

CURRICULUM VITAE

TIMOTHY C. CLAUSNER

University of Maryland, Institute for Advanced Computer Studies (UMIACS)
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8223 Paint Branch Drive, College Park, Maryland 20742-3255 USA
Email: clausner@umd.edu

EDUCATION

- 1987-1993 Ph.D., Linguistics, University of Michigan, Ann Arbor. August 1993. Dissertation: *Cognitive Structures in Metaphor Comprehension* (W. Croft, principal advisor).
- 1982-1984 M.S., Computer Science, University of Maryland, College Park. May 1984. (S.K. Tripathi, principal advisor)
- 1976-1980 B.S., Applied Physics, Georgia Institute of Technology. June 1980.

PROFESSIONAL EXPERIENCE

- 2007-present University of Maryland, College Park, Institute for Advanced Computer Studies. Visiting Research Scientist (2016-present).
Affiliation: Dept. of Psychology: Cognitive Neuroscience Group.
Human Computer Interaction Laboratory (2010-present).
Senior Research Scientist/Associate, School of Information Studies
Center for Advance Study of Language (2007-2009)
- 1997-2007 HRL Laboratories, Information and System Sciences Lab, Malibu, California. Senior Research Scientist (2001-2007).
Human-Centered Systems Department
Research Scientist (1999-2001), Member of Research Staff (1997).
- 1995-1997 Postdoctoral Fellow. University of Southern California, Language & Cognitive Neuroscience Lab. Program for Neural, Informational & Behavioral Sciences.
- 1995, Aug-Dec Lecturer. University of Southern California. Departments of Linguistics and Psychology. Linguistics/Psychology 586, *Psycholinguistics: Aphasia* (with M. MacDonald)
- 1993-1995 Postdoctoral Fellow. Johns Hopkins University, Cognitive Neurolinguistics/Neuropsychology Lab. Department of Cognitive Science. National Institutes of Health Cognitive Neuropsychology Training Grant (M. McCloskey and B. Rapp).

- 1995, Jan-June Lecturer. Johns Hopkins University, Department of Cognitive Science. Designed and instructed a new course, Cognitive Science 126 *Meanings in the Mind: Introduction to Semantics*.
- 1992-1993 Research Assistant. University of Michigan, Ann Arbor. National Science Foundation grant, *A Framework for Descriptive Grammars* (B. Comrie & W. Croft, principal investigators). Principal software engineer for an object-oriented field-linguistics system.
- 1992, Jan-May Teaching Assistant. University of Michigan, Ann Arbor.
- 1988-1991 Research Assistant. University of Michigan Presidential Initiatives Fund grant, A Cognitive Science Model of Language Acquisition (S. Lytinen, project director; W. Croft, S. Gelman & J. Laird, collaborators).
- 1988, Jan-May and
1987, Sept-Dec Graduate Teaching Assistant. University of Michigan, Ann Arbor.
- 1987, May-Aug Consultant. Bell Northern Research, Ann Arbor, Michigan. (Complexity analysis and design of an optimal algorithm for packet-switched routing of real-time digital voice).
- 1985-1987 Faculty Research Assistant (A. Agrawala). Department of Computer Science, University of Maryland, College Park, Maryland. (Included consulting for NASA Goddard Space Flight Center and Raytheon Corporation on multiprocessor evaluation).
- 1980-1985 Associate Computer Systems Designer (1980-1983).
Computer Systems Designer (1983-1985).
Martin Marietta, Advanced Technology Research Group, Greenbelt, Maryland.
- 1978, Sept - 1979, June Research Assistant, Georgia Institute of Technology, Program in Bioengineering.
- 1978, June-Sept Programmer, Monsanto Company, St. Louis, Missouri.

