

## Tyler W. Rinker

---

CONTACT INFORMATION	<b>Campus Labs</b> Department of Research and Development 210 Ellicott Street Buffalo, NY 14203	<i>Mobile:</i> 1-716-472-2642 <i>E-mail:</i> <a href="mailto:tyler.rinker@gmail.com">tyler.rinker@gmail.com</a> <i>Web:</i> <a href="http://trinkerrstuff.wordpress.com">trinkerrstuff.wordpress.com</a> <i>GitHub:</i> <a href="https://github.com/trinker">github.com/trinker</a>
RESEARCH INTERESTS	Text analysis, data visualization, quantitative/qualitative discourse analysis, workflow improvement, and student engagement.	
EDUCATION	<b>University at Buffalo, SUNY</b> Buffalo, NY  Ph.D., Curriculum, Instruction, and the Science of Learning, <i>Expected:</i> May 2017 <ul style="list-style-type: none"><li>• Thesis Topic: <i>Graphical Discourse Analysis</i></li><li>• Concentration: Reading Education</li><li>• Adviser: Lynn E. Shanahan, Ph.D.</li></ul> C.A.S., Applied Statistical Analysis, Spring 2014  <b>Buffalo State College, SUNY</b> Buffalo, NY  C.A.S., Educational Leadership, Spring 2009 <ul style="list-style-type: none"><li>• Adviser: Nancy Chicola, Ph.D.</li></ul> M.S., Childhood & Early Childhood Curriculum & Instruction, Spring 2007  <b>Houghton College</b> Houghton, NY  B.S., Elementary Education, Spring 2002	
RESEARCH EXPERIENCE	<b>Data Scientist</b> Department of Research and Development, <b>Campus Labs</b> Supervisor: John White, Ph.D.  <b>Research Project Manager</b> <b>Center for Literacy and Reading Instruction,</b> University at Buffalo, SUNY Supervisor: Mary M. McVee, Ph.D.  <b>Graduate Assistant</b> Department of Learning and Instruction, University at Buffalo, SUNY Supervisor: Lynn E. Shanahan, Ph.D.	July 2015 to present     Sept 2012 to present   Sept 2010 to Jan 2011
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. <i>Educational Research Review</i> , 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 Mediation 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.

## AWARDS

- William C. Eller Memorial Scholarship 2012-2013
- GSE Student Research Symposium: Best Research Poster 2014
- William C. Eller Memorial Scholarship 2014-2015
- LAI Outstanding Student Researcher 2014-2015

## 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 Mediation 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 Anniversary Literacy Conference: Looking Back, Moving Forward, at University at Buffalo, SUNY.
- 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.

TEACHING  
EXPERIENCE

Instructor

Fall 2014

LAI 556 - Classroom-Based Literacy Assessment  
Department of Learning and Instruction  
University at Buffalo, SUNY

Co-instructor

Spring 2013

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

COMPUTER  
SOFTWARE  
DEVELOPMENT

Computer and Document Languages:

- R,  $\text{\LaTeX}$ , HTML, CSS, R Markdown

Program Development

- 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>

SERVICE	• Journal of Statistical Software Reviewer	2015
	• Literacy Research Association Conference Reviewer	2013

PROFESSIONAL MEMBERSHIPS	• Literacy Research Association	Sept 2012 – Present
	• International Reading Association	Jan 2013 – Present

REFERENCES	Mary B. McVee	
	Associate Professor &	
	Director of the Center for Literacy and Reading Instruction	Phone: 716-645-2458
	Department of Learning and Instruction	E-mail: <a href="mailto:mcvee@buffalo.edu">mcvee@buffalo.edu</a>
	University at Buffalo	
	Lynn E. Shanahan	
	Associate Professor	
	Department of Learning and Instruction	Phone: 716-645-4028
	University at Buffalo	E-mail: <a href="mailto:ls34@buffalo.edu">ls34@buffalo.edu</a>
	Ming Ming Chiu	
	Charles R. Hicks Professor of Educational Psychology and Research Methodology	Phone: 765-496-0119
	Department of Educational Studies	E-mail: <a href="mailto:chiu23@purdue.edu">chiu23@purdue.edu</a>
Purdue University		
Jeremy D. Finn		
SUNY Distinguished Professor	Phone: 716-645-1126	
Department of Educational Leadership and Policy &	E-mail: <a href="mailto:finn@buffalo.edu">finn@buffalo.edu</a>	
Department of Counseling, School, and Educational Psychology		
University at Buffalo		