**Addie Wikowsky**

Relocating to Chicago, IL area in August 2019

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***EDUCATION***

**Master of Science in Psychology**, Expected August 2019, *Missouri State University*, Springfield, MO

* Thesis: Expertise within Working Memory and Fluid Intelligence
* Relevant Coursework: Ethical and Professional Issues, Perception, Directed Research, Thesis

**Certificate in Statistics and Research Design**, May 2019, *Missouri State University*, Springfield, MO

* Relevant Coursework: Advanced Psychological Statistics, Research Methods, Tests and Measures, SEM

**Bachelor of Science in Psychology, Minor in Biology**, December 2016, *Missouri Western State University*, Saint Joseph, MO

***SKILLS***

* R Studio/SPSS
* Research Hypothesis Testing
* Human Subject Testing
* Qualitative/Quantitative Research
* Academic Writing
* Qualtrics
* Microsoft Office Suite
* G Suite
* Conference Presentations
* Oral/Written Communication
* Problem Solving
* Critical Thinking
* Leadership

***RESEARCH LAB EXPERIENCE***

**Deciphering Outrageous Observations and Modeling (DOOM) Lab**, Springfield, MO

Expertise within Working Memory & Fluid Intelligence (Thesis), *Fall 2018 - Summer 2019*

*Missouri State University*

* Completed literature review, IRB proposal, committee proposal presentation, data collection (via Qualtrics), analyses in R Studio, and defense
* Correlated different levels of expertise (typing and foreign language) using working memory and fluid intelligence scores

Development of Patient Defined Migraine Assessment (In Progress), *Fall 2018 - Summer 2019*

*Missouri State University*

* Assisted in coding the 10 participants responses in phase one interviews
* Helped create questions for first round of data collection (phase two). This included 200+ questions in Qualtrics sent to 100 participants
* Performed EFA’s on participants responses in R Studio (phase three) to see questions with the highest loadings on related themes

Using the Semantic Priming Project to Understand Variability in Priming, *Fall 2018*

*Missouri State University*

* Performed multiple MLM analyses in R Studio while correcting for which path was significant
* These MLM’s looked at the variability in priming effects focusing on: word length, frequency, neighborhood/set sizes, and parts of speech.

Quantitative Reasoning: Individual Differences in Heart Rate and Response Latency, *Fall 2018*

*Missouri State University*

* Trained to use Wechsler Intelligence Test (WAIS-III) for research purposes
* Collected data using a heart rate monitor
* Responsible for briefing participants when they arrived

Have Researchers Increased Reporting of Outliers in Response to the Reproducibility Crisis?, *Fall 2017 – Spring 2018*

*Missouri State University*

* Replicated study from 2012 to see if more outliers had been reported since the original study
* Reviewed 10 of 27 journals and took the “latest” 25 articles in those journals for mention of outliers

**Missouri Western State University,** Saint Joseph, MO

ADHD, Stigma, and Metacognition: Does it Get Better with Age?, *Fall 2016*

*Missouri Western State University*

* Coded collected data in SPSS
* Helped prepare and give presentation at international conference

Violent Crimes & Acquired Capability for Suicide in Adult Male Prisoners, *Fall 2016*

*Missouri Western State University*

* Coded data to reflect whether the inmate had committed a violent or nonviolent crime
* Performed MANOVA’s and correlations in SPSS to see if our hypotheses were supported
* Assisted in writing manuscript for submission to journal

***ACADEMIA EXPERIENCE***

Senior Learning Assistant for Introductory Psychology, *Fall 2017 - Spring2019*

*Missouri State University*

* Evaluated and graded exams, assignments, reports, and grades
* Conducted all grading practices through Blackboard and Excel to ensure correct scores
* Helped mentor, develop goals, organization skills, and study supplies to struggling students

Advanced Readings in Neuroscience, *Fall 2016*

*Missouri Western State University*

* Independent course researching readings, novels, and textbooks to learn about neuroscience in psychology
* Goal of this course was to get it established in the curriculum at Missouri Western since there was only one introductory course for neuropsychology