PROFESSIONAL ORGANIZATIONS

Association for Computing Machinery, 1998
 Psychonomic Society, 1995
 Cognitive Science Society, 1993
 Linguistic Society of America, 1991
 International Cognitive Linguistics Association, 1991

RESEARCH INTERESTS

Cognitive Science, Human-Computer Interaction, Tangible Computing and Interaction, Cognitive Semantics, Conceptualization, Metaphor, Analogical Reasoning, Psycholinguistics, Cognitive Neuroscience, Spatial Cognition, Embodied Cognition, Action and Gesture Language Processing, Knowledge Representation, Artificial Intelligence, Language Acquisition, Human Cognitive Development

FUNDING AWARDS

NSF grant no. IIS-1218160 (\$499,982) to M.L. Maher, T.C. Clausner & A. Druin.
HCC: Small: Designing Tangible Computing for Creativity. 2012-2015.

NSF grant no. DBI-0735191 (PI: S.A. Goff). Sponsored by Nirav Merchant, University of Arizona (\$41,295) to Principal Investigator: T.C. Clausner. iPlant: Enhancing Cyberinfrastructure Usability with Cognitive Principles. Sept 2012 - Jan 2013.

DARPA (Boeing \$400,000, \$189,000 to T. Clausner, Co-Principal Investigator (with B. Hadley & A. Kao): Operations Multimodal Network Interface (OMNI). Oct 2004 - Feb 2005.

ARDA[iARPA] (\$599,600) to T. Clausner, Principal Investigator. A Framework of Visual Metaphors which Portray Tacit Geospatial Knowledge. Oct 2000 - Sept 2002

HRL Laboratories (annual average \$300,000) 1998 - 2006. Principal Investigator and Co-Principal Investigator for numerous projects applying cognitive science to technology research: HRL and via Boeing, General Motors, and Raytheon.

PUBLICATIONS

Maher, M.L., Gero, J., Lee, L., Yu, R., **Clausner, T.C.** (2016) Measuring the Effect of Tangible Interaction on Design Cognition. In D.D. Schmorow and C.M. Fidopiastis (Eds.): AC 2016, Part I, LNAI 9743, pp. 1–13. Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience. Springer: Switzerland. DOI: 10.1007/978-3-319-39955-3_33

Maher, M.L., **Clausner, T.C.**, Gonzalez, B., and Grace, K. (2014). Gesture in the Crossroads of HCI and Creative Cognition. In Proceedings of the CHI '14 Workshop on Gesture-based Interaction Design: Communication and Cognition. Toronto, Canada.

Palmer, E.M., **Clausner, T.C.**, & Kellman, P.J. (2008). Enhancing air traffic control displays via perceptual cues. *ACM Transactions on Applied Perception (TAP)*, 5(1), 1-22.
doi: [10.1145/1279640.1279644](https://doi.org/10.1145/1279640.1279644)

Palmer, E.M., Brown, C.M., Bates, C.F., Kellman, P.J., & **Clausner, T.C.** (2009). Perceptual affordances and imagined viewpoints modulate visual search in air traffic control displays. *Proceedings of the 53rd Annual Meeting of the Human Factors and Ergonomics Society*, 53, 1111-1115.

Clausner, T.C. (2005). Image schema paradoxes: Implications for cognitive semantics. In B. Hampe & in collaboration with J. E. Grady (Eds.), *From Perception to Meaning: Image Schemas in Cognitive Linguistics*. (pp. 93-110). Berlin; New York: Mouton de Gruyter.

Clausner, T.C., & Fox, J.R. (2005). A framework and toolkit for visualizing tacit knowledge. In P. MacDonald (Ed.), *International Conference on Intelligence Analysis*. McClean, VA: MITRE. <https://analysis.mitre.org/proceedings/>.

Azuma, R., **Clausner, T.C.**, Daily, M., Fox, J.R. & Miller, M.E. (2005). Visualization Concepts for Generating Insight from NAS [National Air Space] Simulation Data. *Proceedings of the American Institute of Aeronautics and Astronautics Modeling and Simulation Technologies Conference* (San Francisco, August 15-18).

