

Matthew James Traxler

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Citizenship: United States of America

EDUCATION

Ph.D. 1993 University of Oregon - Experimental Psychology
M.S. 1990 University of Oregon - Experimental Psychology
B.A. 1989 University of Minnesota - Psychology,
Russian Language and Literature (Minor), Magna Cum Laude

PROFESSIONAL EXPERIENCE

2008-Present Professor
Department of Psychology and Center for Mind and Brain
University of California at Davis
Davis, California

2004-2008 Associate Professor
Department of Psychology and Center for Mind and Brain
University of California at Davis
Davis, California

2002-2004 Assistant Professor
Department of Psychology and Center for Mind and Brain
University of California at Davis
Davis, California

1999 - 2002 Assistant Professor
Department of Psychology
University of South Carolina
Columbia, South Carolina

1996 - 1999 Visiting Assistant in Cognitive Science
Department of Psychology
The Florida State University
Tallahassee, Florida

1996 - 1999 Honorary Research Fellow
Human Communication Research Centre
Department of Psychology
University of Glasgow
Glasgow, Scotland

Professional Experience: Continued

1993 - 1996	Postdoctoral Research Assistant Human Communication Research Centre Department of Psychology University of Glasgow
1992 - 1993	Lecturer Department of Psychology University of Wisconsin Madison, Wisconsin
1990, 1991	Instructor Department of Psychology University of Oregon Eugene, Oregon
1989-1992	Research Assistant Department of Psychology University of Oregon

PROFESSIONAL ACTIVITIES

Professional Societies

2006-Present	Member, Cognitive Neuroscience Society
2004-Present	Member, Association for the Advancement of Science
1997-Present	Member, Psychonomic Society
1993-Present	Member, American Psychological Society

Editorial Boards

2011-Present	Editorial Board Member, <i>The Journal of Memory and Language</i>
2009-Present	Consulting Editor, <i>The Journal of Experimental Psychology: Learning, Memory, and Cognition</i>
2006-2013	Associate Editor, <i>The Quarterly Journal of Experimental Psychology</i>
2006-2012	Editor, <i>Language and Linguistics Compass</i>

Grant Review Panel

2013-2019	National Institutes of Health, Language and Communication Study Section (LCOM)
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Ad-Hoc Reviews

Behavior Research Methods, Brain Research; Canadian Journal of Experimental Psychology; Cognition; Cognitive, Affective, and Behavioral Neuroscience; Cognitive Psychology; Cognitive Science; Cognitive Science Society Conference; Consciousness & Cognition, CUNY Sentence Processing Conference; Economic & Social Research Council (UK); European Journal of Cognitive Science; Harcourt Publishers; International Journal of Psychology; Journal of Cognitive Neuroscience; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Learning, Memory, &

PROFESSIONAL ACTIVITIES--Ad-Hoc Reviews—Continued

Cognition; Journal of Eye Movement Research; Journal of Memory and Language; Journal of Neurolinguistics; Journal of Speech, Language, and Hearing Research; Language and Cognitive Processes; Language Acquisition: A Journal of Developmental Linguistics; Language Learning; Language, Learning and Development; Linguistics; Memory and Cognition; National Institutes of Health: LCOM study section; Neuroimage; Neuropsychology; National Science Foundation Human Cognition and Perception Program; National Science Foundation Linguistics Program; Pragmatics and Cognition; Prentice Hall Publishers; Psychological Science; Psychology and Aging; Psychonomic Bulletin and Review; The Quarterly Journal of Experimental Psychology; Science Foundation Ireland; Wadsworth Publishers

PUBLICATIONS

1. Traxler, M.J., & Gernsbacher, M.A. (1992). Improving written communication through minimal feedback. *Language and Cognitive Processes*, **7**, 1-22.
2. Traxler, M.J., & Gernsbacher, M.A. (1993). Improving written communication through perspective taking. *Language and Cognitive Processes*, **8**, 311-334.
3. Traxler, M.J., & Gernsbacher, M.A. (1995). Improving coherence in written communication. In M.A. Gernsbacher & T. Givon (eds.), *Coherence in spontaneous text* (pp. 215 - 237). Amsterdam: John Benjamins.
4. Traxler, M.J., & Pickering, M.J. (1996a). Plausibility and the processing of unbounded dependencies: An eye-tracking study. *Journal of Memory and Language*, **35**, 454 - 475.
5. Traxler, M.J., & Pickering, M.J. (1996b). Case marking in the parsing of complement sentences: Evidence from eye movements. *Quarterly Journal of Experimental Psychology*, **49A**, 991-1004.
6. Garnham, A., Traxler, M.J., Oakhill, J., & Gernsbacher, M.A. (1996). The locus of implicit causality effects in comprehension. *Journal of Memory and Language*, **35**, 517-543.
7. Traxler, M.J., Sanford, A.J., Aked, J.P., & Moxey, L.M. (1997). Processing causal and diagnostic statements in discourse. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, **23**, 88-101.
8. Traxler, M.J., Bybee, M.D., & Pickering, M.J. (1997). Influence of connectives on language comprehension: Eye-tracking evidence for incremental interpretation. *Quarterly Journal of Experimental Psychology A*, **50**, 481-497.
9. Pickering, M.J., & Traxler, M.J. (1998). Plausibility and recovery from garden paths: An eye-tracking study. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, **24**, 940-961.
10. Traxler, M.J., Pickering, M.J., & Clifton Jr., C. (1998). Adjunct attachment is not a form of lexical ambiguity resolution. *Journal of Memory and Language*, **39**, 558-592.
11. Pickering, M.J. & Traxler, M.J. (1999). Parsing and incremental understanding during reading. In M.W. Crocker (Ed.), *Architectures and Mechanisms for Language Processing* (pp. 238-258). Cambridge, England: Cambridge University Press.
12. Van Gompel, R.P.G., Pickering, M.J., & Traxler, M.J. (2000). Unrestricted race: A new model of syntactic ambiguity resolution. In A. Kennedy (Ed.), *Reading as a Perceptual Process* (pp. 621-648). Amsterdam, The Netherlands: Elsevier.

