/tagger>
- Rinker, T. W. (2016). clustext: Consistent Clustering for Text Data. University at Buffalo. Buffalo, New York. <http://github.com/trinker/clustext>
- Rinker, T. W. (2016). sentimentr: Calculate Text Polarity Sentiment. University at Buffalo. Buffalo, New York. <http://github.com/trinker/sentimentr>
- Rinker, T. W. (2016). syllable: A Small Collection of Syllable Counting Functions. University at Buffalo. Buffalo, New York. <http://github.com/trinker/syllable>
- Rinker, T. W. (2016). qdapRegex: Regular Expression Removal, Extraction, and Replacement Tools. University at Buffalo. Buffalo, New York. <http://github.com/trinker/qdapRegex>
- Rinker, T. W. (2015). readability: Tools to Calculate Readability Scores. University at Buffalo. Buffalo, New York. <http://github.com/trinker/readability>
- Rinker, T. W. & Kurkiewicz, D. (2015). pacman: Package Management for R. University at Buffalo. Buffalo, New York. <http://github.com/trinker/pacman>
- Rinker, T. W. (2015). parsent: Sentence parsing tools. University at Buffalo. Buffalo, New York. <http://github.com/trinker/parsent>
- Rinker, T. W. (2015). entity: Named entity recognition. University at Buffalo. Buffalo, New York. <http://github.com/trinker/entity>
- Rinker, T. W. (2015). formality: Calculate Text Formality. University at Buffalo. Buffalo, New York. <http://github.com/trinker/formality>
- Rinker, T. W. (2015). lexr: Lexical Dispersion Plotting. University at Buffalo. Buffalo, New York. <http://github.com/trinker/lexr>
- Rinker, T. W. (2015). qdapTools: Tools to Accompany the qdap Package. University at Buffalo. Buffalo, New York. <http://github.com/trinker/qdapTools>
- Rinker, T. W. (2013). qdap: Quantitative Discourse Analysis Package. University at Buffalo. Buffalo, New York. <http://github.com/trinker/qdap>

REFEREED JOURNAL PUBLICATIONS

1. Aloe, A. M., Shisler, S. M., Norris, B. D., Nickerson, A. B., & Rinker, T. W. (2014). A multivariate meta-analysis of student misbehavior and teacher burnout. *Educational Research Review*, 12, 30 - 44. doi:10.1016/j.edurev.2014.05.003

BOOK CHAPTERS

1. McVee, M. B., Shanahan, L. E., Pearson, P. D., & Rinker, T. W. (2015). Using the gradual release of responsibility model to support video reection with preservice and inservice teachers. In E. Ortlieb, L. E. Shanahan, & M. B. McVee (Eds.), *Literacy research, practice and evaluation* (Chap. 4, Vol. 5, pp. 59–80). Bingley, UK: Emerald Group. doi:10.1108/S2048-045820150000005010

2. Shanahan, L. E., Tochelli-Ward, A. L., & Rinker, T. W. (2015). Insights into inservice teachers' video-facilitated reflection of literacy practices. In E. Ortlieb, L. E. Shanahan, & M. B. McVee (Eds.), *Literacy research, practice and evaluation* (Chap. 2, Vol. 5, pp. 21–40). Bingley, UK: Emerald Group. doi:10.1108/S2048-045820150000005007
3. Shanahan, L. E., McVee, M. B., Schiller, J. A., Tynan, E. A., D'Abate, R. L., Flury-Kashmanian, C. M., Rinker, T. W., Ebert, A. A., & Hayden, H. E. (2013). Learning to support struggling readers and literacy clinicians through reflective pedagogy. In E. Ortlieb & E. Cheek, Jr. (Eds.), *Literacy research, practice, and evaluation: From the clinic to the classroom* (Vol. 2). Corpus Christi: Emerald Press.

PAPERS IN PREPARATION

1. Erekson, J., McVee, M. B., Rinker, T. W., & et al. (2013). *Ten best ideas for reading teachers: A retrospective analysis*. Paper presented at the Literacy Research Association, Dallas, TX.
2. Rinker, T. W. & McVee, M. B. (2013). *Student Engagement with Mediational Tools in a Literacy Clinic: A Multimodal Examination of Clinician Designed Materials*. Paper presented at the Literacy Research Association, Dallas, TX.
3. Rinker, T. W., McVee, M. B., Cho, Y. & Schiller, J. A. (2012). *The Overlooked Role of Teacher Feedback During Literacy Instruction: Tensions Between Engagement, Embodiment, and Ipseity*. Paper presented at the Literacy Research Association, San Diego, CA.

PRESENTATIONS National Presentations

- Reinking, D., Dooley, C. M., Rinker, T. W., & et al. (2014, December). Professors, we need you!!!: Public intellectuals, advocacy, and activism. (Presentation for the Literacy Research Association Annual Conference).
- Erekson, J., McVee, M. B., Rinker, T. W., & et al. (2013, December). Ten best ideas for reading teachers: A retrospective analysis. (Presentation for the Literacy Research Association Annual Conference).
- Rinker, T. W. & McVee, M. B. (2013, December). Student Engagement with Mediational Tools in a Literacy Clinic: A Multimodal Examination of Clinician Designed Materials. (Presentation for the Literacy Research Association Annual Conference).
- Rinker, T. W., McVee, M. B., Cho, Y. & Schiller, J. A. (2012, November). The Overlooked Role of Teacher Feedback During Literacy Instruction: Tensions Between Engagement, Embodiment, and Ipseity. (Presentation for the Literacy Research Association Annual Conference).

Professional Presentations: Invited

- Shisler, S., Norris, B., & Rinker, T. W. (2014, April). A Multivariate Meta-Analysis of Student Misbehavior and Teacher Burnout. (Presentation for the Graduate School of Education Student Research Symposium at University at Buffalo, SUNY).
- Rinker, T. W. (2013, December). [qdap Demonstration: If You Can Dream up an Analysis then qdap and R Can Help Get You There](#). Presented for Research Institute on Addictions.
- Rinker, T. W. (2013, September). Affordances of HTML5 in Academic Writing: A Tool to Enhance the Interaction With and Presentation of Data. Presented for New Literacies Group at University at Buffalo, SUNY.
- Rinker, T. W. (2013, June). [Data Visualization: Seeing the Story in the Data and Learning to Effectively Communicate It to Others](#). Presented for CLaRI 50th

- Rinker, T. W. (2013, February). Quantitative Discourse Analysis and Visualization. Presented for LAI 626: Discourse Analysis, at University at Buffalo, SUNY.
- Rinker, T. W. (2012, November). Qualitative Data Analysis and Writing. Presented for LAI 659: Qualitative Techniques for Education, at University at Buffalo, SUNY.
- Rinker, T. W. (2012, February). Quantitative Discourse Analysis and Visualization. Presented for LAI 626: Discourse Analysis, at University at Buffalo, SUNY.

Co-instructor
LAI 556 - Classroom-Based Literacy Assessment
with Lynn E. Shanahan
Department of Learning and Instruction
University at Buffalo, SUNY

- rOpenSci Text Workshop 2017
- Journal of Statistical Software Reviewer 2015
- Literacy Research Association Conference Reviewer 2013

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Psychology and Research Methodology Phone: 765-496-0119
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