Clausner, T.C. (2002). How conceptual metaphors are productive of spatial-graphical expressions. In W.D. Gray & C.D. Schunn (Eds.), *Proceedings of the 24th Annual Conference of the Cognitive Science Society* (pp. 208-213). Mahwah, NJ: Erlbaum.

Clausner, T.C. (2001). A Cognitive-based Visualization of Tacit Knowledge about States and Events (*Technical Report No. 621*). Malibu, CA: HRL Laboratories.

Clausner, T.C., & Croft, W. (1999). Domains and image schemas. *Cognitive Linguistics*, 10(1), 1-31. DOI: [10.1515/cogl.1999.001](https://doi.org/10.1515/cogl.1999.001)

Gelman, S.A., Croft, W., Fu, P.F., **Clausner, T.C.**, & Gottfried, G. (1998). Why is a pomegranate an 'apple'? The role of shape, taxonomic relatedness, and prior lexical knowledge in children's overextensions of 'apple' and 'dog'. *Journal of Child Language*, 25(2), 267-291.

Howard, M., Tinker, P., Martin, K., Lee, C., Daily, M., McInnes, D., & **Clausner, T.C.** (1998). *The human-integrating virtual environment (HIVE)*. [CD-ROM]. Proceedings of the 13th All-Raytheon Software Symposium, Greenwich, CT.

Clausner, T.C., & Croft, W. (1997). Productivity and schematicity in metaphors. *Cognitive Science*, 21(3), 247-282. doi:10.1016/S0364-0213(99)80024-X

Clausner, T.C. (1994). Commonsense knowledge and conceptual structure in container metaphors. In A. Ram & K. Eiselt (Eds.), *Proceedings of the 16th Annual Conference of the Cognitive Science Society* (pp. 189-194). Hillsdale, NJ: Erlbaum.

Clausner, T.C. (1991). Sentence types and salience. In W. Croft (Ed.), *University of Michigan Working Papers in Linguistics No. 2* (pp. 1-11). Ann Arbor: Program in Linguistics.

Clausner, T.C., & Tripathi, S.K. (1984). Evaluation of the hub node in a star network: A case study. In E. Gelenbe (Ed.), *10th International Symposium on Computer Performance* (pp. 177-198). Amsterdam: North-Holland.

PRESENTATIONS AND PUBLISHED ABSTRACTS

- 2015 Clausner, T.C., Maher, M.L., & Gonzolez, A. (November 2015). Conceptual Combination Influenced by Actions on Physical Objects.(2015). Presentation at The 56th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Clausner, T.C., Maher, M.L., & Gonzolez, A. (2015). Conceptual Combination Modulated by Action using Tangible Computers, Poster presented at The 37th Annual Meeting of the Cognitive Science Society, Pasadena, CA.
- Clausner, T., Maher, M., & Gonzalez, A. (2015). Cognitive Effects of Tangible Interaction . Presentation at The 32th Annual Human-Computer Interaction Lab Symposium. University of Maryland, College Park, MD.
- 2014 Maher, M.L, Clausner, T.C., Tversky, B., Kay, J., Danielescu, A., and Grace, K. (Eds.) (2014) Gesture-based Interaction Design: Communication and Cognition. Workshop. CHI '14 Extended Abstracts. Toronto, Canada.
- Clausner, T., Maher, Gonzales, A., & K. Grace. What Tangible Computing Is Teaching Us About Creativity *The 31th Annual Human-Computer Interaction Lab Symposium*, University of Maryland, College. May 29, 2014.
- Maher, M.L, Gonzalez, B., Grace, K, and Clausner, T.C. (2014) Tangible Interaction Design: Can We Design Tangibles to Enhance Creative Cognition. In Gero, J.S. and Hanna, S. (Eds.). Poster. Proceedings of the Design Cognition and Computing. London, UK.
- 2013 Clausner, T., Maher, M., Druin, A., Guha, M., Gonzales, A., & K. Grace. Designing Tangible Computing for Creativity The 30th Annual Human-Computer Interaction Lab Symposium, University of Maryland, College. May 22-23, 2013.
- 2012 Invited Talk. Enhancing Human Computer Interaction with Principles of Conceptualization in Perception and Language. SoarTech, Ann Arbor, MI. M. van Lent, P. McLaughlin, and J. Zaiantz (orgs.) May 3.
- 2011 Clausner, T.C. Interfaces Grounded in Cognition and Action. *The 28th Annual Human Computer Interaction Lab Symposium: Presentation Summaries, Technical Report Abstracts*. University of Maryland, College Park. May 25-26. www.cs.umd.edu/hcil/soh/.
- 2010 Maher, M.L., Druin, A. & Clausner, T.C. Designing Tangible Computing for Creative Cognition. Human Computer Interaction Lab Brownbag, University of Maryland, College Park. December 9.
- 2009 Clausner, T.C., Palmer, E., Brown, C., Bates, C. & Kellman, P.J. Conceptualization of Perceptual Cues Guided by Metaphor, Perception, and Imagined Perspective. *Abstracts of the Psychonomic Society: 50th Annual Meeting. Vol 14*, p. 102. Boston, MA. November 19-22.

