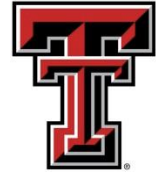




# JOHN RICHARD SCHUMACHER

## CURRICULUM VITAE

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952-807-7145



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### EDUCATION

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***Ph.D. - Experimental Psychology: Cognition & Cognitive Neurosciences***

Texas Tech University | 2014 - Present

Advisor: Dr. Roman Taraban

Dissertation Topic: The effects of cognitions on self-paced reading of moral vignettes.

***M.A. - Experimental Psychology: Cognition & Cognitive Neurosciences***

Texas Tech University | 2014

***B.S. - Psychology***

Colorado State University | 2012

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### TEACHING EXPERIENCE

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**Course Instructor**

PSY 2400	Statistical Methods	Texas Tech University	Spring 2016
PSY 2400	Statistical Methods	Texas Tech University	Fall 2015

**Teaching Assistant**

PSY 5380	Experimental Design	Texas Tech University	Fall 2019
PSY 5495	Multilevel Modeling	Texas Tech University	Spring 2019
PSY 5465	Categorical Data Analysis	Texas Tech University	Fall 2018
PSY 2400	Statistical Methods	Texas Tech University	Spring 2017
PSY 5480	Experimental Design	Texas Tech University	Fall 2016
PSY 2400	Statistical Methods	Texas Tech University	Spring 2015
PSY 5480	Experimental Design	Texas Tech University	Fall 2014
PSY 3401	Research Methods	Texas Tech University	Fall 2013
PSY 3401	Research Methods	Texas Tech University	Spring 2013
PSY 3401	Research Methods	Texas Tech University	Fall 2012





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### STATISTICAL CONSULTING EXPERIENCE

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<i><b>TTU Department</b></i>	<i><b>Role</b></i>	<i><b>Year</b></i>
Graduate School	Lead Statistical & Methodological Consultant for All TTU Graduate Students	Fall 2019
Psychological Sciences	Primary Statistical & Research Design Consultant for All TTU Psychological Sciences Faculty and Graduate Students	Spring 2017 Summer 2017 Fall 2017

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### PAPERS

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**Schumacher, J.R.**, Akers, E., & Taraban, R. (2016, April 1). Unskilled and Unaware: A Metacognitive Bias [Web blog post].

<https://www.improvewithmetacognition.com/unskilled-unaware-metacognitive-bias/>

**Schumacher, J. R.**, & Taraban, R. (2015, June 22). To Test or Not to Test: That is the Metacognitive Question [Web blog post].

<http://www.improvewithmetacognition.com/to-test-or-not-to-test-that-is-the-metacognitive-question/>

Taraban, R., Koduru, L., LaCour, M., **Schumacher, J. R.**, Iserman, M., Nalabandian, T., Carrillo, R., Martis, J. A. (2018, November). Using machine tools to analyze students' ethics essays. Paper presented at the 48th Annual Meeting of the Society for Computers in Psychology (SCiP), New Orleans, LA.

Taraban, R., Marcy, W. M., Koduru, L., **Schumacher, J. R.**, & Iserman, M. (2019). Using machine tools to analyze changes in students' ethical thinking. Proceedings of the American Society of Engineering Education (ASEE) Annual Conference, Tampa, FL

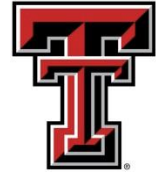




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### PAPERS CONT.

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Taraban, R., Paniukov, D., **Schumacher, J. R.**, & Kiser, M. (2015, October 2).  
Metacognitive Judgments of Knowing [Web blog post].  
<http://www.improvewithmetacognition.com/metacognitive-judgments-of-knowing/>

Taraban, R., **Schumacher, J. R.**, Dulli, H., Lamp, D., & Anderson, E. E. (2019).  
Assessing problem-solving strategy use by engineering undergraduates.  
Proceedings of the American Society of Engineering Education (ASEE) Annual  
Conference, Tampa, FL.

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### CONFERENCE PRESENTATIONS

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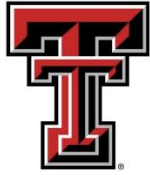
Akers, E., **Schumacher, J. R.**, & Taraban, R. (2016, November) *Studying Lecture Notes Increases Overconfidence as Measured by JOLs and Recall Scores*. Poster presented at the annual Psychonomic Society meeting, Boston, MA.

Akers, E., Taraban, R., Paniukov, D., & **Schumacher, J. R.**, Dominguez, S., & Parker, D. P. (2015, April). *When Teachers Lecture, What Do Students Recall With and Without Notes?* Poster presented at the annual Southwestern Psychological Association meeting, Wichita, KS.

Paniukov, D., Taraban, R., & **Schumacher, J. R.** (2014, April). *Segmentation and Testing Effects in Expository Text Recall*. Talk presented at the annual Southwestern Psychological Association meeting, San Antonio, TX.

**Schumacher, J. R.**, Taraban, R., & Paniukov, D. (2015, April). *The Impact of Testing and Self-Explanation on Expository Text Recall*. Poster presented at the annual Southwestern Psychological Association meeting, Wichita, KS.





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### CONFERENCE PRESENTATIONS CONT.

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**Schumacher, J. R.,** Taraban, R., & Paniukov, D. (2014, April). *Strategy Use Complements Testing Effects in Expository Text Recall*. Talk presented at the annual Southwestern Psychological Association meeting, San Antonio, TX.

**Schumacher, J. R.,** & Levulis, S. J. (2016, June). *The Relationship between State-wide Handheld Cell Phone Bans and Fatal Motor Vehicle Accident Rates: An Epidemiological Study Using Hierarchical Linear Modelling*. Poster presented at the annual Human Factors and Ergonomic Society meeting, Houston, TX.

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### INVITED PRESENTATIONS

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**Schumacher, J. R.,** & Taraban, R., (2017, April). Sound design and reliable implementation: Keys to worthwhile and generalizable research. Society of Clinical Research Associates (SoCRA). Texas Tech University Health Sciences Center. Lubbock, TX.

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### HONORS

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- |   |      |
|---|------|
| ➤ Helen DeVitt Jones Excellence in Graduate Teaching  | 2016 |
| ➤ Excellence in Teaching an Undergraduate Lab for the Department of Psychological Sciences at Texas Tech University | 2016 |
| ➤ Excellence in Teaching a Graduate Lab for the Department of Psychological Sciences at Texas Tech University       | 2019 |

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### PROFESSIONAL MEMBERSHIP AND SERVICE

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- |  |             |
|--|-------------|
| ❖ Graduate Student Representative for the Southwestern Psychological Association | 2014 - 2015 |
|--|-------------|

