

Michael White

Department of Linguistics
The Ohio State University
1712 Neil Avenue
Columbus, OH 43210 USA

Voice: +1 (614) 247-4732
Fax: +1 (614) 292-8833
mwhite@ling.ohio-state.edu
<http://www.ling.ohio-state.edu/~mwhite/>

- RESEARCH INTERESTS Computational linguistics, semantics and information structure, natural language generation, spoken language and multimodal dialogue systems, speech synthesis.
- EDUCATION ◇ **University of Pennsylvania**, Philadelphia, PA M.S., 1992; Ph.D., 1994
Computer and Information Science
Dissertation: *A Computational Approach to Aspectual Composition*
Advisor: Mark Steedman
Committee: Aravind Joshi, Bonnie Webber, Norman Badler, Richard Oehrle
- ◇ **University of North Carolina**, Chapel Hill, NC B.S., 1988
Mathematical Sciences, Highest Honors
- HONORS National Science Foundation Graduate Fellowship
University of Pennsylvania Dean's Fellowship
Phi Beta Kappa

Experience

- ACADEMIC RESEARCH EXPERIENCE ◇ **Associate Professor**, The Ohio State University Oct. 2011 – present
Department of Linguistics
- Current Research:
- **Efficient paraphrase generation:** Developing techniques for acquiring and efficiently generating paraphrases from disjunctive logical forms (DLFs), using the OpenCCG surface realizer.
 - **Inducing broad-coverage grammars for parsing and realization:** Investigating methods of extracting OpenCCG grammars from the CCGbank, using semantic roles projected from Propbank, and incorporating deeper linguistic analyses where available.
 - **Integrating natural language generation and speech synthesis:** Developing methods for adapting a language generator to the strengths and weaknesses of a synthetic voice. Investigating methods of using information structure to specify contextually appropriate intonation.
 - **Building expressive synthetic voices:** Developing methods of optimizing the selection of sentences to record in building an expressive synthetic voice, using machine learning and taking intonation into account. Evaluating the effectiveness of expressive synthetic voices using eye tracking.
- ◇ **Assistant Professor**, The Ohio State University Sept. 2005 – Sept. 2011
Department of Linguistics
- ◇ **Consultant**, University of Edinburgh June 2005 – Sept. 2005; Aug.–Sept. 2006
School of Informatics
- Devised novel algorithm for surface realization from disjunctive logical forms, and implemented initial version in OpenCCG.

- Extended coverage of sentence planner and grammar in the FLIGHTS spoken language dialogue system.
- Advised on grammar development for Methodius project.

◇ **Research Fellow**, University of Edinburgh June 2002 – May 2005
School of Informatics

Accomplishments:

- Developed the OpenCCG open source realizer for Combinatory Categorical Grammar, the first practical, reusable realizer for CCG.
- On the COMIC (COntersational Multimodal Interactions with Computers) project, led the specification of the output side of the system; developed the OpenCCG grammar; helped design the multimodal content planner and the system's ontology; jointly developed custom unit selection voice; and coordinated the output-oriented evaluation of the system.
- For the FLIGHTS (Fancy Linguistically Informed Generation of Highly Tailored Speech) project, jointly devised algorithm for using user model to determine contextually appropriate intonation; developed techniques for XSLT-based sentence planning; developed OpenCCG grammar; and helped build custom unit selection voice.

INDUSTRY ◇ **Consultant**, Knexus Research May–Oct. 2010; Aug.–Dec. 2011
EXPERIENCE

- Developed OpenCCG grammar for parsing and realizing instructions with spatial locatives.
- Provided advice on API-level integration with OpenCCG.