- 2009 Novick J., Smaliy A., Clausner, T.C. & Haarmmann, H.J. Sensitivity of lexical-semantic competition to accumulation of shared meaning activation. *Abstracts of the Psychonomic Society: 50th Annual Meeting. Vol 14*, p. 85. Boston, MA. November 19-22.
- Palmer, E.M, Brown, C.M., Bates, C.F., Kellman, P.J. & Clausner, T.C. Perceptual Affordances and Imagined Viewpoints Modulate Visual Search in Air Traffic Management Displays. Poster presentation. *Proceedings of the 53rd Annual Meeting of the Human Factors and Ergonomics Society*. San Antonio, TX. October 19-23.
- Clausner, T.C., Palmer, E.M., Brown, C.M., Bates, C.F. & Kellman, P.J. Enhancing Air Traffic Displays with Perceptual Cues (Guided by Principles of Conceptualization in Language and Perception). *The 26th Annual Human Computer Interaction Lab Symposium: Presentation Summaries*, pp. 51-52. University of Maryland, College Park. May 28. www.cs.umd.edu/hcil/soh/.
- Palmer, E.M., Brown, C.M., Bates, C.F., Clausner, T.C. & Kellman, P.J. Imagined Perspective Modulates Cue Effectiveness in Visual Search of Air Traffic Control Displays. Poster presented at the Ninth Annual Meeting of the Vision Sciences Society. Naples, FL. May 8-13.
- 2008 Clausner, T.C., Kellman & P.J., Palmer, E.M. Enhancing Information Visualization with Principles of Conceptualization in Language and Perception. B Bederson & A. Druin (orgs.). Human Computer Interaction Laboratory, Department of Computer Science, University of Maryland, College Park. December 5.
- Clausner, T.C., Kellman, P.J. & Palmer, E.M. Conceptualization of Spatial Altitude Guided by Language and Perception. *Abstracts of the Psychonomic Society: 49th Annual Meeting, Vol 13.*, p. 20. Chicago, IL. November 13-16.
- Clausner, T.C., Kellman, P.J. & Palmer, E.M. Conceptualization of Spatial Altitude Guided by Language, Perception and Imagination. *The Ninth Conference on Conceptual Structure, Discourse and Language: Language in Action*. p. 16. Cleveland, Ohio. October 18-20.
- Publication-based presentation. Clausner, T.C., Kellman, P.J. & Palmer, E.M. Conceptualization in Language and its Relation to Perception. *Proceedings of the 31st Annual Conference of the Cognitive Science Society*. Washington, D.C. July 23-26.
- Palmer, E.M., Brown, C.M., Clausner, T.C. & Kellman, P.J. Visual Search in Air Traffic Control: Altitude Correlated Depth Cues Enhance Conflict Detection. Presented at the Eighth Annual Meeting of the Vision Sciences Society. Naples, FL. May 9-14.
- 2006 Clausner, T.C. Non-spatial meaning and Spatial Action. 8th Conference on Conceptual Structure, Discourse and Language: Language in Action. pp. 60-61. San Diego, California. November 3-5.
- 2005 Invited talk. A Framework and Toolkit for Visualizing Tacit Knowledge. K. Godden (org.) General Motors Research Center, Warren, Michigan. Aug 30.

