

November, 2023

**Michael K. Tanenhaus**  
**Curriculum Vitae**

**Mailing Address**

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**Education**

B.S., Speech and Hearing Science, The University of Iowa, 1973  
M.A., Psychology, Columbia University, 1975  
Ph.D., Psychology, Columbia University, 1978

**Honors and Awards**

University of Rochester Lifetime Achievement in Graduate Education Award, 2023  
Federation of Brain and Behavioral Sciences, Honoree, 2018  
(<http://fabbs.org/honoring-our-scientists/>)  
David E. Rumelhart Prize for Theoretical Contributions to the Foundations of Human Cognition (<http://rumelhartprize.org/>), 2018  
Chair Professor, Nanjing Normal University, Nanjing China, 2016-2019  
Honorary Visiting Professor, Nanjing Normal University, Nanjing China, 2014  
Member of American Academy of Arts and Sciences, 2011  
Alumni Fellow, College of Arts and Sciences, University of Iowa, 2009  
Inaugural Beverly Petterson Bishop and Charles W. Bishop Professor, 2008  
Fellow, Cognitive Science Society, 2007  
Fellow, American Association for the Advancement of Science, 2006  
Fellow, Association for Psychological Science, 2005  
University Award for Excellence in Graduate Teaching, University of Rochester, 2002  
Outstanding Senior Achievement Award, University of Iowa, 1973  
Highest Distinction and Special Honors in Speech and Hearing Sciences, University of Iowa, 1973

**Keynote Addresses:**

Rumelhart Prize Recipient Lecture, Cognitive Science Society Meetings, Madison, Wisconsin, July, 2018  
X International Congress of ABRALIN (Association for Brazilian Linguistics), Niteroi, Brazil, March, 2017  
Clinical Aphasiology Conference (CAC), Monterey CA, May, 2015  
ESLP (Embodied and Situated Language Processing), Rotterdam, August 2014.  
SIGDIAL, Portland, June 2011.  
CUNY Sentence Processing Conference, NYU, March 2010.  
IRCS workshop: Bridging the divide between processing and development, University of Pennsylvania, November 2007.  
European Conference on Eye Movements (ECEM), August 2003  
Architectures and Mechanisms for Language Processing (AMLAP), August 2003

Forum Lecture, LSA Summer Institute, July 2003, East Lansing, MI.  
American Association for Artificial Intelligence, UC Santa Cruz, 2000  
The Annual Distinguished Lecture in Symbolic Systems, Stanford University, April, 1999  
The Nijmegen Lectures, Max Planck Institute for Psycholinguistics and University of  
Nijmegen, The Netherlands, December 1997  
Society for Philosophy and Psychology, NYU, New York City, 1996  
Association for Computational Linguistics, Vancouver, 1995  
Cognitive Science Society, Rochester, N.Y. 1983

## **PROFESSIONAL EXPERIENCE**

### **University of Rochester**

Emeritus Beverly Petterson Bishop and Charles W. Bishop Professor of Brain and  
Cognitive Sciences, 2021 to present.  
Chair Professor, School of Psychology, Nanjing Normal University, China, 2016 to 2019  
Beverly Petterson Bishop and Charles W. Bishop Professor of Brain and Cognitive  
Sciences, April, 2008 to 2021.  
Professor, Department of Brain and Cognitive Sciences, 1995 to 2008.  
Professor of Linguistics, 1996 to 2017  
Visiting Professor, LSA Summer Institute, 1987, 2007, 2011  
Director, Center for Language Sciences, 1996-1999; 2003 to 2009  
Acting Chair, Department of Linguistics, 1996–1999  
Chair, Department of Psychology, 1991-1992  
Professor, Department of Psychology, 1987 to 1995.  
Chair, Cognitive Science Cluster, 1985 to 1990  
Associate Professor, Department of Psychology, 1983 to 1987

### **Wayne State University**

Associate Professor, Department of Psychology, 1981 to 1983  
Assistant Professor, Department of Psychology, 1977 to 1981

## **EXTERNAL GRANT SUPPORT**

*Coordinating information in sentence processing*, PI, National Institute of Child Health and  
Human Development (NICHD), (Greg Carlson and Christine Gunlogson Co-PIs), 1991-  
2017, Total direct costs for most recent five-year grant period, \$1,150,00.  
*Time course of spoken word recognition*, PI (Richard Aslin, primary Co-PI; Robert Jacobs,  
secondary Co-PI). National Institute of Deafness and other Communication Disorders  
(NIDCD), 2001 to 20012; National Institute of Child Health and Human Development,  
NICHD, 2012-2017. Total direct costs for current four year grant period, \$680,000.  
*Training in the Language Sciences*, PI, National Institute of Deafness and other  
Communication Disorders, (NIDCD) 1995-2016. Last grant period supported three  
post-doctoral fellows and five pre-doctoral fellows.  
*Structural, discourse, and pragmatic effects on binding*, Co-PI (Jeffrey Runner, PI; Elsi  
Kaiser, Co-PI), National Science Foundation, 2002 to 2009. Total costs for most recent  
grant period (2006-2009) \$109,000.  
*Time course of spoken word recognition*, PI, National Science Foundation, (Richard Aslin,  
Co-PI), 1998-2001, Total costs, \$300,000.

*The role of contrast in the on-line comprehension of focus constructions*, Co-PI, National Science Foundation (Greg Carlson PI). 1994-1999. Total costs, \$130,000.

*Lexical structure, parsing, and discourse integration*, PI, National Science Foundation grant (Greg Carlson Co-PI). 1987-1990. Total costs, \$210,000

*Evoked potential correlates of language comprehension*, PI, (Susan Garnsey and Robert Chapman, Co-PIs). National Institute of Child Health and Development (NICHD) Total direct costs approximately \$400,000

*Application of on-line methodologies to the study of linguistic representation* PI, National Science Foundation grant (Greg Carlson Co-PI), 1982-1984. Total costs approximately \$160,000

*Development and integration of lexical codes*, PI, National Institute of Child Health & Human Development grant, 1981-1984 (Greg Carlson Co-PI); 1984-1987, (Mark Seidenberg Co-PI), Direct costs approximately \$240,000.

*Lexical ambiguity resolution in discourse*, PI, National Science Foundation grant, 1979-1980. Total costs approximately \$90,000.

*The clausal processing hierarchy*, National Science Foundation dissertation grant (with John M. Carroll), Supervisor: Thomas Bever, 1976-1977. Total costs, \$2,000.