◇ **Senior Computational Linguist**, CoGenTex, Inc. July 1994 – June 2002
Ithaca, NY

Highlights:

- Developed EXEMPLARS, an object-oriented framework for dynamic text generation with XML. The EXEMPLARS framework has served as an enabling technology for all of CoGenTex's commercial applications, including its *Project Reporter* and *Chart Explainer* products; *Recommender*, licensed to Active Decisions, and patented as US 7,418,447 B2; and *Definition Builder*, a unique tool developed by CoGenTex for Experian that employs natural language feedback texts to support point-and-click editing of complex query definitions.
- As technical lead of the *Definition Builder* team during a four-year, three person consulting effort, designed and implemented the internal high-level query representation language and associated APIs, and coordinated the development of continual usability improvements. *Definition Builder* was successfully rolled out within Experian after the first year of the project.
- Designed and jointly implemented the CogentHelp prototype for authoring dynamically generated on-line help.
- Developed the RIPTIDES summarizer, which combined natural language generation based on information extraction with extractive summarization into hypertext reports.

GRANTS AND ◇ **National Science Foundation**, Robust Intelligence Grant \$149,937; 2011–2012
RESEARCH “Exploratory Research on Acquiring and Adapting Sentence Planning Resources for Gen-
CONTRACTS erating with Discourse Combinatory Categorical Grammar,” grant no. IIS-1143635.

◇ **National Science Foundation**, Robust Intelligence Grant \$396,621; 2008–2012
“Learning to Generate High Quality Paraphrases with a Broad Coverage Lexicalized Gram-
mar,” grant no. IIS-0812297 (includes two REU supplements).

- ◇ **The Ohio State University**, Innovation Grant \$40,900; 2007–2009
 “Building Expressive Synthetic Voices for Conversational Systems,” Arts and Humanities Innovation Grant. PI, with co-PIs Chris Brew and Eric Fosler-Lussier.
- ◇ **National Science Foundation**, Workshop Grant \$23,000; 2007
 “A Proposal for a Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation.” PI, with co-PI Robert Dale, Macquarie University.
- ◇ **DARPA**, TIDES Text-Processing Initiative \$1,300,000; 2000–2002
 “Rapidly Portable Translingual Information Extraction and Interactive Multidocument Summarization,” contract no. N66001-00-C-8009. Co-PI with Claire Cardie, Cornell University.
- ◇ **Army Research Laboratory**, SBIR Phase I \$75,000; 1999
 “Translingual Information Access,” contract no. DAAD17-99-C-0005. Co-PI with Martha Palmer, University of Pennsylvania.
- ◇ **Air Force Research Laboratory**, SBIR Phase II \$750,000; 1994–1998
 “Linguistically-Based Software Documentation,” contract no. F30602-94-C-0124. Took over as PI after the first year of the project.
- OPEN SOURCE SOFTWARE ◇ **OpenCCG** (<http://openccg.sourceforge.net>) 2002–present
 Managed library development since 2002 and developed surface realizer. To date, OpenCCG has been used in the COMIC, FLIGHTS, CrAg, Methodius and INDIGO projects in Edinburgh; the DIALOG, SAMMIE and CoSy projects in Saarbrücken; the JAST project in Munich; the AdaRTE project in Pavia; and the STaR-UI project in Eveleigh, New South Wales. It has also been used for teaching purposes in Edinburgh, Saarbrücken, Ankara, Austin and Columbus. Version 0.9.4 was released in December, 2011. According to SourceForge, OpenCCG releases have been downloaded over 3200 times.
- PATENTS ◇ **US 7,418,447 B2** 2008
 David E. Caldwell, Michael White and Tanya Korelsky, *Natural Language Product Comparison Guide Synthesizer* (filed Jan. 2001, awarded Aug. 2008).
- ACTIVITIES ◇ **Invited Talks**