- Azuma, R., Clausner, T.C., Daily, M., Fox, J.R. & Miller, M.E. (2005). Visualization Concepts for Generating Insight from NAS [National Air Space] Simulation Data. *Proceedings of the American Institute of Aeronautics and Astronautics Modeling and Simulation Technologies Conference*. San Francisco. August 15-18.
- 2003 Invited talk. Metaphor Productivity: Graphical-Spatial and Linguistic Expression. M. Tomasello (org.). Max Planck Institute for Evolutionary Anthropology. Leipzig, Germany. July 28.
- Clausner, T.C., Krauss, D. & Fox, J. Comprehension and production of graphs that metaphorically express linguistic semantic event structure. Presented at the Eight International Cognitive Linguistics Conference, July 20-25, Logroño, Spain. p. 38.
- 2002 Invited talk. Tacit Knowledge and Cognitive Structures for Visualization. A. Hardiya (org.). Integrated Media Systems Center, Student Industry Day, University of Southern California, January 18.
- Invited talk. A Cognitive Science Perspective on Tacit Knowledge. N. Gershon (org.). Workshop on Tacit Knowledge, MITRE, McLean, Virginia. October 31.
- 2001 Clausner, T.C. Expressions of Metaphor Productivity in Space and Language. Seventh International Cognitive Linguistics Conference, July 22-27, Santa Barbara, California. pp. 63-64.
- 1999 Clausner, T.C. & Gelman, S. The Role of Shape and Taxonomic Relatedness in the Lexical Meaning of Physical Object Names: Evidence from Alzheimer's Disease Patients. Presented at the Sixth International Cognitive Linguistics Conference, July 10-16, Stockholm, Sweden. p. 110.
- 1998 Clausner, T.C. Lexical comprehension and production in Alzheimer's patients: The role of shape and taxonomic relatedness. Poster presented at the Annual Meeting of the Psychonomics Society, November 19-22, Dallas, Texas.
- Invited talk. Productivity and Schematicity in Metaphors. P.J. Kellman (org.) UCLA Seminar in Cognitive Science, Los Angeles, California, February 4.
- 1997 Clausner, T.C. Metaphor Schematicity. Presented at the Annual Winter Meeting, Linguistic Society of America, January 2-5, Chicago, Illinois. p. 40.
- Invited talk. Cognitive Structures for Visualizing Knowledge Domains. M.J. Daily (org.) Hughes Research Laboratories, Information Sciences Laboratory, Malibu, California, July 14.
- Invited talk. A Case of Impaired Left-Right Reference and Ability with Compass Directions. UCLA Seminar in Cognitive Science, Los Angeles, California, March 31.
- Invited talk. Representing Spatial Reference Frames: Evidence from Cognitive Impairment. D. Russell (org.) Motorola Corporate Research Labs, Digital Technology Research Laboratory, Natural Language Understanding Group, Schaumburg, Illinois, February 28.

