

CURRICULUM VITAE

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Academic Appointments

- 2007–2008 Assistant Professor, Psychology Department, California State University, East Bay, Hayward, CA
- 2003–2007 Research Fellow, Visual Attention Laboratory, Brigham and Women's Hospital and Harvard Medical School, Boston, MA

Education

- 1996–2003 University of Michigan, Ann Arbor, Michigan
Ph.D. in Psychology, 2003
M.A. in Psychology, 1999
M.A. in Statistics, 1999
- 1992–1996 Lewis & Clark College, Portland, OR
B.S. in Psychology, 1996

Teaching Experience

- 2007–2008 Assistant Professor, California State University, East Bay:
Psychology 4802: Sensation and Perception Lab
Psychology 4220: Cognitive Processes
Psychology 3100: Experimental Psychology
Psychology 2020: Methods of Investigation
- 1999–2002 Graduate Student Instructor, University of Michigan:
Psychology 613/614: Advanced Statistical Methods
Psychology 345: Human Neuropsychology
Psychology 341: Cognitive Psychology Research Lab
Psychology 111: Introduction to Psychology
- 1996 Teaching Assistant, Lewis & Clark College:
Psychology 111: Statistics I

Awards

National Institutes of Health NRSA Postdoctoral Fellowship, 2004.

Horace H. Rackham Dissertation Fellowship, 2003.

National Science Foundation Graduate Fellowship, 1997.

Horace H. Rackham First-Year Graduate Fellowship, 1996.

Publications

Fencsik, D. E., Klieger, S. B., & Horowitz, T. S. (2007). The role of location and motion information in the tracking and recovery of moving objects. *Perception & Psychophysics*, *69*, 567–577.

Horowitz, T. S., Fine, E. M., Fencsik, D. E., Yurgenson, S., & Wolfe, J. M. (2007). Fixational eye movements are not an index of covert attention. *Psychological Science*, *18*, 356–363.

Horowitz, T. S., Fencsik, D. E., Fine, E. M., Yurgenson, S., & Wolfe, J. M. (2007). Microsaccades and attention: Does a weak correlation make an index? Reply to Laubrock, Engbert, Rolfs, & Kliegl (2007). *Psychological Science*, *18*, 367–368.

Horowitz, T. S., Klieger, S. B., Fencsik, D. E., Yang, K. K., Alvarez, G. A., & Wolfe, J. M. (2007). Tracking unique objects. *Perception & Psychophysics*, *69*, 172–184.

Fencsik, D. E., Urrea, J., Place, S. S., Wolfe, J. M., & Horowitz, T. S. (2006). Velocity cues improve visual search and multiple object tracking. *Visual Cognition*, *14*, 92–95.

Horowitz, T. S., Birnkrant, R. S., Fencsik, D. E., Tran, L., & Wolfe, J. W. (2006). How do we track invisible objects? *Psychonomic Bulletin & Review*, *13*, 516–523.

Gehring, W. J. & Fencsik, D. E. (2001). Functions of the medial frontal cortex in the processing of conflict and errors. *Journal of Neuroscience*, *21*, 9430–9437.

Schumacher, E. H., Seymour, T. L., Glass, J. M., Fencsik, D. E., Lauber, E. J., Kieras, D. E., & Meyer, D. E. (2001). Virtually perfect timesharing in dual-task performance: Uncorking the central cognitive bottleneck. *Psychological Science*, *12*, 101–108.

Manuscripts in Preparation

Fencsik, D. E., Place, S. S., & Horowitz, T. S. *Rapid recovery of moving targets following task disruption*. (in preparation)

Fencsik, D. E., Seymour, T. L., Mueller, S. T., Kieras, D. E., & Meyer, D. E. *Representation and processing of objects and object features in visual working memory*. (submitted)

Palmer, E. M., Fencsik, D. E., Flusberg, S. J., Horowitz, T. S., & Wolfe, J. W. *Set size effects in visual search cannot be explained by a single decision rule*. (submitted)

Doctoral Dissertation

Representation and Processing of Objects and Object Features in Visual Working Memory. Committee: David Meyer (chair), William Gehring, David Kieras, and Patricia Reuter-Lorenz.

Conference Presentations

Fencsik, D. E., Place, S. S., Wolfe, J. M., & Horowitz, T. S. (2007). *Faster is not necessarily better in visual search*. Poster presented at the 7th Annual Meeting of the Vision Sciences Society, Sarasota, FL, May 11–16.