 - Australian HCSNet WinterFest Mini-Course “Statistical Natural Language Generation” 2010
 - University of Indiana “Generating with Discourse Combinatory Categorical Grammar” 2010
 - University of Edinburgh “Generating with Discourse Combinatory Categorical Grammar” 2009
 - University of Illinois, Urbana-Champaign “Towards High-Quality Paraphrasing with CCG” 2008
 - University of Edinburgh “Learning to Say It Well: Reranking Realizations by Predicted Synthesis Quality” 2006
 - University of Saarland, Saarbrücken “Anytime Example-Driven Realization with CCG” 2005
 - ITRI, University of Brighton “Anytime Chart Realization with CCG” 2003
 - University of Rochester “Multidocument Summarization via Information Extraction” 2000
 - North Carolina State University, Raleigh “Building NLG Systems with EXEMPLARS” 1999
 - Cornell University, Ithaca “Topic: Careers in Computational Linguistics” 1998

- Carnegie Mellon University, Pittsburgh 1995
 “A Computational Approach to Aspectual Composition”
- ◇ **Editorial Board Member**
Computational Linguistics 2010–2012
 - ◇ **Board Member**
 Special Interest Group in Natural Language Generation (SIGGEN) 2007–2010
 - ◇ **Shared Task Organizer**
 Generation Challenges 2011 Surface Realization Shared Task
 - ◇ **Conference Organizer**
 Co-organizer, International Natural Language Generation Conference (2008)
 Local Sponsorship Chair, ACL-08: HLT
 Co-organizer, Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation (2007)
 - ◇ **Local Host**
 North American Computational Linguistics Olympiad 2010–2012
 - ◇ **Panelist**
 NSF Review Panels (4) 2006–2011
 ACL TeachCL Workshop Panel on Interdisciplinary Teaching 2008
 ENLG-01 Panel on Search Methods for NLG 2001
 AAAI Fall Symposium Panel on Layout and Generation 2000
 - ◇ **Ad hoc Proposal Review**
 EPRSRC 2012
 - ◇ **Program Committee Chair**
 INLG 2008
 - ◇ **Senior Program Committee Member**
 NAACL-HLT 2007
 - ◇ **Program Committee Member (Recent)**
 EACL 2012, NAACL 2012, INLG 2012, SemDial 2011 (Los Angeles), ENLG 2011, ACL HLT 2011, ACL HLT 2011 Workshop on Text-to-Text Generation, NAACL HLT 2010, INLG 2010, ACL 2010 Student Research Workshop, COLING 2010, NAACL HLT 2009, ENLG-09, MCLC-09, UCNLG-09, EMNLP-09, SIGDIAL-09, EMNLP-08, ACL-08: HLT, MCLC-08, UCNLG-07, AAAI-07, Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation (2007), ACL 2007 Workshop on Deep Linguistic Processing, ACL-06, EMNLP-06, EACL-06, ENLG-05, ACL-05 Workshop on Software, FLAIRS-04, AAAI-04, ACL-04, COLING-04
 - ◇ **Reviewer for Journal**
Computational Linguistics (21 times, including two squibs), *Speech Communication* (thrice), *Journal of Artificial Intelligence Research*, *Research on Language and Computation*, *ACM Transactions on Asian Language Information Processing* (twice), *Logic Journal of the IGPL*, *Computers and the Humanities*
 - ◇ **Society Memberships**
 Association for Computational Linguistics (ACL) 1988–present
 Special Interest Group in Natural Language Generation (SIGGEN) 1995–present
 Special Interest Group in Computational Semantics (SIGSEM) 2001–present
 Special Interest Group in Discourse and Dialogue (SIGDIAL) 2005–present
 Association for Computing Machinery (ACM) 1997–1999
- TEACHING ◇ **The Ohio State University**
 Ling 684.02: Statistical NLP Winter, 2012
 Ling 800: Proseminar on Linguistics Winter, 2012