PUBLICATIONS -- CONTINUED

13. Traxler, M.J., Pickering, M.J., Clifton Jr., C., & van Gompel, R.P.G. (2000). Is syntactic parsing a form of lexical ambiguity resolution? In M. De Vincenzi, & V. Lombardo (Eds.), *Cross-linguistic Perspectives on Language Processing* (pp. 149-174). Amsterdam, The Netherlands: Kluwer.
14. Traxler, M.J., Foss, D.J., Seely, R.E., Kaup, B., & Morris, R. (2000). Processing effects in sentence comprehension: Effects of association and integration. *Journal of Psycholinguistic Research*, **29**, 581-595.
15. Traxler, M.J., & Foss, D.J. (2000). Effects of sentence constraint on priming in natural language comprehension. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, **26**, 1266-1282.
16. Pickering, M.J., Traxler, M.J., & Crocker, M.W. (2000). Ambiguity resolution in sentence processing: Evidence against frequency-based accounts. *Journal of Memory and Language*, **43**, 447-475.
17. Dubinsky, S., Egan, M., Schmauder, A.R., & Traxler, M.J. (2000). Functional projections of predicates: Experimental evidence from coordinate structure processing. *Syntax*, **3**, 182-214.
18. Van Gompel, R.P.G., Pickering, M.J., & Traxler, M.J. (2001). Reanalysis in sentence processing: Evidence Against Current Constraint-Based and Two-Stage Models. *Journal of Memory and Language*, **45**, 225-258.
19. McElree, B.D., Traxler, M.J., Pickering, M.J., Jackendoff, R., & Seely, R.E. (2001). Coercion in on-line semantic processing. *Cognition*, **78**, B17-B25.
20. Pickering, M.J., & Traxler, M.J. (2001). Strategies for processing unbounded dependencies: Lexical information and verb-argument assignment. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, **27**, 1401-1410.
21. Traxler, M.J. (2002). Plausibility and Subcategorization Preference in Children's Processing of Temporarily Ambiguous Sentences: Evidence from Self-Paced Reading. *Quarterly Journal of Experimental Psychology*, **55A**, 75-96.
22. Traxler, M.J., Morris, R.K., & Seely, R.E. (2002). Processing Subject and Object Relative Clauses: Evidence from Eye-Movements. *Journal of Memory and Language*, **47**, 69-90.
23. Traxler, M.J., Pickering, M.J., & McElree, B.D. (2002). Coercion in Sentence Processing: Evidence from Eye-Movements and Self-Paced Reading. *Journal of Memory and Language*, **47**, 530-547..
24. Pickering, M.J., & Traxler, M.J. (2003). Evidence against the use of subcategorisation frequency in the processing of unbounded dependencies. *Language and Cognitive Processes*, **18**, 469-503.
25. Clifton, C., Traxler, M.J., Williams, R., Mohammed, M., & Morris, R.K., & Rayner, K. (2003). The use of thematic role information in parsing: Syntactic processing autonomy revisited. *Journal of Memory and Language*, **49**, 317-334.
26. Pickering, M.J., Frisson, S., McElree, B.D., & Traxler, M.J. (2004). Eye movements and semantic composition. In M. Carreiras and C. Clifton, Jr. (Eds.). *The On-line Study of Sentence Comprehension: Eye-Tracking, ERPs, and Beyond* (pp.33-50). Hove, UK: Psychology Press.

