

**Jeremiah D. Still, Ph.D.**  
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**MAS Option in Human Factors & Usability Testing, Director**  
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**Mailing Address:**

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Missouri Western State University  
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**Education:**

Ph.D., 2009, Human Computer Interaction, Iowa State University

M.S., 2006, Psychology, Iowa State University

B.S., 2004, Psychology, Missouri Southern State University – Joplin

Graduate Student Teaching Certificate, 2009, Center for Excellence in Learning and Teaching, Iowa State University

**Refereed Publications:**

**Still, J. D .,** & Dark, V. J. (In press). Examining working memory load and congruency effects on affordances and conventions. *International Journal of Human-Computer Studies*. [ [Accepted manuscript](#) ] Impact Factor: 2.5

**Still, J. D.** & Masciocchi, C. M. (2010). A saliency model predicts fixations in web interfaces. *Proceedings of the Computer-Human Interaction Conference, 5th International Workshop on Model-Driven Development of Advanced User Interfaces*, Atlanta, GA. [ [Article](#) ]

**Still, J. D.,** & Dark, V. J. (2008). An empirical investigation of affordances and conventions. *Proceedings of the Third International Conference on Design Computing and Cognition* , 457-472. [ [Article](#) ] Acceptance Rate: 16%

Dohse, K. C., Dohse, T., **Still, J. D.,** & Parkhurst, D. J. (2008). Enhancing multi-use interaction with multi-touch tabletop displays using hand tracking. *IEEE Proceedings of the First International Conference on Advances in Computer-Human Interaction*, 297 – 302. [ [Article](#) ] Acceptance Rate: 30%

## Paper & Poster Presentations:

Grgic, J. & **Still, J. D.** (2010, May). *Affordance interactions are affected by spatial working memory load*. Poster presented at the meeting of the Midwestern Psychological Association, Chicago, IL.

**Still, J. D.** & Masciocchi, C. M. (2010, April). *A saliency model predicts fixations in web interfaces*. Paper presented at the Computer-Human Interaction Conference, 5th International Workshop on Model-Driven Development of Advanced User Interfaces, Atlanta, GA.

Wellman, D., Vey, M. & **Still, J. D.** (2010, March). *Visual saliency and website design*. Poster presented at the Great Plains Conference, St. Joseph, MO.

Wynn, J. S. & **Still, J. D.** (2010, March). *Comparison of two accelerated usability test data analysis techniques*. Poster presented at the Great Plains Conference, St. Joseph, MO.

Chowdhury, S. K. & **Still, J. D.** (2010, March). *Effect of opacity of stimulus in deployment of interest in an interface*. Poster presented at the Great Plains Conference, St. Joseph, MO. { \*Awarded 1st Place\* }

Grgic, J. E., Masciocchi, C. & **Still, J. D.** (2010, March). *Designing human-centered notifications*. Poster presented at the Great Plains Conference, St. Joseph, MO. { \*Awarded 3rd Place\* }

**Still, J. D.**, & Dark, V. J. (2009, April). *The cost of violating design affordances and conventions*. Poster presented at the Emerging Technologies Conference, Ames, IA. [ [pdf](#) ]

**Still, J. D.**, Dark, V. J. & Parkhurst, D. J. (2008, November). *Dense regions of view-invariant features promote object recognition*. Poster presented at the Object Perception, Attention & Memory Conference, Chicago, IL. [ [Abstract](#) ] [ [pdf](#) ]

**Still, J. D.**, & Dark, V. J. (2008, June). *An empirical investigation of affordances and conventions*. Paper presented at the meeting of the Third International Conference on Design Computing and Cognition, Atlanta, GA. [ [Abstract](#) ]

**Still, J. D.**, Dark, V. J., & Parkhurst, D. J. (2008, May). *What determines where you look in photographs of complex objects?* Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL. [ [Abstract](#) ]

**Still, J. D.**, & Dark, V. J. (2008, April). *When "arbitrary" decisions aren't arbitrary: Conventions and design*. Poster presented at the Emerging Technologies Conference, Ames, IA. [ [pdf](#) ]

Dohse, K. C., Dohse, T., **Still, J. D.**, & Parkhurst, D. J. (2008, February). *Enhancing multi-use interaction with multi-touch tabletop displays using hand tracking*. Paper presented at the meeting of the First International Conference on Advances in Computer-Human Interaction, Sainte Luce, Martinique. [ [Abstract](#) ]

**Still, J. D.**, Dark, V. J., & Parkhurst, D. J. (2007, May). *Viewpoint invariant object features attract overt visual attention* . Poster presented at the meeting of the Vision Sciences Society, Sarasota , FL. [[Abstract](#)] [[pdf](#)]