Ling 800: Proseminar on Linguistics	Autumn, 2011
Ling H384: Language and Computers (Honors section)	Spring, 2011
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Spring, 2011
Ling 684.02: Statistical NLP	Winter, 2011
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Winter, 2011
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Autumn, 2010
Ling 684.02: Statistical NLP	Spring, 2010
Ling 800: Proseminar on Linguistics	Spring, 2010
Ling 800: Proseminar on Linguistics	Winter, 2010
Ling 684.03: Computational Semantics	Autumn, 2009
Ling 800: Proseminar on Linguistics	Autumn, 2009
Ling 884: Seminar on Statistical Parsing and Realization	Spring, 2009
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Spring, 2009
Ling H201: Introduction to Language in the Humanities (Honors section)	Winter, 2009
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Winter, 2009
Ling 684.03: Computational Semantics	Autumn, 2008
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Autumn, 2008
OSU Mini-Institute: Corpus-Based Computational Linguistics	Summer, 2008
Ling H384: Language and Computers (Honors section)	Spring, 2008
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Spring, 2008
Ling 884: Seminar on Generating and Interpreting Referring Expressions	Winter, 2008
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Winter, 2008
Ling 795.10: Computational Semantics	Autumn, 2007
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Autumn, 2007
Ling H384: Language and Computers (Honors section)	Spring, 2007
Ling 884: Seminar on Corpus-Based Grammar Engineering	Spring, 2007
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Spring, 2007
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Winter, 2007
Ling 795.10: Introduction to Computational Semantics	Autumn, 2006
Ling 795.04: Clippers: A Computational Linguistics Discussion Group	Autumn, 2006
Ling 795.10: Introduction to Natural Language Generation	Spring, 2006
Ling H384: Language and Computers (Honors section)	Spring, 2006
Ling 884: Seminar on Empirical Methods in NLG	Winter, 2006

◇ **University of Edinburgh**

Dialogue and Natural Language Generation Spring, 2003–2005
 Gave guest lectures and helped students (each year).

◇ **University of Pennsylvania**

Introduction to Computer Programming Fall-Spring, 1990–1991
 Teaching Assistant and Recitation Instructor.

ADVISING
 AND
 MENTORING

◇ **Ph.D. Students**

Dennis Mehay, Dept. Linguistics, OSU	2011–present
David Howcroft, Dept. Linguistics, OSU	2010–present
Adriane Boyd, Dept. Linguistics, OSU	2008–present
Rajakrishnan Rajkumar, Dept. Linguistics, OSU	2008–present
Crystal Nakatsu, Dept. Linguistics, OSU	2006–present
Stephen Boxwell, Dept. Linguistics, OSU	2006–2011
Dominic Espinosa, Dept. Linguistics, OSU	2006–present
Scott Martin, Dept. Linguistics, OSU	2006–2011

◇ **M.Sc. Students**

Andrew Watts, Dept. Linguistics, OSU Spring, 2006
 Advised on research paper; exam committee member.

Neide Franca Rocha, Dept. Linguistics, Edinburgh Summer, 2004
 Co-advised thesis project. Currently a Ph.D. student at the University of Edinburgh.

Rachel Baker, Dept. Linguistics, Edinburgh Summer, 2003
 Co-advised thesis project. Currently a Ph.D. student at the Northwestern University.

◇ **Undergraduate Students, Honors**

Jonathan Barker, Dept. Linguistics, OSU Summer, 2011
 Supervised genitive paraphrase generation and analysis; funded by NSF REU Supplement.

Shoshana Berleant, Dept. Linguistics, OSU Summer, 2009
 Supervised data acquisition and analysis; funded by NSF REU Supplement.

◇ **Mentoring**

Mary Ellen Foster, Ph.D. Student, Informatics, Edinburgh
 Provided guidance on development of COMIC multi-modal generator. Currently a postdoctoral researcher at Heriot-Watt University.

Carsten Brockmann, Ph.D. Student, Informatics, University of Edinburgh
 Provided guidance on CrAg project.

Ted Caldwell, CoGenTex, Inc.
 Provided guidance on SoftDoc and Definition Builder projects. Has become CoGenTex's principal application developer and a PI on an NSF Phase I SBIR.

Benoit Lavoie, CoGenTex, Inc.
 Provided guidance on RIPTIDES project. Currently a Ph.D. student at the Université du Québec.