PUBLICATIONS -- CONTINUED

27. Traxler, M.J., McElree, B.D., & Pickering, M.J. (2005). Context effects in coercion:

- evidence from eye-movements. *Journal of Memory & Language*, **53**, 1-25.
28. Pickering, M.J., McElree, B.D., & Traxler (2005). The Difficulty of Coercion: A Response to de Almeida. *Brain and Language*, **93**, 1-9.
 29. Traxler, M.J., Williams, R.S., Blozis, S.A., & Morris, R.K. (2005). Working Memory, Animacy, and Verb Class in the Processing of Relative Clauses. *Journal of Memory & Language*, **53**, 204-224.
 30. Traxler, M.J. (2005). Plausibility and verb subcategorization preference in temporarily ambiguous sentences. *Journal of Psycholinguistic Research*, **34**, 1-30.
 31. Traxler, M.J. (2006). Commentary on H. Clahsen & C. Felser "Grammatical Processing in Language Learners". *Journal of Applied Psycholinguistics*, **27**, 95-97.
 32. McElree, B.D., Pyllkkänen, L., Pickering, M.J., & Traxler, M.J. (2006). A timecourse analysis of enriched composition. *Psychonomic Bulletin & Review*, **13**, 53-59.
 33. Traxler, M.J. & Gernsbacher, M.A. (2006). *The Handbook of Psycholinguistics*. San Diego, CA: Elsevier.
 34. Frisson, S., Pickering, M.J., McElree, B.D., & Traxler, M.J. (2006). Underspecification and shallow processing. *Discourse Processes*, **13**, 53-59.
 35. LeDoux, K., Traxler, M.J., & Swaab, T.Y. (2007). Syntactic priming in comprehension: Evidence from event-related potentials. *Psychological Science*, **18**, 135-143.
 36. Traxler, M.J., & Tooley, K.M. (2007). Lexical mediation and context effects in parsing. *Brain Research*, **1146**, 59-74.
 37. Blozis, S.A., & Traxler, M.J. (2007). Analyzing individual differences in sentence processing performance using multilevel models. *Behavior Research Methods*, **39**, 31-38.
 38. Traxler, M.J. (2007). Working Memory Contributions to Relative Clause Attachment Processing: A Hierarchical Linear Modeling Analysis. *Memory and Cognition*, **35**, 1107-1121.
 39. Johns, C.L., Tooley, K.M., & Traxler, M.J. (2008). Right hemisphere language disorders. *Language and Linguistics Compass*, **2**, 1038-1062.
 40. Traxler, M.J. (2008a). Lexically independent priming in online sentence comprehension. *Psychonomic Bulletin and Review*, **15**, 149-155.
 41. Traxler, M.J., (2008b). Structural priming among prepositional phrases: Evidence from eye-movements. *Memory & Cognition*, **36**, 659-674.
 42. Traxler, M.J., & Tooley, K.M. (2008). Priming in sentence comprehension: Strategic or syntactic? *Language and Cognitive Processes*, **23**, 609-645.
 43. Traxler, M.J., & Frazier, L. (2008). The role of pragmatic principles in resolving attachment ambiguities: Evidence from eye-movements. *Memory & Cognition*, **36**, 314-328.
 44. Tooley, K.M., Traxler, M.J., & Swaab, T.Y. (2009). Electrophysiological and Behavioral Evidence of Syntactic Priming in Sentence Comprehension. *Journal of Experimental Psychology: Learning, Memory, & Cognition*, **35**, 19-45.
 45. Traxler, M.J. (2010). A hierarchical linear modeling analysis of working memory and implicit prosody in the resolution of adjunct attachment ambiguity. *Journal of Psycholinguistic Research*, **38**, 491-509.

PUBLICATIONS -- CONTINUED

46. Traxler, M.J., & Long, D.L. (2013). Working memory in language comprehension.

- The Encyclopedia of the Mind*. San Diego, CA: Sage.
47. Traxler, M.J. (2011). Parsing. *Wiley Interdisciplinary Reviews: Cognitive Science*, **2**, 353-364.
 48. Traxler, M.J. (2012). *Introduction to Psycholinguistics: Understanding Language Science*. Boston, MA: Wiley-Blackwell.
 49. Traxler, M.J., Long, D.L., Johns, C.L., Tooley, K.M., Zirnstein, M., & Jonathan, E. (2012). Individual differences in eye-movements during reading: Working memory and speed-of-processing effects. *Journal of Eye Movement Research*, **5**, 1-16.
 50. Tooley, K.M., & Traxler, M.J. (2012). Syntactic priming in comprehension: A dual mechanism account. In R. Mishra (Ed.), *The Relationship between Language and Thought*. Munich, Germany: Lincom Europa.
 51. Frazier, L., & Traxler, M.J. (in press). The syntax-pragmatic interface: Attachment preferences revisited. In R. Di Matteo & L. Tommasi (Eds.), *Cross-Linguistic Perspectives on Language Processing*. New York, NY: John Benjamins.
 52. Tooley, K.M., & Traxler, M.J. (in press b). Syntactic priming effects in comprehension: A critical review. *Language and Linguistics Compass*.
 53. Traxler, M.J., Caplan, D., Long, D.L., & Waters, G.S. (in press). Working memory in sentence comprehension and production. In F. Columbus (Ed.), *Working Memory: Capacity, Developments, and Improvement Techniques*. Hauppauge, NY: Nova Science Publishers.
 54. Traxler, M.J., Boudewyn, M., & Loudermilk, J. (in press). What's special about human language? The contents of the 'narrow' language faculty revisited. *Language and Linguistics Compass*.
 55. Traxler, M.J., Foss, D.J., Podali, R., & Zirnstein, M. (2012). Feeling the past: Lack of experimental evidence for retroactive influences on text processing. *Memory and Cognition*.
 56. Tooley, K.M., Swaab, T.Y., Boudewyn, M.A., Zirnstein, M., & Traxler, M.J. (In Press). Evidence for priming across intervening sentences during on-line sentence comprehension. *Language and Cognitive Processes*.
 57. Boudewyn, M.A., Zirnstein, M., Swaab, T.Y., & Traxler, M.J. (in press). Priming prepositional phrase attachment: Evidence from eye-tracking and ERPs. *Quarterly Journal of Experimental Psychology*.
 58. Traxler, M.J. (in press). The Role of the Putative Mirror Neuron System in Language Comprehension. *Language and Linguistics Compass*.
 59. Traxler, M.J., Corina, D.P., Morford, J., Hafer, S.F., & Hoversten, L.J. (in press). Deaf readers' response to syntactic complexity: Evidence from self-paced reading. *Memory & Cognition*.

