

# Joshua Shive

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## EDUCATION

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### **Purdue University**

West Lafayette, IN 2008  
Doctor of Philosophy, Cognitive Psychology  
Dissertation: Applying Computational Models of Visual Search to Map Display Design.

### **Purdue University**

West Lafayette, IN 2004  
Master of Science, Cognitive Psychology  
Thesis: Applying models of visual search to map design.

### **Truman State University**

Kirksville, MO 2002, 2000  
Bachelor of Science, Psychology; Bachelor of Arts, Communications  
Cum Laude

## PUBLICATIONS

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Shive, J., & Francis, G. (in press). Choosing colors for map display icons using models of visual search. Human Factors.

Francis, G., Bias, K., & Shive, J. (2010). The psychological four-color mapping problem. Journal of Experimental Psychology: Applied, 16, 109-123.

Shive, J., & Francis, G. (2008). Applying models of visual search to map display design. International Journal of Human-Computer Studies, 66, 67-77.

## PRESENTATIONS AND ABSTRACTS

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Shive, J., & Francis, G. (2008). Applying computational models of visual search to map design. Poster presented at the Vision Sciences Society, Naples, FL.

Shive, J., & Francis, G. (2006). Applying models of visual search to map design. Poster presented at the Hoosier Mental Life Conference, Bloomington, IN.

Shive, J., & Francis, G. (2005). Applying models of visual search to map design.  
Poster presented at the Vision Sciences Society, Sarasota, FL.

Erickson, J. M., Francis, G., & Shive, J. M. (2004). The spatial spread of filling-in for afterimages produced from orthogonal pairs of stimuli. Poster presented at the annual meeting of the Vision Sciences Society, Sarasota, FL.