UNIVERSITY ◇ **Departmental Committees**

SERVICE	Comp Ling Search (Chair)	2011–2012
	Ling 384 Resource Person	2009–2012
	Speakers (Chair)	2009–2011
	Laboratory and Computing (Chair)	2006–2009
	Ling 384 Review (Chair)	2008–2009
	Comp Ling Search	2008–2009
	Awards	2006–2008
	Semantics Search	2005–2006
	Chair Search	2005–2006
	Laboratory and Computing	2005–2006

◇ **Dissertation Committees**

	Stephen Boxwell	2011
	Dominic Espinosa	2011–present
	DJ Hovermale	2011
	Scott Martin	2011–present
	Rajakrishnan Rajkumar	2010–present
	Dennis Mehay	2010–present
	Crystal Nakatsu	2009–present
	Adriane Boyd	2007–present
	Tim Weale	2009–2010
	Ilana Heintz	2007–2010
	Jianguo Li	2007–2008
	Kirk Baker	2006–2008
	Jirka Hana	2006–2007
	Laura Stoia	2006–2007

◇ **Candidacy Exams**

	Stephen Boxwell	2011
	Dominic Espinosa	2011

DJ Hovermale	2011
Scott Martin	2011
Rajakrishnan Rajkumar	2010
Dennis Mehay	2010
Crystal Nakatsu	2009
Tim Weale	2009
Adriane Boyd	2007
Ilana Heintz	2007
Jianguo Li	2007
Laura Stoia	2006
Kirk Baker	2006
◇ Graduate Faculty Representative	
Laurie Urraro (Dissertation Exam), Spanish & Portuguese	2011
Sitaram Asur (Dissertation Exam), Computer Science & Engineering	2008
Unislawa Wszolek (Dissertation Exam), Political Science	2007
◇ Graduate Examination Committees	
Michelle Dionisio (1 st qualifying paper)	2010–2011
Jon Dehdari (2 nd qualifying paper)	2010–2011
Rajakrishnan Rajkumar (2 nd qualifying paper)	2008–2010
Stephen Boxwell (2 nd qualifying paper)	2009–2010
Dominic Espinosa (2 nd qualifying paper)	2009–2010
Scott Martin (2 nd qualifying paper)	2009–2010
Jon Dehdari (1 st qualifying paper)	2009–2010
Dennis Mehay (3 rd year paper)	2007–2008
Stephen Boxwell (2 nd year paper)	2007–2008
Dominic Espinosa (2 nd year paper)	2007–2008
Scott Martin (2 nd year paper)	2007–2008
Adriane Boyd (3 rd year paper)	2006–2007
Rajakrishnan Rajkumar (2 nd year paper)	2006–2007
Dennis Mehay (2 nd year paper)	2006–2007
Jianguo Li (3 rd year paper)	2005–2006
Crystal Nakatsu (3 rd year paper)	2005–2006

Publications

PEER- REVIEWED JOURNAL ARTICLES	Crystal Nakatsu and Michael White. 2010. Generating with Discourse Combinatory Categorical Grammar. <i>Linguistic Issues in Language Technology</i> , 4(1):1–62.
	Michael White, Robert A. J. Clark and Johanna D. Moore. 2010. Generating tailored, comparative descriptions with contextually appropriate intonation. <i>Computational Linguistics</i> , 36(2):159–201.
	Michael White. 2006. Efficient Realization of Coordinate Structures in Combinatory Categorical Grammar. <i>Research on Language & Computation</i> , 4(1):39–75.
	Sandro Zucchi and Michael White. 2001. Twigs, sequences and the temporal constitution of predicates. <i>Linguistics and Philosophy</i> , 24(2):223–270.
EDITED COLLECTIONS	Michael White, Crystal Nakatsu and David McDonald. 2008. <i>Proceedings of the Fifth International International Natural Language Generation Conference</i> .
	Robert Dale and Michael White. 2007. <i>Report from the Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation</i> .
	Robert Dale and Michael White. 2007. <i>Position Papers of the Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation</i> .