GRANTS

1. Traxler, M.J. (1999). *Language Processing in School-Age Children: Development of Syntactic Competence*. Research and Productive Scholarship Program, University of South Carolina, \$11,000. Role: PI

GRANTS--Continued

2. Traxler, M.J. (1999). *Lexicon, Syntax and Discourse: Are the Same Processing Units Responsible for Diverse Tasks?* College of Liberal Arts Scholarship Support program, University of South Carolina, \$8050. Role: PI

3. McElree, B.D. (1999-2002). *Lexical and syntactic processing in language comprehension*. National Institutes of Health. Role: Consultant
4. Traxler, M.J. (2001-2002). *Individual Differences in Verbal Working Memory and Sentence Understanding*. South Carolina Research Improvement Grant Program, South Carolina Commission on Higher Education. \$40,400. Role: PI
5. Traxler, M.J. (2002-2006). *Working memory effects in sentence comprehension*. National Institute of Child Health and Human Development #1 R01 HD 040865-01A1. \$225,000. Role: PI
6. Traxler, M.J. (2006-2008). *Syntactic Priming in Comprehension*. National Science Foundation #0446618. \$100,000. Role: PI
7. Long, D.L., Traxler, M.J., Blozis, S.A., & Widaman, K. (2006-2011). *Individual Differences in Reading and Comprehension: A Multi-level Analysis*. National Institutes of Health #1R01HD048914-01A2. \$950,000. Role: Co-PI
8. Traxler, M.J. (2008). *Special Session of the 22nd Annual CUNY Sentence Processing Conference on the Relationship between Language Production and Comprehension*. National Science Foundation. \$23,000. Role: PI.
9. Traxler, M.J., & Swaab, T.Y. (2010-2014). *Syntactic Priming in Comprehension*. National Science Foundation #1024003. \$290,000 Role: PI.
10. Traxler, M.J., & Corina, D.P. (2011-2013). *Individual Differences in Deaf Readers*. National Science Foundation #SBE-0541953.. \$178,000. Role: PI.
11. Long, D.L., & Traxler, M.J. (2012-2017). *Health Literacy: A Psycholinguistic and Cognitive Investigation*. National Institutes of Health #1R01HD073948. \$1,544,000. Role: Co-PI.
12. Swaab, T.Y., Boudewyn, M.A., Carter, C.S., Long, D.L., Mangun, G.R., & Traxler, M.J. (2013-2015). *Cognitive Control and Language Impairments in Schizophrenia*. National Institutes of Health MH099327. \$423,500. Role: Co-Investigator.
13. Traxler, M.J., & Pinar, P. (2013). *Promoting Literacy in Deaf Readers*. UC Davis Office of Research: University Outreach and International Programs. \$6000. Role: PI.
14. Aguilar, M., Connolly, P., Simons, S., Binder, J., Raizada, R., Mikkulainen, R., Baillet, S., Desai, R., Erk, K., & Traxler, M.J. (2013-2016). *KREATEV. Knowledge Representation as Embodied Abstractions: Theory and Experimental Validation*. Intelligence Advanced Research Projects Administration (IARPA). Role: Consultant.

CONFERENCE PRESENTATIONS

1. Traxler, M.J., & Gernsbacher, M.A. (1992, June). *Mental representation and audience awareness*. Poster presented to the Society for Text and Discourse; San Diego, CA.
2. Deaton, J., Traxler, M.J., Bybee, M.D., & Gernsbacher, M.A. (1993, March). *Pragmatics affects structure-building in sentences with ambiguous conjunctions*. Paper presented to the Midwestern Psychological Association; Chicago, IL.

CONFERENCE PRESENTATIONS -- CONTINUED

3. Traxler, M.J., & Gernsbacher, M.A. (1992, March). Effects of minimal feedback on written communication. In A.R. Gere (chair), *Research and the Practice of Revision*.

- Paper presented to the Conference on College Composition and Communication; Cincinnati, OH.
4. Pickering, M.J., & Traxler, M.J. (1994, July). *Plausibility and recovery from garden paths: An eye-tracking study*. Paper presented to the Experimental Psychology Society; Exeter, England.
 5. Pickering, M.J., & Traxler, M.J. (1994, March). *Plausibility and dependency constituents*. Poster presented to the CUNY Sentence-Processing Conference; New York, NY.
 6. Deaton, J., Traxler, M.J., Gernsbacher, M.A., & Bybee, M.D. (1994, June). *Structure-building in sentences with ambiguous conjunctions*. Paper presented to the Society for Text and Discourse; Washington, DC.
 7. Traxler, M.J., Sanford, A.J., Moxey, L.M., & Aked, J.P. (1995, March). *Belief spaces in the processing of causal and diagnostic relationships*. Poster presented to the CUNY Sentence-Processing Conference; Tucson, AZ.
 8. Traxler, M.J., & Pickering, M.J. (1995, March). *Evidence against statistical parsing*. Poster presented to the CUNY Sentence-Processing Conference; Tucson, AZ.
 9. Traxler, M.J., & Pickering, M.J. (1995, September b). *Plausibility and the processing of unbounded dependencies: Evidence from eye movements*. Poster presented to the Eighth European Conference on Eye Movements; Derby, England.
 10. Traxler, M.J., & Pickering, M.J. (1995, September a). *Eye-tracking evidence against lexical and statistical guidance in parsing*. Paper presented to the Eighth European Conference on Eye Movements; Derby, England.
 11. Pickering, M.J., & Traxler, M.J. (1995, September). *Discourse representation and parsing: Effects of referential ambiguity on syntactic analysis and reanalysis*. Poster presented to the Eighth European Conference on Eye Movements; Derby, England.
 12. Traxler, M.J., & Pickering, M.J. (1995, December b). *Effects of case-marking on syntactic parsing of complement ambiguities*. Poster presented to the Architectures and Mechanisms of Language Processing Conference; Edinburgh, Scotland.
 13. Traxler, M.J., & Pickering, M.J. (1995, December a). *Ambiguity resolution in sentence processing: Simplicity or likelihood?* Paper presented to the Architectures and Mechanisms of Language Processing Conference; Edinburgh, Scotland.
 14. Traxler, M.J., Pickering, M.J., & Clifton Jr., C. (1996, October). *Processing prepositional phrases and relative clauses in English*. Poster presented to the 37th annual meeting of the Psychonomic Society; Chicago, IL.
 15. Traxler, M.J., Pickering, M.J., & Clifton Jr., C. (1996, September). *Architectures and mechanisms that process prepositional phrases and relative clauses*. Paper presented to the Architectures and Mechanisms of Language Processing Conference; Turin, Italy.
 16. Traxler, M.J., & Pickering, M.J. (1996, March). *Case marking in the parsing of complement sentences: Evidence from eye movements*. Poster presented to the CUNY Sentence-Processing Conference; New York, NY