Biology Teaching Practicum, *Summer 2016*

*Missouri Western State University*

* Graded lab projects submitted by students
* Proctored online exams through a secure portal

Counseling Center (Practicum), *Spring 2016*

*Missouri Western State University*

* Researched biofeedback machines that could implement more stress and relaxation methods in the counseling center
* Contacted surrounding universities to see if/what types of machines they used
* Presented findings to the counselors at the end of the semester

***APPLICATIONS DESIGNED IN R STUDIO (SHINY)***

Word Space Creator: A Visual Tool for Semantic Space Visualization, *Fall 2018*

*Missouri State University*

* Created a Shiny application in R Studio that allowed people to upload their personal data to see a visualization of their semantic space models
* Link to application: https://doomlab.shinyapps.io/wordspace/

Measuring Effects: An Online App for Effect Size Calculation for Research and Statistics Classes, *Fall 2017*

*Missouri State University*

* Created a Shiny application in R Studio that calculated effect sizes for multiple mean differences and variance overlap tests
* https://doomlab.shinyapps.io/mote/

***PUBLICATIONS***

Mandracchia, J. T., Sylvara, A. L., **Wikowsky, A. J.**, Tieman, K. L., & Smith, P. N., (2018). An Exploratory Analysis of Violent Offending and the Acquired Capability for Suicide in Male Prisoners. The International Journal of Offender Therapy and Comparative Criminology. *International Journal of Offender Therapy and Comparative Criminology* 62(11), 3436-3446.

Buchanan, E.M., Gillenwaters, A., Padfield, W.E., Van Nuland, A., & **Wikowsky, A.** (Under Review). Word space creator: A visual tool for semantic space visualization. *The Quantitative Methods for Psychology.*

Valentine, K.D., Buchanan, E.M., Cunningham, A., Hopke, T.G., **Wikowsky A.**, & Wilson H. (Submitted). Have researchers increased reporting of outliers in response to the reproducibility crisis?. *Social and Personality Psychology Compass.*

***PRESENTATIONS (NATIONAL/INTERNATIONAL)***

Buchanan, E., Maxwell, N., Valentine, K. D., Cunningham, A., Gillenwaters, A., Padfield, W., Hopke, T., Van Nuland, A., **Wikowsky, A.**, (2018, November). *Using the Semantic Priming Project to Understand Variability in Priming*. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA.

Thorup, J., England, B., & **Wikowsky, A.** (2016, November). *ADHD, Stigma, and Metacognition: Does It Get Better With Age?* Poster presented at Psychonomic Society’s 57th Annual Meeting, Boston, MA.

**Wikowsky, A.**, Tieman, K., Mandracchia, J., & Gonzalez, R. (2016, March). *The Clinical Applicability of the Interpersonal Needs Questionnaire in Adult Male Prison Inmates*. Poster presented at the American Psychology-Law Society Conference, Atlanta, GA.

***PRESENTATIONS (REGIONAL)***

**Wikowsky, A.**, Buchanan, E., Cady, R., Manley, H., Sly, J., Cunningham, A., (2019, April). *Development of Patient Defined Migraine Assessment*. Poster to be presented at the 91st Annual Meeting of the Midwestern Psychological Association (MPA), Chicago, IL.

Buchanan, E., Valentine, K.D., Cunningham, A., Hopke, T., **Wikowsky, A.**, Wilson, H., (2018, April). *Outrageous Observations: The Redheaded Stepchild of Data Analysis*. Poster presented at the 90th Annual Meeting of the Midwestern Psychological Association (MPA), Chicago, IL.

Buchanan, E., Padfield, W., **Wikowsky, A.**, Van Nuland, A., (2018, April). *Measuring Effects: An Online App for Effect Size Calculation for Research and Statistics Classes*. Poster presented at the 90th Annual Meeting of the Midwestern Psychological Association (MPA), Chicago, IL.

Sylvara, A., **Wikowsky, A.**, Tieman, K., & Mandracchia, J., (2017, March-April). *Violent Crimes and Acquired Capability for Suicide in Adult Male Prisoners*. Poster presented at the 63rd Annual Meeting of the Southwestern Psychological Association (SWPA), San Antonio, TX.