

Josef Chad Schrock

Maryville College
Division of Behavioral Sciences
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Education

2001 Ph.D. University of California, Santa Cruz
Cognitive Psychology

1995 B.A. Mississippi State University
Psychology

Professional Experience

2009 – present *Associate professor of psychology, Maryville College*

2002 – 2008 *Assistant professor of psychology, Maryville College*
Attention and Memory Laboratory, Georgia Institute of Technology
Develop eye tracking and pupillometry studies investigating the nature of working memory capacity. Supervise laboratory employees. Administer day to day operations of the laboratory.

2000 –2002 *Applied Survey Research, Watsonville, CA*
Consulted on design and implementation of survey research. Generated statistics for research reports; developed mapping (GIS) capabilities.

1999-2000 *Graduate research assistant, University of California, Santa Cruz*

Teaching Experience

Courses Taught at Maryville College

PSY 401: History and Systems of Psychology	PSY 313: Human Learning and Cognition
PSY 349: Psychology and the Law	PSY 312: Experimental Psychology
PSY 349: The Mind	PSY 306: Language Development
PSY 343: Practicum in Psychology	PSY 299: Contemporary Issues in Psychology
PSY 327: Sensation and Perception	PSY 101: Introductory Psychology
PSY 315: Human Thought and Learning	FRS 140: Perspectives on the American Community
PSY 314: Cognitive Psychology	FRS 130: Perspectives on the Environment
	FRS 120: Communication Strategies

Peer Reviewed Publications and Presentations:

- Schratter, A., & Schrock, J. C. (2008). *Preparing scholars: Using community-based research to bridge theory and application in undergraduate research*. Presented at the 100th Annual Meeting of the Southern Society of Philosophy and Psychology, March 20-22, New Orleans, LA.
- Berry, C., Schmied, L., & Schrock, J. C. (2008). The role of emotion in teaching and learning history: A scholarship of teaching exploration. *History Teacher*, *41*, 437-452.
- Heitz, R., Schrock, J. C., Payne, T., & Engle, R. (2008). Effects of incentive on working memory capacity: Behavioral and pupillometric data. *Psychophysiology*, *45*(1), 119-129.
- Unsworth, N., Heitz, R.P., Schrock, J.C., & Engle, R.W. (2005). An automated version of the operation span task. *Behavior Research Methods*, *37*, 498 - 505.
- Unsworth, N., Schrock, J. C., & Engle, R. W. (2004). Working memory capacity and the antisaccade task: Individual differences in voluntary saccade control. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, *30*, 1302-1321.
- Unsworth, N., Engle, R., Schrock, J. C. (2003). *An Automatic Version of the Operation Span*. Poster presented at the 2003 meeting of the American Psychological Society, Atlanta, Georgia.
- Heitz, R., Engle, R., Payne, T., Schrock, J. C. (2003). *Hot Topic Talk: Working Memory and Mental Effort: Data from Pupillometry*. Talk presented at the 2003 meeting of the American Psychological Society, Atlanta, Georgia.
- Schrock, J. C., & Engle, R. W. (2002). *Working memory capacity as controlled attention: Measures of working memory capacity predict performance in the antisaccade task*. Talk presented at the 2002 meeting of the Midwestern Psychological Association, Chicago, Illinois.
- Engle, R.W., Payne, T.W., & Schrock, J.C. (2002). *Mental effort and working memory capacity*. Talk presented to the 2002 meeting of the Midwestern Psychological Association, Chicago, Illinois.
- Fox Tree, J.E. , & Schrock, J.C. (2002). Basic meanings of *you know* and *I mean*. *Journal of Pragmatics*, *34*, 727-747.
- T. W. Payne, J. Cai, J. C. Schrock, & R. W. Engle. (2001). *Pupil diameter as an indicator of processing capacity*. Poster presented at the 2001 Psi Chi Conference, Athens, GA.
- Schrock, J.C., & Fox Tree, J.E. (2000). *So and and in spontaneous speech*. Poster presented at the 2000 meeting of the Psychonomic Society, New Orleans, LA.