CONFERENCE PRESENTATIONS -- CONTINUED

17. Pickering, M.J., & Traxler, M.J. (1996, March). *Initial processing of unbounded dependencies can ignore verb preference information*. Poster presented to the CUNY Sentence-Processing Conference; New York, NY.

18. Pickering, M.J., & Traxler, M.J. (1996, September). *Visiting relatives revisited: Statistical properties and competition in ambiguity resolution*. Poster presented to the Architectures and Mechanisms of Language Processing Conference; Turin, Italy.
19. Livsersedge, S., Pickering, M.J., & Traxler, M.J. (1996, March). *A comparative analysis of qualitatively different eye-movement measures*. Poster presented to the CUNY Sentence-Processing Conference; New York, NY.
20. van Gompel, R.P.G., Pickering, M.J., & Traxler, M.J. (1997, September). *Investigating competition processes in VP/NP attachment ambiguities*. Poster presented to the Architectures and Mechanisms of Language Processing Conference; Edinburgh, Scotland.
21. Traxler, M.J., Pickering, M.J., & Clifton Jr., C. (1997, March). *Strategies for Processing Prepositional Phrase and Relative Clause Modifiers*. Poster presented to the CUNY Sentence-Processing Conference; Los Angeles, CA.
22. Van Gompel, R.P.G., Pickering, M.J., & Traxler, M.J. (1998, January). *The source of processing difficulty in syntactic ambiguity resolution*. Paper presented to the Experimental Psychology Society; London, England.
23. van Gompel, R.P.G., Pickering, M.J., & Traxler, M.J. (1998, March). *Syntactic ambiguity resolution is not a form of lexical ambiguity resolution*. Poster presented to the CUNY Sentence-Processing Conference; Rutgers, NJ.
24. Traxler, M.J., & Foss, D.J. (1998, March). *Sentence constraint in the processing of syntactically unambiguous sentences*. Poster presented to the CUNY Sentence-Processing Conference; Rutgers, NJ.
25. Traxler, M.J. (1997, March). *Adjunct attachment is not a form of lexical ambiguity resolution*. Paper presented to the Florida Cognition Conference; Pensacola, FL.
26. Pickering, M.J., & Traxler, M.J. (1998, July). *The role of lexical information in syntactic ambiguity resolution*. Paper presented to the Experimental Psychology Society; York, England.
27. Traxler, M.J., & Foss, D.J. (1998, November). *Sentence constraint in natural language processing: Evidence against competition*. Paper presented to the Psychonomic Society; Dallas, TX.
28. van Gompel, R.P.G., Pickering, M.J., Livsersedge, S.P., & Traxler, M.J. (1999, March). *Testing constraint-based and two-stage theories: Competition versus reanalysis*. Paper presented to the CUNY Sentence-Processing Conference; New York, NY.
29. Traxler, M.J. & Foss, D.J. (1999, November). *"Priming" does not prime "priming."* Poster presented to the Psychonomic Society. Los Angeles, CA.
30. Traxler, M.J., Seely, R.E., McElree, B.D., & Pickering, M.J. (2000, February). *Type shifting (coercion) and incremental interpretation: Evidence from self-paced reading and eye movements*. Paper presented to the North Carolina Cognition Conference. Wake Forest, NC.

CONFERENCE PRESENTATIONS -- CONTINUED

31. Traxler, M.J., Seely, R.E., McElree, B.D., & Pickering, M.J. (2000, March). *Coercion in sentence interpretation: On being led up the semantic garden path*. Poster presented to the CUNY Sentence Processing Conference. San Diego, CA.
32. Traxler, M.J., Foss, D.J., Seely, R.E., Kaup, B., & Morris, R.K. (2000, March).