Wolff, T., **Still, J. D.**, Parkhurst, D. J. & Dark, V. J. (2007, May). *Invariant features detected with computer vision allow better human object recognition in photographs* . Poster presented at the meeting of the Midwestern Psychological Association, Chicago , IL . [[Abstract](#)] [[pdf](#)]

\* 1st place , Psychology Undergraduate Poster Competition, Psychology Department, Iowa State University Awarded to Trevor Wolff

**Still, J. D.**, Dohse, T., & Dohse K. C. (2007, April). *Touch table augmented with skin detection*. Poster presented at the Emerging Technologies Conference, Ames , IA. [[YouTube.com](#)]

Tan, W. P., **Still, J. D.**, & Dark, V. J. (2006, November). *Attenuating the attentional blink by including salient temporal events in the RSVP stream*. Poster presented at the meeting of the Psychonomic Society, Houston , TX . [[Abstract](#)] [[pdf](#)]

**Still, J. D.**, Tan, W. P., & Dark, V. J. (2006, May). *Does number of items or time affect attentional blink magnitude?* Poster presented at the meeting of the Midwestern Psychological Association, Chicago , IL . [[Abstract](#)] [[ppt](#)] [[pdf](#)]

Tan, W. P., **Still, J. D.**, & Dark, V. J. (2006, May). *Measuring the AB effect in an irregularRVSP stream* . Poster presented at the meeting of the Midwestern Psychological Association, Chicago , IL . [[Abstract](#)] [[ppt](#)] [[pdf](#)]

**Still, J. D.** (2003, November). *Effects of super conditioning when mice are required to discriminate between elements of a compound stimulus when conditioned taste aversion is the paradigm*. Paper presentation at the meeting of the Association of Psychological & Educational Research in Kansas, Emporia , KS.

### **Media Publication:**

**Still J. D.**, & Cronk, B. (April, 2010). Putting the Spotlight on Human Factors. *Human Factors and Ergonomics Society Bulletin*. [[article](#)]

### **Guest Lectures:**

- Invited Research Talk at New Mexico State University (Fall, 2008) - *Viewing Affordances from a Cognitive Design Perspective*
- Invited Research Talk at Missouri Western State University (Fall, 2008) - *Viewing Affordances from a Cognitive Design Perspective*
- Invited Lecture at Missouri Southern State University (Fall, 2007) - *My Experience , Applying, Interviewing, and Being Accepted to Graduate School*
- Class in Learning and Memory (Fall, 2007) - Covered Course Content , *Memory Illusions*

- Class in Theories of Designing Effective Learning and Teaching (Fall, 2006) – Reviewed Selective Attention Concepts , *Considering Attention during the Instructional Design Process*

## Teaching Experience:

### *Graduate Courses:*

- Instructor (Spring, 2010) - Psych610- User Centered Design Methods at Missouri Western State University for the Department of Psychology. Instructor overall rating: 5 out of 5
- Instructor (Fall, 2009) - Psych590- Cognition in Design at Missouri Western State University for the Department of Psychology. Instructor overall rating: 5 out of 5
- Instructor (Fall/Spring, 2009/2010) - Psych693/694- Seminar in Human-Centered Design (I/II) at Missouri Western State University for the Department of Psychology. Instructor overall rating: 5 out of 5

### *Undergraduate Courses:*

- Instructor (Spring, 2010) - Psych101- General Psychology at Missouri Western State University for the Department of Psychology. Instructor overall rating: 5 out of 5
- Instructor (Fall, 2009) - Psych355 - Sensation & Perception at Missouri Western State University for the Department of Psychology. Instructor overall rating: 4 out of 5
- Instructor (Spring, 2008 & 2009) - Psych350x - Human Factors in Technology at Iowa State University for the Department of Psychology. Spring 2008 Instructor overall rating: 4 out of 5 [[Syllabus](#)] [[Youtube](#)]
- Facilitator (Fall, 2007 & Spring, 2008) – *Student organized Human-Computer Interaction weekly seminar* [[Seminar](#)]
- Instructor (Summer, 2007) – Marketing Yourself with Web Design short-course at Iowa State University during the Summer Program for Interdisciplinary Research and Education sponsored by NSF
- Instructor (Summer, 2006 & 2007) – Psychology of HCI short-course at Iowa State University during the Summer Program for Interdisciplinary Research and Education sponsored by NSF
- Teaching Assistant (Summer, 2004) - Applied Statistics course at Missouri Southern State University - Joplin

## Foundation of the Psychology of Design (PoD) lab (August 2009)

Visit our digital residence at <<http://staff.missouriwestern.edu/users/jstill2/index.htm>>. Take a virtual lab tour at <<http://www.youtube.com/watch?v=hRXgwnr8dXU>>. Research in the PoD focuses on the creation of usable interfaces by adapting psychological theories to the design process. The goal of PoD is to scientifically develop and test design considerations using formal and practical methodologies.