## **REVIEWING AND EDITORIAL RESPONSIBILITIES:**

### **Grant Panels**

NSF Linguistics Panel, 1987-1990  
NIH Language and Communication Panel (BBP3, LCOM) 2002-2006  
Numerous NIH special emphasis and fellowship panels (2007 to present)  
NIH CSR College of Scientific Reviewers (term deferred until 2011-214).

### **Editing**

Editor (one of six) *Language and Cognitive Processes*, 1986-1990.  
Editorial Board, *Language, Cognition and Neuroscience* (formerly *Language and Cognitive Processes*, 1990-present  
Editorial Board, *Cognition*, 1987-1992  
Editorial Board, *Journal of Experimental Psychology: General*, 1990-1995  
Editorial Board, *Journal of Experimental Psychology: Learning, Memory and Cognition*, 1995-1997.  
Co-Editor, Special Issue of *Journal of Memory and Language: Language-Vision Interactions*. November, 2007.

### **Journal Reviewing**

Numerous reviews for *Science*, *Nature*, and all major cognitive journals, e.g., *Cognitive Psychology*, *Journal of Memory and Language*, *Journal of Experimental Psychology: LMC*; *HPP*; and *General*, *Psychological Review*, *Psychological Science*, *Psychological Bulletin and Review*, *Cognition*, *Memory & Cognition*. Occasional reviewer for *Linguistic Inquiry*, *Language*, *Language and Speech*, *Language Learning & Development*, *Trends in Cognitive Science*.

### **Conference Reviews**

Meetings of the Cognitive Science Society (most years from 1983 to the present)  
CUNY Sentence Processing Conference (most years from 1987 to the present)

Architectures and Mechanisms of Human Language Processing (AMLaP), most years, 1996 to present)

**Program Committee Member**

Co-Organizer, CUNY Sentence Processing Conference, Rochester, 1988

Program Committee, CUNY Sentence Processing Conference (most years 1988 to present)

Cognitive Science Society Meetings, 1983, 2000, 2003

**Executive Committee Member**

CUNY Sentence Processing Conference, 2000 to 2020.

Architecture and Mechanism of the Human Language Processing System (AMLaP), 1999 to 2015.

External Advisory Committee Member, Michigan State University, IGERT training program, 2002-2005

**Department and Program Reviews**

Department of Cognitive and Linguistic Sciences, Brown University, 1992

Department of Psychology, University of Pennsylvania, 1993

Beckman Institute, University of Illinois, Biological Intelligence Theme, 1998

Brain and Behavior Cluster, Brown University, special focus on Department of Cognitive and Linguistic Sciences, 1999.

Beckman Institute, University of Illinois, Biological Intelligence Theme, 2002

Department of Linguistics, University of Pennsylvania, 2006

Department of Linguistics and Cognitive Science, Pomona College, 2014

**RESEARCH INTERESTS**

As we are listening or reading, we develop interpretations without waiting until the ends of words, phrases or sentences. This process requires continuous coordination of different types of linguistic and non-linguistic information. Moreover, the sequential nature of the input means that numerous temporary ambiguities routinely arise. My research throughout the mid 1980s and early 1990s examined lexical representations and syntactic processing using within a constraint-based framework. I examined those issues using of a variety of experimental methods and computational models, focusing primarily on reading.

In the mid-1990s, my students and I pioneered the use of eye tracking as a methodology for monitoring spoken language comprehension, which we dubbed the Visual World Paradigm. Participants follow spoken instructions to manipulate real or computer displayed objects (e.g., Put the candle that's on the towel into the box) or engage in interactive conversation to solve joint tasks in this visual world. Eye movements to the objects are precisely time-locked to relevant information in the instruction as it unfolds, making it possible to study real-time comprehension and production of spoken language with natural tasks. We used this methodology to examine issues in spoken word recognition, syntactic and semantic processing, anaphora resolution, and interactive comprehension in collaborative tasks. Two large-scale projects primarily used the Visual World Paradigm.

The first project examined spoken word recognition in continuous speech, using English as well as artificial languages and a combination of experimentation and modeling. We traced the time course of lexical access, resolving outstanding issues about lexical competition and validating a quantitative linking hypothesis between lexical activation and fixations. We examined the effects of sub-categorical phonetic variation on lexical access,

integrating classical issues in speech perception with investigations of lexical access. We proposed that many otherwise puzzling characteristics of real time spoken language and speech processing can be accounted for by considering: (1) fine-grained time varying acoustic properties; (2) the contingencies that arise among these properties; and (c) how asynchronous cues are integrated in real-time. My colleagues and I also explored cue-integration, perceptual learning and use of speech cues that have alternative explanations by different subsystems, using a dative explanation (i.e., generative models) framework. Much of the work on these topics examined how expectations based on prosody influence word segmentation.

The second project examined syntactic, semantic, and pragmatic processing in natural contexts, including unscripted interactive conversation. This work bridged two broad traditions in language performance: (1) the “language-as-product” approach which focuses on the recovery (or creation) of context invariant linguistic structure in an utterance and (2) the “language-as-action” approach which views language processing as inextricably bound to a particular time and place, with speakers and hearers cooperating to create context-specific representations. We explored how multiple sources of information, including prosody, goals and intentions, action-based affordances, and tracking of an interlocutor’s likely knowledge are used to construct and dynamically update referential domains in comprehension, and most recently, during production in interactive conversation. Much of this research addressed issues in experimental pragmatics, including how likely context-specific linguistic alternatives impact real-time pragmatic inference.

I didn’t officially retire until 2021, but closed my laboratory in 2017. I have lightly kept my hand in the field through collaborative projects developed during my time at Nanjing Normal University in China. One line of research was initiated by Yingjia Wan now at the Chinese Academy of Sciences, and combined with Visual World studies in collaborative tasks with Wan and Yipu Wei at Peking University. We examine how short-term experience with fine-grained collaborative tasks promotes prosocial behavior and perspective-taking in children and adults. The second line of research initiated by Qingrong Chen at Nanjing Normal University focuses on alternative explanations for word frequency (WF) effects in sentence processing. Our work is motivated by a “context-constructive” model developed in collaboration with Shaorong Yan and Frank Mollica (University of Melbourne). We assume that language users store fine-grained, contextualized statistical information about word distributions; this information is used to actively construct and update a context model that informs expectations about what words should be expected in the current context. This approach makes novel predictions, which we’ve confirmed in frequency judgment studies, eye-tracking in reading in contexts with different degrees of constraint, and corpus analyses of eye-tracking data with natural texts.