Fencsik, D. E., Horowitz, T. S., Flusberg, S. J., & Wolfe, J. M. (2006). *Change detection has no foresight: Measuring advanced knowledge of changes across displays*. Talk presented at the 6th Annual Meeting of the Vision Sciences Society, Sarasota, FL, May 5–10.

Horowitz, T. S., Fine, E. M., Fencsik, D. E., Yurgenson, S., & Wolfe, J.M. (2006). *Fixational eye movements do not predict attentional benefits*. Talk presented at the 6th Annual Meeting of the Vision Sciences Society, Sarasota, FL, May 5–10.

Wolfe, J. M., Horowitz, T. S., Fencsik, D. E., & Flusberg, S. J. (2006). *Visual search has no foresight*. Talk presented at the 6th Annual Meeting of the Vision Sciences Society, Sarasota, FL, May 5–10.

Wolfe, J. M., Flusberg, S. J., Fencsik, D. E., & Horowitz, T. S. (2005). *Visual search has no foresight: An event-related signal detection approach to speeded visual search tasks*. Talk presented at the 46th Annual Meeting of the Psychonomic Society, Toronto, ON, November 10–13.

Fencsik, D. E., Horowitz, T. S., Place, S. S., Klieger, S. B., & Wolfe, J. M. (2005). *Target tracking during interruption in the multiple object tracking task*. Poster presented at the 5th Annual Meeting of the Vision Sciences Society, Sarasota, FL, May 6–11.

Horowitz, T. S., Klieger, S. B., Wolfe, J. M., Fencsik, D. E., & Alvarez, G. A. (2004). *How many unique objects can you track?* Talk presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN, November 18–21.

Horowitz, T. S., Klieger, S. B., Wolfe, J. M., Alvarez, G. A., & Fencsik, D. E. (2004). *Do you know what you are tracking?* Poster presented at the 27th Annual Meeting of the European Conference on Visual Perception (ECVP), Budapest, Hungary, August 22–26.

Fencsik, D. E., Horowitz, T. S., Klieger, S. B., & Wolfe, J. M. (2004). *Target reacquisition strategies in multiple object tracking*. Poster presented at the 4th Annual Meeting of the Vision Sciences Society, Sarasota, FL, April 30–May 5.

Horowitz, T. S., Birnkrant, R. S., Wolfe, J. M., Tran, L., & Fencsik, D. E. (2004). *Tracking invisible objects*. Poster presented at the 4th Annual Meeting of the Vision Sciences Society, Sarasota, FL, April 30–May 5.

Fencsik, D. E., Seymour, T. L., Mueller, S. T., Kieras, D. E., & Meyer, D. E. (2002). *Representation, retention, and recognition of information in visual working memory*. Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO, November 21–24.

Meyer, D.E., Kieras, D. E., Schumacher, E. H., Fencsik, D., & Glass, J. M. B. (2001). *Prerequisites for virtually perfect time sharing in dual-task performance*. Paper presented at the annual meeting of the Psychonomic Society, Orlando, FL, November 15–18.

Gehring, W. J., & Fencsik, D. (1999). *Slamming on the brakes: An electrophysiological study of error response inhibition*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Washington, DC, April 10–13.

Fencsik, D., & Nilsen, E. (1997). *To tap or not to tap: Button actions on a trackpad*. Paper presented at the meeting of the Western Psychological Association.

Nilsen, E., Emerson, M., Fencsik, D., & Isenberg, Z. (1997). *When relative mapping is absolutely better: A study of a hybrid input device*. Paper presented at the meeting of the Western Psychological Association.

Nilsen, E., Fencsik, D., Smith, A., Solares, L., & Stratton, S. (1995). *Reducing visual stress symptoms of VDT users with prescription eyeglasses*. Proceedings of the Conference on Human Factors in Computing, CHI '95. Denver, CO, May 7–11.

Professional Activities

Professional Memberships: *American Psychological Society, Vision Sciences Society*

Ad hoc Reviewer: *Acta Psychologica, Behavioural Brain Research, Cognition, Experimental Psychology, Journal of Experimental Psychology: Human Perception and Performance, Perception & Psychophysics, Psychological Research, Psychological Science, Quarterly Journal of Experimental Psychology, Visual Cognition*