- Assessing lexical processing effects in sentence comprehension.* Paper presented to the CUNY Sentence Processing Conference. San Diego, CA.
33. Traxler, M.J., Seely, R.E., Morris, R.K., Williams, R.S., & Parisot, M. (2000, November). *Working memory capacity and island constraints: Evidence from eye-movements.* Poster presented to the Psychonomic Society. New Orleans, LA.
 34. Traxler, M.J. (2001, March). *Children's Use of Prosody, Semantic Plausibility, and Verb Subcategorization to Structure Temporarily Ambiguous Input: Evidence from Self-Paced Reading and Sentence Completions.* Poster presented to the CUNY Sentence-Processing Conference. Philadelphia, PA.
 35. Traxler, M.J., Seely, R.E., & Morris (2001, March). *Perspective, Attention and Memory in Processing Relative Clauses: Evidence from Eye-Tracking.* Poster presented to the CUNY Sentence-Processing Conference. Philadelphia, PA.
 36. Traxler, M.J., Morris, R.K., & Seely, R.E. (2001, May). *Memory and Attention in Relative Clause Processing: Evidence from Eye Movements.* Paper presented to the Bicentennial Conference on Attention, University of South Carolina. Columbia, SC.
 37. Pickering, M.J., Frisson, S., Traxler, M.J., & McElree, B.D. (2001, July) *Why is it easy to read Dickens but hard to start a book?* Paper presented to the Utrecht Institute of Linguistics conference From Sentence Processing to Discourse Interpretation: Crossing the Borders. Utrecht, The Netherlands.
 38. Traxler, M.J., McElree, B.D., Williams, R.S., Pickering, M.J (2002, March). Context effects in coercion. Poster presented to the CUNY Sentence Processing Conference. New York, NY.
 39. McElree, B.D., Pickering, M.J., Traxler, M.J., & Frisson, S. (2002, March). Enriched composition at the syntax-semantic interface. Poster presented to the CUNY Sentence Processing Conference. New York, NY.
 40. McElree, B.D., Traxler, M.J., & Pickering, M.J. (2002, November). Evidence for enriched semantic composition. Paper presented to the Psychonomic Society. Kansas City, KS.
 41. Clifton, C., Traxler, M.J., Mohamed, M., Rayner, K., Williams, R.S., & Morris, R.K. (2002, September). The Use of Thematic Role Information in Parsing: Is Syntactic Processing Independent? Poster presented to the Architectures and Mechanisms for Language Processing Conference. La Laguna, Spain.
 42. Clifton, C., Traxler, M.J., Mohamed, M., Rayner, K., Williams, R.S., & Morris, R.K. (2002, November). The Use of Thematic Role Information in Parsing: Is Syntactic Processing Independent? Paper presented to the Psychonomic Society. Kansas City, KS.
 43. Traxler, M.J., Williams, R.S., & Morris, R.K. (2003, March). Working memory in the processing of relative clauses: Evidence from Eye-Movements. Poster presented to the CUNY Sentence Processing Conference. Boston, MA.

CONFERENCE PRESENTATIONS -- CONTINUED

44. Traxler, M.J. (2003, November). Working memory and animacy in relative clause processing. Paper presented to the Psychonomic Society. Vancouver, BC.
45. Traxler, M.J. (2004, March). Processing relative clauses with and without theme-experiencer verbs. Poster presented to the CUNY Sentence Processing conference. College Park, MD.
46. Pickering, M.J., & Traxler, M.J. (2004, March). Grammatical repetition and garden path effects. Paper presented to the CUNY Sentence Processing conference. College

- Park, MD.
47. Traxler, M.J., & Pickering, M.J. (2005, March). Syntactic priming in comprehension. Paper presented to the CUNY Sentence Processing Conference. Tucson, AZ.
 48. Traxler, M.J., Pickering, M.J., & Tooley, K. (2005, November). Syntactic priming in comprehension is not semantic priming. Paper presented to the Psychonomic Society. Toronto, ON.
 49. Traxler, M.J., Pickering, M.J., Tooley, K., LeDoux, K., & Swaab, T.Y. (2006, March). Priming in Sentence Comprehension: Semantic, Strategic, or Syntactic? Poster presented to the CUNY Sentence Processing Conference. New York, NY.
 50. Traxler, M.J., & Tooley, K.M. (2006, August). Working memory, implicit prosody and relative clause attachment ambiguity: Evidence from eye-movements. Paper presented to the Architectures and Mechanisms for Language Processing Conference. Nijmegen, The Netherlands.
 51. Tooley, K.M., Traxler, M.J., & Swaab, T.Y. (2007, March). An ERP Investigation of Syntactic Priming in Language Comprehension. Poster presented to the CUNY Sentence Processing Conference. La Jolla, CA.
 52. Tooley, K.M., Traxler, M.J., & Swaab, T.Y. (2007, May). An ERP Investigation of Syntactic Priming in Language Comprehension. Poster presented to the Cognitive Neuroscience Conference. New York, NY.
 53. Traxler, M.J., & Tooley, K.M. (2007, August). Strategic processing and syntactic ambiguity resolution. Paper presented to the Architectures and Mechanisms for Language Processing Conference. Turku, Finland.
 54. Traxler, M.J. (2008, March). Evidence against underspecification in relative clause attachment. Poster presented to the CUNY Sentence Processing Conference. Chapel Hill, NC.
 55. Traxler, M.J., & Tooley, K.M. (2009). Implicit learning and syntactic priming in comprehension. Paper presented to the Psychonomic Society. Boston, MA.
 56. Traxler, M.J., Morford, J.P., & Corina, D.P. (2010). Deaf Signers Reading Written English Sentences: Syntax and Age-of-Acquisition Affect Reading Times. Poster presented to the CUNY Sentence Processing Conference. New York, NY.
 57. Tooley, K.M., Zirnstein, M., & Traxler, M.J. (2010). Syntactic priming survives three intervening sentences. Poster presented to the CUNY Sentence Processing Conference. New York, NY.
 58. Traxler, M.J., Zirnstein, M., & Tooley, K.M. (2010, September). Evidence for determinate attachment of relative clauses. Poster presented to the Architectures and Mechanisms for Language Processing Conference. York, England.