#### **IMPACT MEASURES:**

Google Scholar: H-index: 94; Citations: >38,000.

#### **PUBLICATIONS: (>250)**

##### **Refereed Journal Articles: (>125)**

Brown, M., Tanenhaus, M.K & Dilley, L.A. (2023). Syllable inference as a mechanism for spoken language understanding. *Topics in Cognitive Science*, **13** (1), 351-398.

- Wan, Y., Wei, Y., Xu, L., Zhu, L. & Tanenhaus, M.K. (2023). Musical coordination affects children's perspective-taking, but musical synchrony does not. *Developmental Science*, e13367. <https://doi.org/10.1111/desc.13367>
- Huang, X., Lin, D., Yang, Y., Xu, Y., Chen, Q.R. & Tanenhaus, M.K. (2021). Effects of character and word contextual diversity in Chinese beginning readers. *Scientific Studies of Reading*. 25 (3). 251-271.
- Wan, Y., Fu, H., & Tanenhaus, M. K. (2019). Effects of coordination and gender on prosocial behavior in 4-year-old Chinese children. *Psychonomic Bulletin & Review*, 26, 685–692.
- Kurumada C., Brown, M. & Tanenhaus, M.K. (2018). Effects of distributional information on categorization of prosodic contours. *Psychonomic Bulletin & Review*, 25 (3), 1153-1160.
- Chen, Q.R., Bai L., Xu, X., Yang, Y. & Tanenhaus, M.K. (2017). The effect of character contextual diversity on eye movements in Chinese reading. *Psychonomic Bulletin & Review*. 24 (6) 1971-1979.
- Chen, Q.R., Bai L., Xu, X., Yang, Y. & Tanenhaus, M.K. (2017). The effect of contextual diversity on eye movements in Chinese reading. *Psychonomic Bulletin & Review*. 24 (2) 510-518.
- Chen, Q.R., Zhang, J., Xu, X., Scheepers C.S., & Tanenhaus, M.K. (2016). Prosodic expectations in silent reading: ERP evidence from rhyme scheme and semantic congruence in classic Chinese poems. *Cognition*. 154, 11-21.
- Buz, E., Tanenhaus, M.K. & Jaeger, T.F. (2016). Dynamically adapted context-specific hyper-articulation: Feedback from interlocutors affects speakers' subsequent pronunciations. *Journal of Memory and Language*, 89, 68-86.
- Ibarra, A. & Tanenhaus, M.K. (2016). The flexibility of conceptual pacts: referring expressions dynamically shift to accommodate new conceptualizations. *Frontiers in Psychology*, 7, Paper 561.
- Gegg-Harrison, W.M. & Tanenhaus, M.K. (2016). What's in a name? Interlocutors dynamically update expectations about shared names. *Frontiers in Psychology*. 7, Paper 212.
- Pogue, A., Kurumada, C. & Tanenhaus, M.K. (2016). Talker-specific generalization of pragmatic inferences based on under- or over-informative pronominal adjective use. *Frontiers in Psychology*. 6, Paper 2035.
- Yildirim, I., Degen, J., Tanenhaus, M.K. & Jaeger, T.F. (2016). Talker-specificity and adaptation in quantifier interpretation. *Journal of Memory and Language*. 87, 128–143.
- Degen, J. & Tanenhaus, M.K. (2016). Alternatives and the processing of scalar implicatures: a visual world eye-tracking study. *Cognitive Science*, 40, 172–201.
- Heeren, W., Bibyk, S., Gunlogson, C. & Tanenhaus, M.K. (2015). Asking or telling – real-time processing of prosodically distinguished questions and statements. *Language and Speech*, 58 (4) 474–501.
- Farmer, T.A. Yang, S., Bicknell, K., & Tanenhaus, M.K. (2015). Form-to-expectation matching effects on first-pass eye movement measures during reading. *Journal of Experimental Psychology: Human Perception and Performance*. 41(4), 958–976.
- Heller, D., Arnold, J.E., Klein, N.M. & Tanenhaus, M.K. (2015). Inferring difficulty: Flexibility in the real-time processing of disfluency. *Language and Speech* 58(2), 190-203.

- Degen J. & Tanenhaus, M.K. (2015). Processing scalar implicature: A constraint-based approach. *Cognitive Science*, 39, 667–710.
- Brown, M., Salverda, A.P., Dilley, L.A. & Tanenhaus, M.K. (2015). Metrical expectations from preceding prosody influence perception of lexical stress. *Journal of Experimental Psychology: Human Perception and Performance*. 41 (2), 306–323
- Kim, C.S., Gunlogson, C., Tanenhaus, M.K. & Runner, J.T. (2015). Context-driven expectations about focus alternatives, *Cognition*, 139, 28-49.
- Carbary, K., Brown, M., Gunlogson, C., Fazlipour, A., McDonough, J.M. & Tanenhaus, M.K. (2015). Anticipatory deaccenting in online language comprehension: A phonemic restoration study. *Language, Cognition and Neuroscience*, 30, 197-211.
- Brown, M., Salverda, A.P. Gunlogson, C. & Tanenhaus, M.K. (2015). Interpreting prosodic cues in discourse context. *Language, Cognition and Neuroscience*, 30, 149-166.
- Kurumada, C., Brown, M., Bibyk, B., Pontillo, D.F. & Tanenhaus, M.K. (2014). Is it or isn't it: Listeners make rapid use of prosody to infer speaker meanings. *Cognition*, 133, 235-242.
- Kim, C.S., Carbary, K. & Tanenhaus, M.K. (2014). Syntactic priming without lexical overlap in reading comprehension, *Language and Speech*, 57 (2), 181-195.
- Salverda, A.P. Kleinschmidt, D. & Tanenhaus, M.K. (2014). Immediate effects of anticipatory coarticulatory information in spoken-word recognition. *Journal of Memory and Language* 71, 145–163
- Klein, N.M., Gegg-Harrison, W., Carlson, G.N. & Tanenhaus, M.K. (2013). Experimental studies of weak definite and indefinite noun phrases. *Cognition*, 128, 187-213.
- Gorman, K.S., Gegg-Harrison, W., Marsh, C.M. & Tanenhaus, M.K. (2013). What's learned together stays together: speakers' choice of referring expression reflects shared experience. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 39 (3), 843-853.
- Creel, S.C., Aslin, R.N. & Tanenhaus, M.K. (2012). Word learning under adverse listening conditions: Context-specific recognition. *Language and Cognitive Processes*, 27 (7/8), 1021-1038.
- Aist, G., Campana, E.M., Allen, J.F. & Tanenhaus, M.K. (2012). Fruit Carts: a domain and corpus for psycholinguistics and dialogue systems research. *Computational Linguistics*. 38 (3), 469–478.
- Heller, D., Gorman, K. S & Tanenhaus, M.K. (2012). To name or to describe: shared knowledge affects choice of referential form. *Topics in Cognitive Science*, 4 (2) 290-305.
- Brown, M., Salverda, A.P., Dilley, L.A. & Tanenhaus, M.K. (2011). Expectations from preceding prosody influence segmentation in online sentence processing. *Psychonomic Bulletin & Review*. 18(6), 1189-1196.
- Wolter, L., Gorman, K.S. & Tanenhaus, M.K. (2011). Scalar reference, contrast and discourse: Separating effects of linguistic discourse from availability of the referent. *Journal of Memory and Language*, 65 (3), 299-317.
- Salverda, A.P., Brown, M., & Tanenhaus, M.K. (2011). A goal-based perspective on eye movements in visual-world studies. *Acta Psychologica*, 137(2), 172-180.
- Campana, E.M., Tanenhaus, M.K., Allen, J.F. & Remington, R. (2011). Natural discourse reference generation reduces cognitive load. *Journal of Natural Language Engineering*. 17 (3), 311-329.