- 1996 Clausner, T.C., Rapp, B. & Su, Y.C. Does frequency determine the storage of compounds? Evidence from Chinese. Poster presented at the Eighteenth Annual Conference of the Cognitive Science Society, July 12-15, University of California, San Diego, La Jolla, California.
- Clausner, T.C. & Croft, W. Cognitive Domains and Image-Schemas. Symposium on Verbalization Processes: The Integration of Non-linguistic and Linguistic Cognition, June 23-24, University of Hamburg, Hamburg, Germany.
- Gelman, S., Croft, W., Fu, P.F., Clausner, T.C. & Gottfried, G. Why is a pomegranate an ‘apple’? The role of shape, taxonomic relatedness, and prior lexical knowledge in children’s overextensions. The 10th Biennial International Conference on Infant Studies, Providence, RI, April 18-21.
- 1995 Rapp, B., Su, Y.C. & Clausner, T.C. Representation of compounds vs. phrases: Evidence from Chinese. Poster presented at the 36th Annual Meeting of the Psychonomic Society, Nov. 10-12, Los Angeles, California.
- Clausner, T.C. The Entrenchment of Subjective and Objective Spatial Construals. Presented at the Fourth International Cognitive Linguistics Conference, July 17-21, Albuquerque, New Mexico. p. 19.
- 1994 Clausner, T.C. Bodily-based and Compass-based Spatial Construals: Normal and Neuropsychologically Impaired Conceptualization. Presented at Time, Space, and Identity: The First International Colloquium on Deixis, December 2-4, Lexington, Kentucky.
- Invited Tutorial on Cognitive Semantics. E. Saffran (org.) Temple University, School of Medicine, Department of Neurology, Philadelphia, Pennsylvania, June 21.
- 1993 Clausner, T.C. & Croft, W. Domains, Image Schemas, and Construal. Presented at the Third International Cognitive Linguistics Conference, July 18-23, Leuven, Belgium. p. 16.
- Clausner, T.C. Degrees of Productivity and Schematicity in Metaphors. Symposium on (Quasi) Systematicity and (Non-)Compositionality in Language. Presented at the Fifteenth Annual Conference of the Cognitive Science Society, June 18-21, University of Colorado, Boulder.
- Croft, W. & Clausner, T.C. In the Vicinity of a Theory of Linguistic Metaphor. Workshop on Universals in the Lexicon, (org. J. Pustjovsky & H. Kamp). March 29-April 2, International Conference and Research Center for Computer Science, Schloss Dagstuhl, Germany.
- Clausner, T.C. Metaphors, Containers and the Invariance Hypothesis. Meeting, Hankbook: Linguistic Society of America, January 7-10, Los Angeles, California. p. 13
- 1992 Clausner, T.C. Cognitive Structures for Metaphor Comprehension. Presented at the First University of Michigan Cognitive Science Workshop, May 12, Ann Arbor.
- Clausner, T.C. & Croft, W. The Productivity of Metaphor. Presented at the Annual Winter Meeting, Linguistic Society of America, January 9-11, Philadelphia, Pennsylvania.

- 1989 Clausner, T.C. Cognitive Semantics and its Significance for Natural Language Processing. Presented to the Natural Language Processing Group, Artificial Intelligence Laboratory, Department of Electrical Engineering and Computer Science, University of Michigan, Ann Arbor.
- 1984 Clausner, T.C. & K. Tripathi, S.K. Evaluation of the Hub Node in a Star Network: A Case Study. Presented at Performance '84., Paris, France, December 19-21.

PATENTS

- 2011 Method and Apparatus for Apportioning Attention to Status Indicators. (with A.T. Azuma). *U.S. Patent 8081088* issued 20 December 2011.
- 2011 System and Method for Retrieving Task Information Using Task-Based Semantic Indexes. Inventor: T.C. Clausner. *U.S. Patent 7979452* issued 12 July 2011.
- 2007 Method for Speech-Based Retrieval on Ultra-portable Devices. (with B.L. Hadley). *U.S. Patent 7275049* issued 25 September 2007.
<https://www.google.com/patents/US7275049>
- 2005 System and Method for Representation of Aircraft Altitude using Spatial Size and other Natural Perceptual Cues. (with P.J. Kellman & E.M. Palmer).
U.S. Patent 7408552 issued 5 August 2008.
European patent 1474789 issued 8 June 2005