- Fox Tree, J.E., & Schrock, J.C. (1999). Discourse markers in spontaneous speech: Oh what a difference an *oh* makes. *Journal of Memory and Language*, 40, 280-295.
- Fox Tree, J.E., & Schrock, J.C. (1999). *You know and I mean: Basic meanings and inferences*. Poster presented at the 1999 meeting of the Psychonomic Society, Los Angeles, CA.
- Schrock, J.C., & Fox Tree, J.E. (1997). *The influence of discourse markers on the comprehension of spontaneous speech*. Poster presented at the 1997 meeting of the Western Psychological Association, Seattle, WA.
- Schrock J.C., & Henley T. (1995). *Categorization and Feature Predictability in the Game of Twenty Questions*. Poster presented at the 1995 meeting of the Southeastern Psychological Association, Savanna, GA.
- Schrock J.C., & Fussell, S.R. (1995). *Addressee and over-hearer interpretation of indirect speech*. Poster presented at the 1995 meeting of the Southeastern Psychological Association, Savanna, GA.

Collaborations with Maryville College Students (peer reviewed):

- Mitchell, K. & Schrock, J. C. (2016). Bilingual and Monolingual Performances on an Attentional Blink Test: Working Memory Effect. Presented at the 62nd Southeastern Psychological Association Conference, Mar 30 - Apr 02, New Orleans, LA.
- Natalie Stanley, N. & Schrock, J. C. (2016). *Effects of Person and Organization Collectivist Orientation*. Presented at the 62nd Southeastern Psychological Association Conference, Mar 30 - Apr 02, New Orleans, LA.
- Wilmes, E. J. & Schrock, J.C. (2013). *An empathetic hand: Pain, Empathy, and the rubber hand illusion*. Presented at the 59th Southeastern Psychological Association Conference, March 13- 16, Atlanta, GA.
- Sloan, P. & Schrock, J. C. (2012). *Haven't got room for the pain: Effects of cognitive load on pain perception*. Presented at the 58th Southeastern Psychological Association Conference, February 15-18, New Orleans, LA.
- MacLennan, K., Porubanova, M., & Schrock, J. C. (2009). *High and low working memory span as a determinant of change blindness susceptibility*. Presented at the 55th Southeastern Psychological Association Conference, February 18-21, New Orleans, LA.
- Gorsuch, N., Terrell, E., Hilchey, O., Schratte, A., & Schrock, J. C. (2009). *The social relationship between a child with autism and a service dog*. Presented at the 55th Southeastern Psychological Association Conference, February 18-21, New Orleans, LA.

Salpas, A., Hilchey, O., Terrell, E., Schrock, J. C., & Schratte, A. (2009). *The therapeutic use of service dogs for children with autism*. Presented at the 55th Southeastern Psychological Association Conference, February 18-21, New Orleans, LA.

MacLennan, K., Armstrong, K., Porubanova, M., Harris, L., & Schrock, J. C. (2008). *Making molehills out of mountains: The influence of working memory capacity on change detection*. Presented at the 54th Southeastern Psychological Association Conference, March 6-8, 2008, Charlotte, NC.

Lynn, H., & Schrock, J. C. (2007). *Social Perceptions of Appalachian English*. Presented at the 30th Annual Appalachian Studies Conference, March, 2007, Maryville TN.

Webb, J. K., Nee, P.E., & Schrock, J. C. (2005). *The Effects of Perceived Self-Efficacy on Gender Specific Educational and Occupational Roles*. Presented at the Southeastern Psychological Association annual meeting, April 2005, Nashville, TN.

Service

2015 – 2017	Chair of the Faculty (elected)
2015 – 2017	Faculty Liaison Committee (elected)
2012 – 2014	Faculty Personnel Standards Committee (elected)
2009 – 2011	Faculty Personnel Standards Committee (elected)
2006 – 2011	Chair, Maryville College Institutional Review Board
2003 - 2005	Maryville College Institutional Review Board
2003, 2007	Institutional Research Committee: Maryville College
2006	Technology Advisory and Planning Committee

Professional Memberships

Psychonomic Society
 American Psychological Society
 Southeastern Psychological Association