- Salverda, A.P. & Tanenhaus, M.K. (2010). Tracking the time course of orthographic information in spoken-word recognition. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 36 (5), 1108-1117.
- Grodner, D. Klein, N. Carbary, K. & Tanenhaus, M.K. (2010). “Some,” and possibly all, scalar inferences are not delayed: Evidence for immediate pragmatic enrichment. *Cognition*. 116 (1) 42-55.
- Silverman, L. Campana, E.M., Bennetto, L. & Tanenhaus, M.K. (2010). Speech and gesture in High Functioning Autism. *Cognition*, 115 (3) 380-393.
- Cook, S.W. & Tanenhaus, M.K. (2009). Embodied communication: Speakers' gestures affect listeners' actions, *Cognition*, 113, 98-104.
- Kaiser, E., Runner, J.T., Sussman, R.S. & Tanenhaus, M.K. (2009). Structural and semantic constraints on the resolution of pronouns and reflexives. *Cognition*. 112, 55-80.
- McMurray, B., Tanenhaus, M.K. & Aslin, R.N. (2009). Within-category VOT affects recovery from “lexical” garden paths: Evidence against phoneme-level inhibition. *Journal of Memory and Language*. 60 (1) 65-91.
- McMurray, B. Clayards, M.A., Tanenhaus, M.K., Aslin, R.N. (2008). Tracking the time course of phonetic cue integration during spoken word recognition. *Psychonomic Bulletin & Review*. 15(6) 1064-1071.
- McMurray, B., Aslin, R.N., Tanenhaus, M.K. Spivey, M.J. & Subik, D. (2008). Gradient sensitivity to within-category variation in words and syllables. *Journal of Experimental Psychology: Human Perception and Performance*, 34(6) 1609-1631.
- Watson, D., Tanenhaus, M.K. & Gunlogson, C. (2008). Interpreting pitch accents in on-line comprehension: H\* vs L+H\*. *Cognitive Science*, 32(7) 1232-1244.
- Pirog Revill, K., Tanenhaus, M.K. & Aslin R.N. (2008). Context effects on spoken word recognition in a novel lexicon. *Journal of Experimental Psychology: Learning, Memory & Cognition*, 34 (5) 1207-1223.
- Magnuson, J.S., Tanenhaus, M.K., Aslin, R.N. (2008). Immediate effects of form-class constraints on spoken word recognition. *Cognition*, 108, 866-873.
- Heller, D., Grodner, D. & Tanenhaus, M.K. (2008) The role of perspective in identifying domains of references. *Cognition*, 108, 811-836.
- Clayards, M.A., Tanenhaus, M.K., Aslin, R.N. & Jacobs, R.A. (2008). Perception of speech reflects optimal use of probabilistic speech cues. *Cognition*, 108, 804-809
- Pirog Revill, K., Aslin R.N., Tanenhaus, M.K. & Bavelier, D. (2008). Neural correlates of partial lexical activation. *Proceedings of the National Academy of Science*, 105, 35, 13110-13114.
- Brown-Schmidt, S. & Tanenhaus, M.K. (2008). Real-time investigation of referential domains in unscripted conversation: a targeted language game approach. *Cognitive Science*. 32, (4) 643-684.
- Brown-Schmidt, S., Gunlogson, C. & Tanenhaus, M.K. (2008). Addressees distinguish shared from private information when interpreting questions during interactive conversation. *Cognition*, 107, 1122-1134.
- Maye, J., Aslin, R.N. & Tanenhaus, M.K. (2008). The Weckud Wetch of the Wast: Lexical adaptation to a novel accent. *Cognitive Science*, 32, 3, 543-562.
- Wonnacott, E., Newport, E.L. & Tanenhaus, M.K. (2008). Acquiring and processing verb argument structure: distributional learning in a miniature language. *Cognitive Psychology*, 51, 165-209.