- CHAPTERS IN
EDITED
BOOKS Michael White, Rajakrishnan Rajkumar, Kiwako Ito, and Shari R. Speer. 2011 (in press). Eye tracking for the online evaluation of prosody in speech synthesis. Amanda Stent and Srinivas Bangalore (eds.), *Natural Language Generation in Interactive Systems*. Cambridge University Press.
- PEER-
REVIEWED
PAPERS IN
CONFERENCE
PROCEEDINGS Dominic Espinosa, Rajakrishnan Rajkumar, Michael White, and Shoshana Berleant. 2010. Further meta-evaluation of broad coverage surface realization. In *Proc. of EMNLP-10*.
- Dominic Espinosa, Michael White, Eric Fosler-Lussier and Chris Brew. 2010. Machine Learning for Text Selection with Expressive Unit-Selection Voices. In *Proc. of INTERSPEECH-10*.
- Rajakrishnan Rajkumar and Michael White. 2010. Designing Agreement Features for Realization Ranking. In *Proc. of COLING-10*.
- Michael White, Rajakrishnan Rajkumar, Kiwako Ito, and Shari Speer. 2009. Eye tracking for the online evaluation of prosody in speech synthesis: Not so fast! In *Proc. of INTERSPEECH-09*.
- Michael White and Rajakrishnan Rajkumar. 2009. Perceptron reranking for CCG realization. In *Proc. of EMNLP-09*.
- Rajakrishnan Rajkumar, Michael White and Dominic Espinosa. 2009. Exploiting named entity classes in CCG surface realization. In *Proc. of NAACL-HLT 2009 Short Papers*.
- Dominic Espinosa, Michael White and Dennis Mehay. 2008. Hypertagging: Supertagging for Surface Realization with CCG. In *Proc. ACL-08: HLT*.
- Stephen Boxwell and Michael White. 2008. Projecting Propbank Roles onto the CCG-bank. In *Proc. of the Sixth International Conference on Language Resources and Evaluation (LREC-08)*.
- Michael White. 2006. CCG Chart Realization from Disjunctive Inputs. In *Proc. of the 4th International Conference on Natural Language Generation (INLG-06)*.
- Crystal Nakatsu and Michael White. 2006. Learning to Say It Well: Reranking Realizations by Predicted Synthesis Quality. In *Proc. COLING-ACL-06*.
- Michael White, Mary Ellen Foster, Jon Oberlander, and Ash Brown. 2005. Using facial feedback to enhance turn-taking in a multimodal dialogue system. In *Proc. of the 11th International Conference on Human-Computer Interaction (HCI-05)*.
- Johanna Moore, Mary Ellen Foster, Oliver Lemon, and Michael White. 2004. Generating tailored, comparative descriptions in spoken dialogue. In *Proc. of the 17th International FLAIRS Conference (FLAIRS-04)*.
- Michael White. 2004. Reining in CCG Chart Realization. In *Proc. of the 3rd International Conference on Natural Language Generation (INLG-04)*.
- Michael White, Claire Cardie, Vincent Ng, and Daryl McCullough. 2002. Detecting discrepancies in numeric estimates using multidocument hypertext summaries. In *Proc. of the Second International Conference on Human Language Technology Research (HLT-02)*.
- Michael White, Tanya Korelsky, Claire Cardie, Vincent Ng, Kiri Wagstaff, and David Pierce. 2001. Multi-document summarization via information extraction. In *Proc. of the First International Conference on Human Language Technology Research (HLT-01)*.
- Daryl McCullough, Tanya Korelsky, and Michael White. 1998. Information management for release-based software evolution using EMMA. In *Proc. of the 10th International Conference on Software Engineering & Knowledge Engineering (SEKE-98)*.
- David Caldwell and Michael White. 1997. CogentHelp: A tool for authoring dynamically generated help for Java GUIs. In *Proc. of the 15th Annual International Conference on Computer Documentation (SIGDOC-97)*.