COURSES TAUGHT AND GUEST LECTURES

- 2012-2018 I have regularly taught a half-day tutorial on how to blend cognitive science and human-computer interaction research at *The Annual Human Computer Interaction Lab Symposium*. University of Maryland, College Park.
2016-2018. The Roles of Experiments and Theory in HCI
2015. Designing Interfaces with Cognition in Mind.
2012-2014. Interfaces from the Top down and Ground up: How Theory and Experiment Inform Design.
- 2006, Mar-June *Internship* (undergraduate fieldwork) Psychology 195B University of California Los Angeles. Instructed and supervised undergraduate research assistants in laboratory research at HRL Laboratories.
- 2005 Varieties of Cognitive Semantic Structure (lecture, Nov 3) and Panel Discussion Member (Dec 1). *Lexical Semantics* Computer Science 599 (graduate seminar). University of Southern California, Information Science Institute, Viterbi School of Engineering. Instructors: E. Hovy, J. Hobbs, R. Belvin & P. Pantel.

2001 and 2000	A Cognitive Approach to Lexical Semantics in Natural Language Processing (lectures, Oct 13, 2000 and Nov 16, 2001). <i>Computational Linguistics</i> , Linguistics 585. University of Southern California. Instructor: B. Stalls.
1999	Ontologies, Lexical Semantics, and Knowledge Representation (lecture Nov 12). <i>Computational Linguistics</i> , Linguistics 585. Instructors: B. Stalls & R. Belvin. University of Southern California.
1995, Aug-Dec	<i>Psycholinguistics: Aphasia</i> (co-taught with M. MacDonald) Cross-listed Linguistics/Psychology 586 University of Southern California.
1995, Jan-June	<i>Meanings in the Mind: Introduction to Semantics</i> Cognitive Science 126 Johns Hopkins University. Designed and taught a new undergraduate course.
1992, Jan-May	<i>Introduction to Language</i> , Linguistics 211. Teaching Assistant/Recitation lecturer. University of Michigan. (A. Cooper).
1988, Jan-May and 1987, Sept-Dec	<i>Introduction to Linguistics</i> , Linguistics 210. Teaching Assistant Recitation lecturer. University of Michigan. (T. Toon).

PROFESSIONAL ACTIVITIES

Reviews Written (Publications and Conferences)

Journals	<i>Journal of the Cognitive Science Society</i> <i>Cognitive Linguistics</i> invited reviewer: 2017 <i>Language and Cognition</i> invited reviewer: 2002 <i>Special Issue of IEEE Information Visualization</i>
Conferences	<i>Cognitive Science (2016-2018 Program Committee, regular ad hoc reviewer)</i> <i>AMC CHI conference on Human-Computer Interaction (2014 Invited reviewer)</i> <i>Conceptual Structure, Discourse and Language (CSDL)</i> <i>Embodied and Situated Language Processing (ESLP&CSDL 2010)</i> <i>International Cognitive Linguistics</i> <i>IEEE Aerospace Conference</i> <i>IEEE Information Visualization</i>
Book manuscripts	Mouton de Gruyter.

Reviews Written (Funding Proposals) National Science Foundation (invited Reviewer 2011)

Service (Human Computer Interaction Laboratory, University of Maryland)

2012-2016 I have annually supported the HCIL Symposium by presenting talks, and teaching a half-day tutorial on the application of cognitive science experiments and theory to HCI.

2011 Office of Information Technology Website review for improving use by students, staff, faculty, and public (org., B. Bederson). Aug 22.

2010 Brownbag talk. Maher, ML., Druin, A., Clausner, T.C. Designing Tangible Computing for Creative Cognition. Dec. 9.

2010 Brownbag talk. Clausner, T.C. Tangible Interfaces: Cognition Grounded in Action. Nov. 11.

2010 Interface concepts for public access to audio archives. Volunteer Service Day, *27th Annual Human-Computer Interaction Lab Symposium* at National Public Radio Station *WAMU 88.5 FM American University* (orgs., G. Walsh & B. Bederson). May 26.

Service (Center for Advanced Study of Language, University of Maryland)

2009 Promotion Committee; Search Committee

2008 Promotion Committee; Search Committee

2007 Search Committee