- Watson, D.G., Arnold, J.E. & Tanenhaus, M.K. (2008). Tic Tac TOE: Effects of predictability and importance on acoustic prominence in language production. *Cognition*, *106*, 1548-1557.
- Tanenhaus, M.K. & Brown-Schmidt, S. (2008). Language processing in the natural world. In Moore, B.C.M., Tyler, L.K. & Marslen-Wilson, W.D. (eds.) *The perception of speech: from sound to meaning. Philosophical Transactions of the Royal Society B: Biological Sciences*, *363*, 1105-1122.
- Creel, S.C., Aslin, R.N. & Tanenhaus, M.K. (2008). Heeding the voice of experience: The role of talker variation in lexical access. *Cognition*, *106*, 633-664.
- Ferreira, F. & Tanenhaus, M.K. (2007). Introduction to special issue on language-vision interactions. *Journal of Memory and Language*, *57*, 455-459.
- Arnold, J.E., Hudson Kam, C.L. & Tanenhaus, M.K. (2007). If you say *thee uh-* you're describing something hard: the on-line attribution of disfluency during reference comprehension. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *33*, (5), 914-930.
- Salverda, A.P., Dahan, D., Tanenhaus, M.K., Crosswhite, K., Masharov, M. & McDonough, J.M. (2007). Effects of prosodically modulated sub-phonetic variation on lexical competition. *Cognition*, *105* (2), 466-476.
- Hare, M., Tanenhaus, M. K. & McRae, K. (2007). Understanding and producing the reduced relative construction: evidence from ratings, editing and corpora. *Journal of Memory and Language*, *56*, 410-435.
- Tanenhaus, M.K. & Hare, M. (2007) Phonological typicality and sentence processing. *Trends in Cognitive Science*, *11*, 93-95.
- Magnuson, J. S., Dixon, J. A., Tanenhaus, M. K., & Aslin, R. N. (2007). The dynamics of lexical competition during spoken word recognition. *Cognitive Science*, *31*, 133-156.
- Creel, S.C., Tanenhaus, M.K. & Aslin, R.N. (2006). Consequences of lexical stress on learning an artificial lexicon. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *32*, 15-32.
- Brown-Schmidt, S. & Tanenhaus, M.K. (2006). Watching the eyes when talking about size: An investigation of message formulation and utterance planning. *Journal of Memory and Language*, *54*, 592-609.
- Creel, S.C., Aslin, R.N. & Tanenhaus, M.K. (2006). Acquiring an artificial lexicon: effects of segment type and order information. *Journal of Memory and Language*, *54*, 1-19.
- Runner, J.T., Sussman, R.S. & Tanenhaus, M.K. (2006). Assigning referents to reflexives and pronouns in picture noun phrases. Experimental tests of Binding Theory. *Cognitive Science*, *30*, 1-49.
- McRae, K., Hare, M., & Tanenhaus, M.K. (2005). Meaning Through Syntax is insufficient to explain comprehension of sentences with reduced relative clauses: A critique of McKoon & Ratcliff (2003). *Psychological Review*, *112*, 1022-1031.
- Dahan, D. & Tanenhaus, M.K. (2005). Looking at the rope when looking for the snake: Conceptually mediated eye movements during spoken-word recognition. *Psychological Bulletin & Review*, *12*, 455-459.
- Brown-Schmidt, S., Byron, D. & Tanenhaus, M.K. (2005). Beyond salience: interpretation of personal and demonstrative pronouns. *Journal of Memory and Language*. *53*, 292-313.

- Arnold, J.A., Tanenhaus, M.K., Altmann, R.J., & Fagnano, M. (2004). The old and, thee, uh, new: Disfluency and reference resolution. *Psychological Science*, **9**, 578-582.
- Chambers, C.G., Tanenhaus, M.K. & Magnuson, J.S. (2004). Action-based affordances and syntactic ambiguity resolution. *Journal of Experimental Psychology: Learning, Memory & Cognition*, **30**, 687-696.
- Dahan, D. & Tanenhaus, M.K. (2004). Continuous mapping from sound to meaning in spoken-language comprehension: Evidence from immediate effects of verb-based constraints. *Journal of Experimental Psychology: Learning, Memory & Cognition*, **30**, 498-513.
- Hanna, J.E. & Tanenhaus, M.K. (2004). Pragmatic effects on reference resolution in a collaborative task: evidence from eye movements. *Cognitive Science*, **28**, 105-115.
- Hanna, J.E., Tanenhaus, M.K. & Trueswell, J.C. (2003). The effects of common ground and perspective on domains of referential interpretation. *Journal of Memory and Language*, **49**, 43-61
- Magnuson, J.S., McMurray, B., Tanenhaus, M.K. & Aslin, R.N. (2003). Lexical effects on compensation for coarticulation: A tale of two systems? *Cognitive Science*, **27**, 105-106.
- Runner, J.T., Sussman, R.S. & Tanenhaus, M.K. (2003). Assignment of reference to reflexives and pronouns in picture noun phrases: Evidence from eye movements. *Cognition*, **81**, B1-13.
- Magnuson, J.S., Tanenhaus, M.K., Aslin, R.N. & Dahan, D. (2003). The time course of spoken word learning and recognition: Studies with artificial lexicons. *Journal of Experimental Psychology: General*, **132**, 202-227.
- Magnuson, J.S., McMurray, B., Tanenhaus, M.K. & Aslin, R.N. (2003). Lexical effects on compensation for coarticulation: the ghost of Christmash past. *Cognitive Science*, **27**, 285-298.
- Arnold, J.E., Fagnano, M. & Tanenhaus, M.K. (2003). Disfluencies signal thee, um, new information. *Journal of Psycholinguistic Research*, **32**, 25-36.
- McMurray, B., Tanenhaus, M.K., Aslin, R.N. & Spivey, M.J. (2003). Probabilistic constraint satisfaction at the lexical/phonetic interface: Evidence for gradient effects of within-category VOT on lexical access. *Journal of Psycholinguistic Research*, **32**, 77-97.
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- Hudson, S.B. & Tanenhaus, M.K. (1984). Lexical ambiguity resolution in the absence of contextual bias. *Proceedings of the Sixth Annual Cognitive Science Society Meetings*.
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- Tanenhaus, M. K. (2013). All P's or some Q. *Frontiers in Language*
- Farmer, T. A., Brown, M., & Tanenhaus, M. K. (2013). Prediction, explanation, and the role of generative models in language processing. *Behavioral and Brain Sciences*, 36, 211–212.
- Brown-Schmidt, S.B. & Tanenhaus, M.K. (2004). Priming and alignment: Mechanism or consequence? *Brain and Behavioral Sciences*.
- Tanenhaus, M.K. (2003). Language comprehension. In W. Frawley (ed.) *Oxford International encyclopedia of linguistics*. Oxford: Oxford University Press.
- Tanenhaus, M. K. (2002). Sentence processing. In L. Naidel (ed.). *Encyclopedia of Cognitive Science*. Oxford: Oxford University Press/Nature Publishing.
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- Tanenhaus, M.K. (1991). Language comprehension. In W. Bright (Ed.), *Oxford International encyclopedia of linguistics*. Oxford: Oxford University Press.
- Tanenhaus, M.K. (1981). In honor of Eric Lenneberg, Review of psychology and biology of language and thought. G. A. Miller & E. Lenneberg (Eds.). *Contemporary Psychology*, 26, 252-253.