CONFERENCE PRESENTATIONS -- CONTINUED

59. Zirnstein, M., & Traxler, M.J. (2010, September). Complement coercion in Aphasia. Poster presented to the Embodied Language Conference. La Jolla, CA.
60. Traxler, M., Foss, D.J., Podali, R., & Zirnstein, M. (2011, November). Information flows forward in time. Paper presented to the Psychonomics Society. Seattle, WA.
61. Traxler, M.J., Boudewyn, M.A., Zirnstein, M., & Swaab, T.Y. (2012, March). *Syntactic Priming in Noun vs. Verb Attachment*. Poster presented to the 25th Annual CUNY Conference on Human Sentence Processing. New York, NY.
62. Traxler, M.J., Corina, D.P., & Morford, J.P. (2012, November). Deaf readers'

- response to lexical and syntactic properties of English sentences. Poster presented to the Psychonomics Society. Minneapolis, MN.
63. Zirnstein, M., Swaab, T.Y., & Traxler, M.J. (2013, October). Context Influences the Electrophysiological Correlates of Semantically Enriched Composition. Poster presented to the Cognitive Neuroscience Society. San Francisco, CA.
64. Traxler, M.J., Swaab, T.Y., Boudewyn, M.A., & Hoversten, L.J. (2013, March). Syntactic priming in comprehension: Priming 'early' closure. Paper presented to the 26th annual CUNY Conference on Human Sentence Processing. Columbia, SC.

INVITED PRESENTATIONS

1. Traxler, M.J. (1995, April). *Eye-tracking investigation of early syntactic processing*. Colloquium talk presented to the Department of Psychology, University of Illinois-Chicago; Chicago, IL.
2. Traxler, M.J. (1995b, May). *Lies, damned lies, and statistical parsing*. Colloquium talk presented to the Department of Psychology, University of Nottingham; Nottingham, England.
3. Traxler, M.J. (1995, May). *Evidence against statistical parsing*. Colloquium talk presented to the Department of Psychology, University of Exeter; Exeter, England.
4. Traxler, M.J. (1998, December). *Late night thoughts on reading Shelby Foote's Civil War Narrative: What history has taught me about experimental psychology*. Colloquium talk presented to the Department of Psychology, University of South Carolina; Columbia, SC.
5. Pickering, M.J., van Gompel, R.P.G., & Traxler, M.J. (1998, April). *Syntactic ambiguity resolution is not a form of lexical ambiguity resolution*. Paper presented to the Fifth European Conference on Language Comprehension; Luminy, France.
6. Sturt, P., Pickering, M.J., Crocker, M.W., & Traxler, M.J. (1998, March). *Sentence type and sentence token in reanalysis*. Paper presented to the workshop on reanalysis, Eleventh CUNY Sentence Processing Conference; New Brunswick, NJ.
7. Traxler, M.J. (2000, December). *Working memory and sentence comprehension*. Paper presented to the Department of Psychology, University of Durham, Durham, England.
8. Traxler, M.J. (2001, September). *Language Comprehension: Type-Shifting and Coercion in Sentence Processing*. Departmental Colloquium presented to the Department of Psychology, Davidson College, Davidson, NC.
9. Traxler, M.J. (2005, January). *Syntactic Priming in Comprehension*. Departmental Colloquium presented to the Department of Linguistics, Stanford University, Stanford, CA.

INVITED PRESENTATIONS--Continued

10. Traxler, M.J. (2007, June). *Syntactic Priming in Comprehension*. Paper presented to the Building Meaning from Language conference. Tufts University: Boston, MA.
11. Traxler, M.J., & Tooley, K.M. (2007, August). *Strategic control over eye-movements in syntactic ambiguity resolution*. Paper presented to the European Conference on Eye Movements. Potsdam, Germany.
12. Traxler, M.J., & Blozis, S.A. (2008, March). Using multi-level models to investigate individual differences in sentence processing. Paper presented to the CUNY Sentence

- Processing Conference. Chapel Hill, NC.
13. Traxler, M.J. (2009, December). Syntactic priming and implicit learning in adults. Keynote address delivered to the International Cognitive Science Conference, Allahabad, India.
 14. Traxler, M.J. (2010, January). Syntactic priming in comprehension and production. Colloquium presented to the Stanford University Department of Linguistics as part of the Sentence Processing and Linguistic Theory series. Stanford, CA.
 15. Traxler, M.J., Zirnstein, M., & Baynes, K. (2010, June). Aphasia and the syntax-semantics interface: Evidence from self-paced reading and comprehension. Paper presented to the 4th International Conference on Cognitive Science. Tomsk, Russia.
 16. Traxler, M.J., Long, D.L., Hamilton, S.T., & Freed, E.M. (2011, November). Using multi-level models to investigate decoding and comprehension skill in hearing and deaf readers. Talk presented to the Visual Language Summit. Davis, CA.
 17. Traxler, M.J. (2013, June-July). *Introduction to Psycholinguistics*. Invited course, Summer Linguistics Institute, University of Michigan. Ann Arbor, MI.
 18. Traxler, M.J. (2013, September). *Multilevel modeling in research on individual differences: Evidence from Deaf Readers*. Talk presented to the Department of Linguistics, Stanford University, Palo Alto, CA.
 19. Traxler, M.J. (2013, October). *Literacy Skill Among Deaf Readers*. Talk presented to the Departments of Linguistics and Psychology, Gallaudet University. Washington, D.C.
 20. Traxler, M.J. (2014, April). *Using multilevel models to study literacy in deaf readers*. AERA symposium on education of the deaf.

