

CURRICULUM VITAE

September, 2015

DAVID FENCSIK

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Academic Appointments

- 2015–present Chair, Psychology Department, California State University, East Bay, Hayward, CA
- 2013–present Associate Professor, Psychology Department, California State University, East Bay, Hayward, CA
- 2007–2013 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

Courses Taught

- Psychology 4802: Sensation & Perception Lab
- Psychology 4345: Sensation & Perception
- Psychology 4220: Cognitive Processes
- Psychology 3100: Experimental Psychology
- Psychology 2020: Methods of Investigation

Publications

- Palmer, E. M., Fencsik, D. E., Flusberg, S. J., Horowitz, T. S., & Wolfe, J. M. (2011). Signal detection evidence for limited capacity in visual search. *Attention, Perception, & Psychophysics*, 73, 2413–2424.

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.

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.

Presentations at National Conferences (CSUEB Students/Alumni are in bold)

Fencsik, D., **Wendel, L.**, Wolfe, J., & Horowitz, T. (2011, May). *Faster is more efficient in visual search for motion*. Poster presented at the 11th Annual Meeting of the Vision Sciences Society, Naples, FL.

Palmer, E., Fencsik, D., Horowitz, T., & Wolfe, J. (2011, May). *Signal detection evidence for an attentional bottleneck in spatial configuration visual search*. Poster presented at the 11th Annual Meeting of the Vision Sciences Society, Naples, FL.

Fencsik, D., Place, S., **Johnson, M.**, & Horowitz, T. (2010, May). *Rapid recovery of moving targets following task disruption*. Poster presented at the 10th Annual Meeting of the Vision Sciences Society, Naples, FL.

Rich, A., English, T., & Fencsik, D. E. (2010, May). *Visual working memory for multiple feature changes: Evidence from synaesthesia*. Poster presented at the 10th Annual Meeting of the Vision Sciences Society, Naples, FL.

Fencsik, D. E., **Wendel, L. V.**, Wolfe, J. M., & Horowitz, T. S. (2009, November) *Faster moving targets are detected efficiently in visual search*. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.

Fencsik, D. E., & **Heaton, J. L.** (2009, May). *Durability of feature-based and object-based representations in visual short-term memory*. Poster presented at the 9th Annual Meeting of the Vision Sciences Society, Naples, FL.

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

Fencsik, D. E., Horowitz, T. S., Flusberg, S. J., & Wolfe, J. M. (2006, May). *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.

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

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

Wolfe, J. M., Flusberg, S. J., Fencsik, D. E., & Horowitz, T. S. (2005, November). *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.

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

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

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

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

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

Fencsik, D. E., Seymour, T. L., Mueller, S. T., Kieras, D. E., & Meyer, D. E. (2002, November). *Representation, retention, and recognition of information in visual working memory*.

Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, MO.

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

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

Presentations at Regional/Local Conferences (CSUEB Students/Alumni are in bold)

Gill, N., & Fencsik, D. (2012, April). *Effects of disruptions on multiple object tracking*. Presented at the Annual California Cognitive Science Conference, Berkeley, CA.

Gill, N., & Fencsik, D. (2011, May). *Effects of distraction on recovery time*. Presented at the UC Berkeley Psychology Undergraduate Research Conference, Berkeley, CA.

Presentations at CSUEB (CSUEB Students/Alumni are in bold)

Fencsik, D. (2012, May). *What happens when a driver looks away from the road: Measuring recovery from distractions during attention-demanding tasks*. Talk presented at the CSUEB Psychology Student Association Spring Lecture Series, Hayward, CA.

Fencsik, D., Place, S., **Johnson, M.**, & Horowitz, T. (2011, May). *Rapid recovery of moving targets following task disruption*. Poster presented at the CSUEB Faculty Research, Scholarship, and Creative Activity Poster Exhibit, Hayward, CA.

Hassani, H., & Fencsik, D. (2011, May). *Motion search and motivation: A comparative study*. McNair Scholars Poster presented at the CSUEB Faculty Research, Scholarship, and Creative Activity Poster Exhibit, Hayward, CA.

Fencsik, D. (2010, May). *How do you handle disruptions to attention-demanding tasks?* Talk presented at the CSUEB Psychology Department Research Colloquium, Hayward, CA.

Fencsik, D. E., & **Heaton, J. L.** (2010, March). *Durability of feature-based and object-based representations in visual short-term memory*. Poster presented at the CSUEB Faculty Research, Scholarship, and Creative Activity Poster Exhibit, Hayward, CA.

Awards

California State University, East Bay Faculty Support Grant, 2008, 2009, 2011, 2012

Psychology Professor of the Year, 2009, 2011

National Institutes of Health NRSA Postdoctoral Fellowship, 2004

Horace H. Rackham Dissertation Fellowship, 2003

National Science Foundation Graduate Fellowship, 1997

Professional Activities

Professional Memberships: *American Psychological Association, Association for Psychological Science, Psychonomic Society, Vision Sciences Society*

Ad hoc Reviewer: *Acta Psychologica; Attention, Perception & Psychophysics; Behavioural Brain Research; Cognition; Experimental Psychology; Journal of Experimental Psychology: Human Perception and Performance; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Vision; Perception; Psychological Research; Psychological Science; Psychonomic Bulletin & Review; Quarterly Journal of Experimental Psychology; Visual Cognition*

University Service (Current)

CSUEB Institutional Review Board

CSUEB Critical Thinking Subcommittee

College of Science Commencement Faculty Marshall

Department of Psychology Semester Conversion Committee

Department of Psychology Tenure-Track Search Committee

University Service (Former)

CSUEB Academic Senate

CSUEB Science Festival Organizer and Presenter

CSUEB Writing Skills Subcommittee

College of Science A2E2/IRE Committee

College of Science Curriculum Committee

College of Science Scholarship Committee

Psychology Department Curriculum Committee

Psychology Department GE Cluster Committee

Psychology Department Resources Committee

Psychology Department Web Page Committee

Faculty Advisor to CSUEB Chapter of Psi Chi

Community Service

2009–present Financial Secretary and Member, Board of Directors, Castro Valley Educational Foundation

2009–2015 Organizer and Presenter, Castro Valley Science Festival