## **INVITED COLLOQUIA AND PRESENTATIONS (1986 to present)**

### **2019**

Workshop at University of Connecticut: “Science and imagination: promoting public interest in inquiry and discovery. Presented talk titled “Science is still the endless frontier, but is Vannevar Bush’s vision still relevant?”

### **2018**

Cognitive Science Program Lecture, University of Toronto Cognitive Science Program, Toronto, Canada, November, 2018.

Presentation to Psycholinguistics Interest Group, University of Toronto, Toronto, Canada, November, 2018.

Rumelhart Prize Recipient Lecture, Annual Meetings of the Cognitive Science Society, Madison, Wisconsin, July 2018.

Invited Presentation, Chinese International Conference on Eye Movements, Nanjing Normal University, June, 2018.

Colloquium, Chinese Academy of Sciences, Beijing, China, June, 2018.

Two lectures as keynote speaker: Workshop on Visual World Paradigm. Nanjing University of Science and Technology, Nanjing, China, June, 2018.

### **2017**

Keynote Speaker, X International Congress of the Brazilian Linguistic Society, Niteroi, Brazil, March 2017

Processing spoken language using eye-movements and targeted language games. University colloquium, Federal University of Minas Gerais (FUMG), Belo Horizonte, Brazil, March, 2017.

### **2016**

Keynote Speaker: The language sciences: The next 50 years: Conference celebrating 51<sup>th</sup> anniversary of Department of Linguistics at Northwestern University, September, 2016

Chair Inauguration Lecture, Nanjing Normal University, China, May 2016

Explanation and generalization in high-level language processing, Nanjing Normal University, China

### **2015**

Keynote Speaker: Clinical Aphasiology Conference (CAC), Monterey CA, May, 2015

Invited Speaker, Workshop on Methodological Issues in Experimental Pragmatics, Berlin, June, 2015

Invited Speaker, Experimental Pragmatics, Chicago, July, 2015 (had to withdraw because of illness)

### **2014**

Distinguished Speaker in Cognitive Science Lecture, Michigan State University, October, 2014

Keynote Speaker Generation of referring expressions, Edinburgh, Scotland,

Keynote Speaker ESLP (Embodied and Situated Language Processing), Rotterdam, Netherlands, August 19-22, 2014.

Nanjing Normal University, Nanjing, China, two lectures, May 25-30, 2014

University of Pennsylvania, Cognitive Science Colloquium, April 6, 2014.

Swarthmore College, Lecture, April 5, 2014

UCLA, Department of Linguistics colloquium, February 15, 2014.

USC, Department of Linguistics colloquium, February, 24 2014.

**2013**

Stanford University, Language and Cognition Forum (colloquium series), September 2013  
University of Wisconsin at Madison, two Brown bag talks, March 2013  
University of Maryland, (Mayfest, Expectations in language processing), May 2013  
University of Massachusetts at Amherst (Workshop on Implicit and Explicit Prosody), May 2013

**2012**

University of Iowa, Brown Bag

**2011:**

Interactional Foundations of Language: Invited talk at workshop organized by N. Enfield and S. Levinson, July, Boulder, Colorado  
SIGDIAL11 (conference of special interest group on computational models of dialogue): Invited talk, June, Portland

**2010:**

Leverhulme Workshop on Context and Communication. September, Barcelona, Spain.  
Basque Center for Brain and Language (BCBL). San Sebastian, Spain.  
San Sebastian-Donostia. Understanding Language: Forty Years Down The Garden Path. (course held in honor of Thomas Bever). June, San Sebastian, Spain. Two lectures.  
New York University, CUNY Sentence Processing Conference, March 2010.  
Brock University, Colloquium, Department of Applied Linguistics Speaker Series, March, 2010  
University of Pennsylvania, Brown Bag, Institute for Research in Cognitive Science, February 2010.

**2009:**

MIT, Department of Linguistics and Philosophy, Brown bag talk and Linguistics Colloquium speaker, December, 2009.  
Boston University Child Language Development Conference (BUCLD), Invited speaker, November, 2009.  
University of Iowa, Developmental Sciences seminar presentation and joint colloquium, Department of Psychology and Department of Communication Sciences and Disorders, September, 2009.

**2008:**

McGill University, Center for Language, Mind and Mind, Distinguished Lecture Series, December, 2008.  
Northwestern University, Technology & Social Behavior, Distinguished Colloquium Speaker Series, November, 2008.  
École Normale Supérieure in Paris, Department of Cognitive Studies. Four lectures at Fall School (Ealing 6), September, 2008.  
University of Ottawa, Distinguished Lecture in Cognitive Science, April, 2008.  
University of South Carolina, Brown bag and formal colloquium, April, 2008.  
Cornell University, Cognitive Studies Colloquium, March, 2008.

**2007:**

University of Rochester, Invited speaker, Workshop on Assisted Cognition, Rochester, New York, October.  
University of Pennsylvania, Keynote speaker, IRCS workshop: Bridging the divide between language processing and language learning., November, 2007.

Tufts University Invited speaker, Workshop on Meaning from Language, Medford, Mass., April, 2007.

**2006:**

Invited speaker, Workshop on Eye Movements. Meetings of the Cognitive Science Society, Vancouver, Canada.

LOVE conference: Introduction of Richard N. Aslin, February, 2006

University of Maryland, Brown bag talk and formal colloquium, March, 2006

University of Michigan, Invited speaker for inaugural seminar for Language and Mind major and colloquium, April, 2006.

Washington University, St Louis. Colloquium in Brain and Behavior series, May, 2006

University of Gronigen (The Netherlands). Invited speaker, Workshop on Ambiguity in Language, June, 2006.

National Science Foundation Workshop: Frontiers of Mind and Brain, July, 2006, Washington, D.C.

University of Rochester, Neurology Grand Rounds, August, 2006

The Ohio State University, Commentator, Workshop on Accommodating Presuppositions, October, 2006.

University of Rochester, Cognitive Science Dinner Talk, November, 2006.

**2005:**

Invited speaker, Experimental Pragmatics Conference, Cambridge England, April, 2005.

Invited lecturer, University of Milan at Bocaccio, May, 2005. Three lectures.

**2004:**

Invited speaker, CATALOG: Seventh annual conference on semantics and dialogue. Barcelona, Spain, July, 2004.