SERVICE

University of California, Davis

- 2013-Present Member, Provost's Task Force on Academic Organization
- 2012-Present Chair, UC Davis Academic Senate Undergraduate Council;
Member, Senate Faculty Executive Committee; Member, Davis Division
of the Representative Assembly
- 2012-2013 WASC Report Steering Committee
- 2007-Present Chair, Psychology Department Undergraduate Curriculum Committee
- 2012-Present Area Head, Perception, Cognition, and Cognitive Neuroscience
Department of Psychology
- 2012-Present Member, UC Davis Academic Senate Executive Council
- 2012-Present Chair, Individual Advising Committee for Trevor Brothers

SERVICE--Continued

- 2012-Present Chair, Individual Advising Committee for Liv Hoversten
- 2010 Member, Ph.D. Orals Committee for Megan Boudewyn
- 2010 Member, Ph.D. Orals Committee for Brandon Loudermilk
- 2011-Present Member, Graduate Advising Committee for Erin Freed
- 2010-2011 Chair, Ph.D. Orals Committee for Raechel Soicher
- 2007-2012 Chair, Graduate Advising Committee for Megan Zirnstein
- 2007-2008; 2011-2012 Member, UC Davis Undergraduate Council
- 2006-2008 UC Davis College of Letters & Science Executive Committee

2006-2008 UC Davis Undergraduate Scholarships, Honors, and Prizes Committee
 2006-Present Psychology Department Human Subject Pool Committee
 2005-2009 Chair, Graduate Advising Committee for Kristen Tooley
 2007-2009 Member, Ph.D. Orals and Dissertation Committee for Paul Bulakowski
 2005-2009 Graduate Advising Committee for Clinton Johns
 2005-2007 Graduate Advising Committee for Phillip Morris
 2004-Present Psychology Department Representative to L&S Faculty Assembly
 2004-2005 Psych. Dept. Research and Computer Support Cte.
 2003-2004 Chair, Graduate Advising Committee for Jason Golubock.
 2002-2004 Graduate Advising Committee for Chantel Prat
 2003-2004 Undergraduate Education Committee

University of South Carolina

2001 Member, Undergraduate Education Committee
 2001 Chair, Graduate Admissions Committee, Experimental Psychology Program
 2001 Member, Ph.D. Orals Committee for Ben T. Rigby
 2001 Member, Graduate Advising Committee for Gregory Sassine
 2000-2002 Member, Institutional Review Board (Protection of Human Subjects)
 2000-2001 Member, Psychology Department Executive Committee
 2000-2001 Member, Prevention Science Search Committee
 2000-2001 Member, Comprehensive Exam Committee for Chaundrissa O. Smith
 2000-2001 M.A. and Advising Committee for Stephanie Simon
 1999 - 2001 Member, Graduate Admissions Committee, Experimental Psychology Program
 1999 - 2001 Member, M.A. and Advising Committee for Rihana S. Williams
 1999 - 2000 Member, Ph.D. Committee for Rachel Seely
 1999 - 2000 Member, Ph.D. Orals and Written Comprehensive Examination Committee for Sachiko Matsumoto

The Florida State University

1996 - 1997 Member, M.S. Committee for Timothy Truitt
 1995 Program Committee, AMLAP Conference

University of Oregon

1990 - 1991 Member, Graduate Education Committee

SERVICE--Continued

University of Minnesota

1988 - 1989 Member, President's Select Committee on Service and Support Units
 1987 - 1988 Member, University Senate Consultative Committee
 1987 - 1988 Chair, Minnesota Student Association Undergraduate Education Committee

HONORS AND AWARDS

2001 Outstanding Achievement Award, University of South Carolina Department of Psychology

1988 Research Fellowship, National Science Foundation,
University of Minnesota Undergraduate Research
Opportunities Program
1988 Phi Kappa Alpha - National Scholastic Honor Society
1984 National Merit Finalist

TEACHING

2013 University of Michigan
Ann Arbor, Michigan
Psycholinguistics
Summer Linguistics Institute

2002-Present University of California, Davis
Davis, California
Undergraduate
Introduction to Psychology, Language and Cognition, Davis
Honors Challenge
Graduate
Topics in Cognitive Psychology, Topics in Psycholinguistics,
Proseminar in Cognitive Psychology

1999-2002 University of South Carolina
Columbia, South Carolina
Undergraduate
Introduction to Psychology, Sensation and Perception,
Seminar in Language Processing
Graduate
Cognition, Psychology of Language

1992 - 1993 University of Wisconsin
Madison, Wisconsin
Undergraduate
Introduction to Psychology

1990, 1991 University of Oregon
Eugene, Oregon
Undergraduate
Introduction to Psychology

REFERENCES

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