Michael White and David Caldwell. 1997. CogentHelp: NLG meets SE in a tool for authoring dynamically generated on-line help. In *Proc. of the Fifth Conference on Applied Natural Language Processing (ANLP-97)*.

Sandro Zucchi and Michael White. 1996. Twigs, sequences and the temporal constitution of predicates. In *Proc. of Semantics and Linguistic Theory (SALT) VI*.

Michael White. 1993. Delimitedness and trajectory-of-motion events. In *Proc. of EACL-93*.

Barbara Di Eugenio and Michael White. 1992. On the interpretation of natural language instructions. In *Proc. of COLING-92*.

Michael White. 1992. Conceptual structures and CCG: Linking theory and incorporated argument adjuncts. In *Proc. of COLING-92*.

PEER-
REVIEWED
PAPERS IN
WORKSHOP
PROCEEDINGS

Michael White. 2011. Glue Rules for Robust Chart Realization. In *Proc. of the 13th European Workshop on Natural Language Generation (ENLG-11)*.

Rajakrishnan Rajkumar and Michael White. 2011. Linguistically Motivated Complementizer Choice in Surface Realization. In *Proc. of the EMNLP-11 Workshop on Using Corpora in NLG*.

Scott Martin and Michael White. 2011. Creating Disjunctive Logical Forms from Aligned Sentences for Grammar-Based Paraphrase Generation. In *Proc. of the ACL-11 Workshop on Monolingual Text-to-Text Generation*.

Rajakrishnan Rajkumar, Michael White, Shari R. Speer, and Kiwako Ito. 2010. Evaluating prosody in synthetic speech with online (eye-tracking) and offline (rating) methods. In *Proc. of the 7th Speech Synthesis Workshop*.

Scott Martin, Rajakrishnan Rajkumar and Michael White. 2009. Grammar Engineering for CCG using Ant and XSLT. In *Proc. of the NAACL HLT 2009 Workshop on Software Engineering, Testing and Quality Assurance for Natural Language Processing (SETQA-NLP 2009)*.

Michael White and Rajakrishnan Rajkumar. 2008. A More Precise Analysis of Punctuation for Broad-Coverage Surface Realization with CCG. In *Proc. of the Workshop on Grammar Engineering Across Frameworks (GEAF-08)*.

Vasile Rus, Arthur C. Graesser, Amanda Stent, Marilyn Walker and Michael White. 2007. Text-to-Text Generation. In *Report from the Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation*.

Michael White, Rajakrishnan Rajkumar and Scott Martin. 2007. Towards Broad Coverage Surface Realization with CCG. In *Proc. of the Workshop on Using Corpora for NLG: Language Generation and Machine Translation (UCNLG+MT)*.

Mary Ellen Foster and Michael White. 2007. Avoiding Repetition in Generated Text. In *Proc. of the 11th European Workshop on Natural Language Generation*.

Carsten Brockmann, Amy Isard, Jon Oberlander, and Michael White. 2005. Modelling alignment for affective dialogue. In *Proc. UM-05 Workshop on Adapting the Interaction Style to Affective Factors*.

Mary Ellen Foster and Michael White. 2005. Assessing the impact of adaptive generation in the COMIC multimodal dialogue system. In *Proc. IJCAI-05 Workshop on Knowledge and Representation in Practical Dialogue Systems*.

Michael White. 2005. Designing an extensible API for integrating language modeling and realization. In *Proc. ACL-05 Workshop on Software*.

Mary Ellen Foster and Michael White. 2004. Techniques for Text Planning with XSLT. In *Proc. 4th Workshop on NLP and XML*.

Rachel Baker, Robert A. J. Clark, and Michael White. 2004. Synthesising contextually appropriate intonation in limited domains. In *Proc. of the 5th ISCA Speech Synthesis Workshop*.