The Ohio State University, Department of Linguistics colloquium, October, 2004

The Ohio State University, Presentation to the Pragmatics Working Group, October, 2004

Invited speaker, First NWO Cognitive Science Summer School on "Language and Perception: From Stimulus to Understanding". Doorwerth, Netherlands, October, 2004.

Invited speaker, Cornell Workshop on Language Universals, Ithaca, NY., May, 2004.

**2003:**

Columbia University, Language and Cognition University Lecture, October, 2003.

Keynote Address, European Conference on Eye Movements, Dundee, Scotland, August, 2003

Invited Speaker AMLaP (Architectures and Mechanisms for Language Processing), Glasgow, Scotland, 2003

Linguistic Institute of America, Forum Lecture, East Lansing, MI, July, 2003

Invited talk HPSG Conference, East Lansing, MI, July, 2003

University of Wisconsin, Department of Psychology Colloquium, May, 2003

University of Wisconsin, Language and Mind Seminar Lecture, May 2003

The Johns Hopkins University, Center for Speech and Language Processing Colloquium, March, 2003.

Vancouver Workshops in Cognitive Science: Discourse: Reference Resolution, Simon Fraser University, Vancouver, February, 2003.

AAAS Meetings, Symposium organizer and speaker, The eyes have it: eye movements and spoken language. Denver, February, 2003

**2002:**

University of Illinois, Beckman Institute, Language Processing Colloquium  
 Princeton University, Department of Psychology Colloquium, March, 2002  
 University of Connecticut, Cognitive Science Colloquium, April, 2002  
 Haskins Research Laboratory Research Talk, April 2002  
 MSU Workshop on “Eye movements in language, perception and action”. East Lansing,  
 Michigan, May, 2002  
 University of Calgary, Department of Psychology Colloquium, June, 2002

**2001:**  
 Invited Presentation, CUNY Sentence Processing Conference, University of Pennsylvania,  
 March 2001.  
 Formal Colloquium Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands,  
 October 2001.  
 Informal Lecture, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands,  
 October 2001.  
 Invited Presentation, Language Comprehension Symposium, European Society of Cognitive  
 Psychology, Edinburgh, Scotland, September 2001.  
 Department of Psychology, York University, York, England, September 2001.  
 Colloquium, Cognition and Brain Science Unit, MRC, Cambridge, September 2001.

**2000:**  
 Workshop on Spoken Word Access and Processes, Max Planck Institute for  
 Psycholinguistics, Nijmegen, The Netherlands, May, 2000  
 Brown bag talk, University of Southern California, March, 2000  
 Inaugural Address, Cognitive Science Program, SUNY Oswego, April, 2000  
 Invited Address, American Association for Artificial Intelligence, Austin, Texas, August,  
 2000.  
 Cognitive Science Dinner Presentation, University of Rochester, May, 2000

**1999:**  
 University of Buffalo, Cognitive Science Colloquium, January, 1999  
 Texas Linguistics Forum, Keynote address, February, 1999  
 Stanford University, Distinguished Lecture in Symbolic Systems, April, 1999  
 Johns Hopkins University, Workshop in Speech and Language, June, 1999.  
 NSF Workshop on Spatial Intelligence, October, 1999  
 Northwestern University, Cognitive Science Colloquium, October, 1999  
 Notre Dame University, Department of Psychology Colloquium, December, 1999  
 Michigan State University, Speaker in Distinguished Speakers in Cognitive Science Series,  
 December 1999  
 State University of New York at Binghamton, Brown Bag and Psychology Department  
 Colloquium, October, 1999  
 University of Pennsylvania, Department of Psychology Colloquium, November, 1999  
 The Johns Hopkins University, Department of Cognitive Science Colloquium, November  
 1999

**1998:**  
 Rutgers University, Center for Cognitive Science, February, 1998  
 New York University, Department of Psychology and Mental Representation Roundtable  
 Colloquium, March, 1998  
 University of Delaware, Brown Bag and Cognitive Science Colloquium, April, 1998.

**1997:**

European Cognitive Psychology Summer School on Psychology of Language, Bressanone, Italy (four lectures to post-docs and advanced Ph.D. students)

York University, York, England, 1997

University of Pennsylvania (short-term visitor, two seminars), February, 1997

University of Arizona (three seminars), March, 1997

Invited address presented to Society of Philosophy and Psychology, New York, N.Y. June, 1997,

York University, York, England, September, 1997

1997 Nijmegen Lectures: Real-time language comprehension with natural tasks: A constraint-based perspective (two lectures and four seminars), Nijmegen, The Netherlands, December 15-17, 1997.

University of Saarbrücken, Saarbrücken, Germany (two colloquia)

Freiberg University, Freiberg, Germany

University of Provence, Provence, France (two colloquia)

**1996:**

University of Pennsylvania

Northeastern University

The Ohio State University

Workshop on Future Directions in Linguistics: Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

Invited address presented to the 34th Annual Meeting of the Association for Computational Linguistics, Santa Cruz, California

University of Western Ontario

**1995:**

University of Maryland, Department of Linguistics Colloquium

University of Southern California, Department of Linguistics Colloquium, Department of Psychology Colloquium

University of Minnesota

University of Chicago

MIT: RTG colloquium series

LOVE Conference, Niagara Falls, Canada

Invited Address, First annual workshop on "Architecture and Mechanisms for Language Processing" (AMLaP), Edinburgh, Scotland.

University of Edinburgh, Edinburgh Scotland. Cognitive Science Colloquium

**1994:**

Attention and Performance XVI: Information Integration in Perception and Communication, Kyoto, Japan

Workshop on Language Comprehension, Lake Geneva, Wisconsin

Beckman Institute, University of Illinois, Cognitive Science Colloquium

Brown University, Department of Linguistics and Cognitive Science

**1993:**

Invited speaker, Conference on The Robustness of the Language Faculty, Utrecht, The Netherlands

Colloquium, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

University of Groningen, Groningen, The Netherlands

Workshop on Centering, Institute for Research in Cognitive Science, University of Pennsylvania

University of Massachusetts at Amherst

University of Buffalo

**1992:**

CUNY Sentence Processing Conference

SUNY Albany

Northwestern University

CSLI, Stanford University

University of Illinois

**1991:**

University of Pennsylvania

Syracuse University

L.O.V.E. Conference, Niagara Falls, Canada

**1990:**

Sperlonga Workshop on Cognitive Mechanisms in Speech, Sperlonga, Italy

University of Ottawa

Princeton University

Wellesley College

Georgia Tech University

**1989:**

CUNY Sentence Processing Conference, New York, NY

Conference on Representation of Knowledge and Language, University of Groningen, The Netherlands

Tutorial, "Psycholinguistic Approaches to Comprehension," Association of Computational Linguistics

Massachusetts Institute of Technology Cognitive Science Colloquium

Sylvia Beach Language Comprehension Workshop, Sylvia Beach, Oregon.