## Honors & Awards:

- Exceptional Teaching in a Small Enrollment Course Award, awarded Fall 2008, Department of Psychology at Iowa State University

- Design Cognition Best Paper Prize at the Third International Conference on Design Computing and Cognition (2008, Georgia Institute of Technology)
- Human-Computer Interaction Student of the Year, awarded Spring 2008, Iowa State University [ [Video](#) ]
- Glenn D. Dolence Recognition Award “Distinguished Contributions to the University Community”, awarded Spring 2004, Missouri Southern State University – Joplin
- Nominated for Outstanding Psychology Student, awarded Spring 2004, Missouri Southern State University – Joplin
- Psi Chi (Psychology National Honor Society)
- Omicron Delta Kappa (National Leadership Honor Society)

### Professional Affiliations:

- ACM's Special Interest Group on Human-Computer Interaction (SIGCHI)
- Member of the Association for Psychological Science
- Member of the Midwestern Psychological Association
- Member of the Association for Computing Machinery
- Member of the Human Factors & Ergonomics Society

### Reviewer:

2005 - 2009: Iowa State 's Liberal Arts & Sciences' Computer Advisory Committee releases approximately \$1,200,000 to departments for students' educational computing needs a year. Each committee member reviews approximately 80 proposals yearly.

### Grants:

- Faculty Travel Grant, Missouri Western State University (2009 & 2010)
- \$36,006 (Fully Funded). *Alternative Technology Exploratorium & Usability Lab* - to expose Iowa State students to a variety of non-traditional technologies and provide the tools essential for hands-on usability testing activities. Submitted 2/15/08; Iowa State University Computer Advisory Committee, Project Leaders: Ana Paula Correia, Clyciane K. Micheline, Stephen Gilbert, Sheley Johnson Other Faculty Participants: Cheryl Achterberg, Carl Smith, Niki Davis, Brian Mennecke, Anthony Townsend, Lori Brunner, Sunghyun Kang Graduate Student Participants: **Jeremiah Still** , Michael Oren, Jacob Larsen, Evrim Baran Undergraduate Student Participants: Melanie Ritcher, Ginny Rogers, Kate Schmidt, Matthew Wisniewski, Kurt Jones.
- \$49,840 (Not Funded). Constructing a Virtual Laboratory Environment , Iowa State University Computer Advisory Committee, Submitted 3/17/06 . Project Leader: Veronica Dark Graduate Student Participant: **Jeremiah Still**
- Professional Advancement Travel Grant, Iowa State Graduate College (2006, 2007 & 2008)

### Community Projects:

- E-media group (Channel KQ2) - *SaintJoeChannel.com*: Eye tracking study & four usability tests, *Performed by Wynn, Chowdhury and Rodgers students working in the PoD lab*

- An instructional Tornado Safety Tutorial for the Story County Emergency Management Agency. The Tornado Safety Tutorial has been launched check it out at: <http://apps.storycounty.com/tornado/>.
- Still, J. D. (2004, May). [Hands-free cellular phones: Greatest hidden public hazard on the roadway](#). Cited and Linked by Wikipedia.

### **Search Committees:**

- Information Technology Administrator (2006)
- Human Computer Interaction Faculty (2007-2008)

### **Departmental Service:**

2009 - present : Director of the MAS: Human Factors & Usability Testing Graduate Program (MWSU)

2009 - present : Graduate Council Committee (MWSU)

2009 - present: Chair of the Participant Pool Committee (MWSU)

2009 - 2010 : Great Plains Student Conference Committee (MWSU)

2006 - 2009 : Sona Experiment Management System Administrator (ISU)

2006 - 2009 : Psychology Research Participant Pool Committee (ISU)

2004 - 2009 : Administrator of the Psychology Department Website (ISU)

2007 - 2008 : Human Computer Interaction Executive Committee (ISU)

2007 - 2008 : Human Computer Interaction Student Organization President (ISU)

2003 - 2004 : Psychology Club President (MSSU)

2003 - 2004 : Administrator of the Psychology Club & Phi Chi Website (MSSU)

### **Research Experience:**

2004 - 2009 : Research Assistant  
 Attention & Memory Laboratory  
 Department of Psychology & Human-Computer Interaction Program  
 Iowa State University  
*Advisor:* Veronica J. Dark, Ph.D.

E-mail: [vjdark\[at\]iastate.edu](mailto:vjdark[at]iastate.edu)

2005 -2007 : Research Assistant  
Human and Computer Vision Laboratory  
Department of Psychology & Human-Computer Interaction Program  
Iowa State University  
*Principal Investigator:* Derrick Parkhurst, Ph.D.

E-mail: derrick.parkhurst[at]gmail.com

***Please Request References***