Amy Isard, Carsten Brockmann, Jon Oberlander, and Michael White. 2003. The critical agent dialogue (crag) project. In *Proc. of the 7th Workshop on the Semantics and Pragmatics of Dialogue (DiaBruck-03)*.

Michael White and Jason Baldrige. 2003. Adapting Chart Realization to CCG. In *Proc. of the 9th European Workshop on Natural Language Generation*.

Michael White and Claire Cardie. 2002. Selecting sentences for multidocument summaries using randomized local search. In *Proc. of ACL-02 Workshop on Automatic Summarization*.

Benoit Lavoie, Michael White, and Tanya Korelsky. 2002. Learning domain-specific transfer rules: An experiment with Korean to English translation. In *Proc. of the COLING-02 Workshop on Machine Translation in Asia*.

Benoit Lavoie, Michael White, and Tanya Korelsky. 2001. Inducing lexico-structural transfer rules from parsed bi-texts. In *Proc. of the ACL-01 Workshop on Data-Driven Machine Translation*.

Michael White, Claire Cardie, Vincent Ng, Kiri Wagstaff, and Daryl McCullough. 2001. Detecting discrepancies and improving intelligibility: Two preliminary evaluations of RIP-TIDES. In *Proc. of the DARPA/NIST sponsored DUC 2001 Meeting on Summary Evaluation*.

Michael White, Claire Cardie, Chung hye Han, Nari Kim, Benoit Lavoie, Martha Palmer, Owen Rambow, and Juntae Yoon. 2000. Towards translingual information access using portable information extraction. In *Proc. of the ANLP/NAACL-00 Workshop on Embedded Machine Translation Systems*.

Michael White and Ted Caldwell. 1998. Exemplars: A practical, extensible framework for dynamic text generation. In *Proc. of the Ninth International Workshop on Natural Language Generation*.

Michael White. 1998. Designing dynamic hypertext. In *Proc. of the 2nd Workshop on Adaptive Hypertext and Hypermedia (HYPERTEXT-98)*.

Michael White. 1995. Presenting punctuation. In *Proc. of the 5th European Workshop on Natural Language Generation*.

Michael White. 1995. A computational approach to aspectual composition. In *Proc. of the 5th Toulouse International Workshop on Time, Space and Movement*.

TECHNICAL
REPORTS

Anja Belz, Michael White, Dominic Espinosa, Eric Kow, Deirdre Hogan and Amanda Stent. 2011. The First Surface Realisation Shared Task: Overview and Evaluation Results. In *Proc. of the 13th European Workshop on Natural Language Generation*.

Rajakrishnan Rajkumar, Dominic Espinosa and Michael White. 2011. The OSU System for Surface Realization at Generation Challenges 2011. In *Proc. of the 13th European Workshop on Natural Language Generation*.

SCHOLARLY
PRESENTA-
TIONS

Anja Belz, Michael White, Josef van Genabith, Deirdre Hogan, and Amanda Stent. 2010. Finding Common Ground: Towards a Surface Realisation Shared Task. *Generation Challenges 2010 at INLG-10, Trim, Ireland, July 8*.

Michael White, Chris Brew, Dominic Espinosa and Eric Fosler-Lussier. 2008. Building Expressive Synthetic Voices for Conversational Systems. *Buckeye Language Network Fall Symposium, Columbus, October 4*.

Michael White, Chris Brew, Julie McGory, Shari Speer. 2007. Towards Expressive Synthetic Voices for Conversational Systems. *Prosody Fest, Columbus, June 12*.

Michael White

Mary Ellen Foster, Michael White, Andrea Setzer, and Roberta Catizone. 2005. Generating multimodal output in the COMIC dialogue system. ACL-05 Demo Session. (Peer-reviewed.)

Michael White. 2004. COMIC T24 Phase 3 Study. COMIC/FASIL Workshop, London.

Michael White. 2003. OpenCCG Realizer Demo. Edinburgh-Stanford Link Kick-off Event, Edinburgh.