Cognitive Science Society Meetings: Panel on empty categories in sentence processing.

Workshop on "When Words Happen to be Phrases," Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands

**1988:**

Workshop on Cognitive Mechanisms in Speech, Sperlonga, Italy

Workshop on Lexical Ambiguity Resolution, Adelphi University

Cognitive Science Society Meetings, Montreal: Panel on Syntactic Processing

University of Chicago

Conference on Sentence Processing, City University of New York

Eastern States Conference on Linguistics (ESCOL), Philadelphia

Midwestern Psychological Association

CSLI and Stanford University

Conference on Grammar and Processing, University of Maryland

Workshop on Language and Connectionism, Rome, Italy

**1987:**

University of Pennsylvania

**1986:**

University of Pennsylvania  
Johns Hopkins University  
LOVE Conference, Niagara Falls, Canada  
Zangwill Club, Cambridge University  
University of Leiden, The Netherlands  
Instituti di Psicologia, Rome, Italy  
University of Bologna, Italy  
University of Geneva, Switzerland

## **POST-GRADUATE SUPERVISION**

### **Ph.D. students in Academia**

#### ***Wayne State University***

Steven Zecker, 1979. School of Communication Sciences and Disorders, Northwestern University

#### ***University of Rochester***

Curt Burgess, 1991, Department of Psychology, University of California, Riverside  
Julie Boland, 1991, Dept of Linguistics and Dept. of Psychology, University of Michigan  
John Trueswell, 1993, Department of Psychology, University of Pennsylvania  
Gail Mauner, 1995, Department of Psychology, State University of New York at Buffalo  
Michael Spivey, 1995, Department of Cognitive Science, University of California, Merced  
Julie Sedivy, 1997, Department Psychology, University of Calgary  
Craig Chambers, 2000, Department of Psychology, University of Toronto  
Joy Hanna, 2001, Department of Psychology, Oberlin College  
James Magnuson, 2002, Department of Psychology, University of Connecticut  
Bob McMurray, 2004, Department of Psychology, University of Iowa  
Sarah Brown-Schmidt, 2005, Department of Psychology, Vanderbilt University  
Rachel S. Sussman, 2006, Postdoctoral Fellow, Department of Psychology, University of Wisconsin at Madison.  
Sarah C. Creel, 2006, Department of Cognitive Sciences, UCSD.  
Ellen M. Campana, 2007, Department of Arts and Media, Department of Psychology, Arizona State University.  
Kathleen Pirog Revill, 2007, FERN Facilities Manager/Sr. Research Scientist, Emory University.  
Meghan A. Clayards, 2008, Linguistics and Communication Sciences and Disorders, and Center for Language, Mind and Brain, McGill University.  
Kathleen Carbary, 2011, Columbia Basin College, Washington.  
Christina S. Kim, 2012, Department of Linguistics, Kent University, UK.  
Kristen Skovbrotten Gorman, 2012, Center for Research in Learning and Instruction, University of Minnesota.  
Judith Degan, 2013, Department of Linguistics, Stanford University  
Whitney Gegg-Harrison, 2014, Faculty member, Program in Writing and Argument, University of Rochester.  
Meredith Brown, 2014, Post-doctoral Fellow, Tufts University and MGH, Boston  
Jennifer Merickel, 2015, Post-doctoral Fellow, Department of Neurology, University of Nebraska at Omaha.  
Sarah Bibyk, 2016, Postdoctoral Fellow, Vanderbilt University.

## **Post-doctoral Students in Academia**

### ***Wayne State University***

Karen Zabrocky, Department of Psychology, University of Georgia

### ***University of Rochester***

Margery Lucas, Department of Psychology, Wellesley College

Laurie Stowe (deceased, formerly Department of Linguistics, University of Gronigen (The Netherlands))

Susan Garnsey (retired, Department of Psychology, University of Illinois

Ken McRae, Department of Psychology, University of Western Ontario

Chris Barker, Department of Linguistics, NYU.

Kathleen Eberhard, Department of Psychology, Notre Dame University

Whitney Tabor, Department of Psychology, University of Connecticut

Delphine Dahan, Department of Psychology, University of Pennsylvania

Jennifer Arnold, Department of Psychology, University of North Carolina

Katherine Crosswhite, Department of Linguistics, Rice University

Duane Watson, Department of Psychology, Vanderbilt University

Elsi Kaiser, Department of Linguistics, University of Southern California

Lynsey Wolter, Department of English, Eau Claire University

Susan Wagner Cook, Department of Psychology, the University of Iowa

Daphna Hellar, Department of Linguistics, University of Toronto

Daniel Grodner, Department of Psychology, Swarthmore College

Anne Pier Salverda, Research Scientist, Department of Brain and Cognitive Sciences, University of Rochester

Thomas Farmer, Department of Psychology, University of Iowa

Klinton Bicknell, Department of Linguistics, Northwestern University

Jenny, M. Roche, Department of Communication Disorders, Kent State University

Chigusa Kurumada, Assistant Professor, Department of Brain and Cognitive Sciences, University of Rochester

## **Ph.D. students not in academia**

### ***Wayne State University***

James Leiman, 1981, Senior Vice President, Morpace International.

Suzanne Donnenwerth-Nolan, 1982, Patent attorney.

### ***University of Rochester***

Susan Hudson d'Zmura, 1989, Graphics Interface and Graphic Arts Designer.

Cornell Juliano, 1999, Usability Specialist, Xerox Corporation.

Mikhail Masharov, 2008.

Austin Frank, 2010. Senior Scientist, Amazon

Natalie M. Klein, 2011, Senior Human Subjects Specialist, US Army Hospital, Fredericksburg, VA.

## **Post-doctoral students not in Academia**

Paul Allopena, Cognitive Scientist, Human Performance Division, Aptima Corp.



Giannaluca Storto, Research Scientist, Google.