

Claire Cardie

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Research Interests

Natural language processing

Education

1994	University of Massachusetts Ph.D., Computer Science Thesis title: "Domain-Specific Knowledge Acquisition for Conceptual Sentence Analysis", supervised by Professor Wendy Lehnert	Amherst, MA
1989	University of Massachusetts M.S., Computer Science	Amherst, MA
1982	Yale University B.S., Computer Science	New Haven, CT

Professional Experience

2018-pres	Cornell University <i>Joseph C. Ford Professor of Engineering, Department of Computer Science</i>	Ithaca, NY
2006-pres	Cornell University <i>Professor, Department of Computer Science</i>	Ithaca, NY
2010-pres	Cornell University <i>Professor, Department of Information Science</i>	Ithaca, NY
2010-2011	Cornell University <i>Charles and Barbara Weiss Chair, Information Science</i>	Ithaca, NY
2007-2015	Appinions <i>Co-Founder and Chief Scientist</i>	Manhattan, NY
2005-2010	Cornell University <i>Charles and Barbara Weiss Director, Information Science</i>	Ithaca, NY

2004–2005	Cornell University <i>Co-director, Information Science</i>	Ithaca, NY
2000–2006	Cornell University <i>Associate Professor, Department of Computer Science</i>	Ithaca, NY
1994–2000	Cornell University <i>Assistant Professor, Department of Computer Science</i>	Ithaca, NY
1987–1994	University of Massachusetts <i>Research Assistant to Professor Wendy Lehnert</i> Natural Language Processing Lab, Department of Computer Science	Amherst, MA
1991–1992	Smith College <i>Visiting Lecturer, Department of Computer Science</i>	Northampton, MA
1986–1987	Decision Sciences Consortium <i>Artificial Intelligence Programmer</i>	Falls Church, VA
1985–1986	Smart Systems Technology <i>Artificial Intelligence Programmer, Course Coordinator and Instructor</i>	Falls Church, VA
1982–1985	Intermetrics, Inc. <i>Programmer, Language Systems Division</i>	Cambridge, MA

Awards and Honors

Named an *ACM Fellow*, 2019. For contributions to natural language processing, including coreference resolution, information and opinion extraction.

Google Faculty Award, 2019.

Elected by the Cornell Board of Trustees as an endowed chair recipient, *Joseph C. Ford Professor of Engineering*, Department of Computer Science, 2018.

Workday Faculty Award, 2018.

General Chair, *The 56th Annual Meeting of the Association for Computational Linguistics (ACL 2018)*

Elected a *Fellow of the Association for Computational Linguistics*, 2015. The ACL Fellows program recognizes ACL members whose contributions to the field have been most extraordinary. Elected for “foundational contributions to co-reference resolution, information and opinion extraction, and to machine learning methods in natural language processing”.

System and method for generating influencer scores. CW Wu, C Cardie, L Levy, S Wu, VD Barash, DR Pierce. *US Patent App.* 15/419,347.

U.S. Patent pending: System and Methods for Automatically Detecting Deceptive Content, U.S. Application No. 61548,865

U.S. Patent 8,280,885: System and Method for Automatically Summarizing Fine-Grained Opinions in Digital Text, awarded 02 October 2012

Outstanding Achievement and Advocacy Award in the area of Education “for her key role in integrating computing and information science into education, research, and scholarship in engineering, the social sciences, arts and humanities.” Department of Computer Science, University of Massachusetts Amherst, May 2012

Google Faculty Research Award, 2012

Founding Chair, Information Science Department, Cornell University, *Charles and Barbara Weiss Chair*, 2010–2011

Leading Practices Award, White House Open Government Initiative, Cornell eRulemaking Initiative (CeRI), for RegulationRoom.org, 2010

Flagship Initiative, The U.S. Department of Transportation, for CeRI’s RegulationRoom.org, 2010

Inductee, *Athletic Hall of Fame, Archbishop Wood High School*, Warminster, PA (field hockey, track and field, softball, basketball), 2004

Xerox Foundation Gift, 2004–2005, 2005–2006

First *Charles and Barbara Weiss Director of Information Science*, Cornell University, 2005–2009

Program co-chair, COLING/ACL 2006, *The Joint 21st International Conference on Computational Linguistics and 44th Annual Meeting of the Association for Computational Linguistics*, with Pierre Isabelle, 2006

Program chair, *Fourth International Conference on Computational Natural Language Learning (CoNLL)* and *Second Learning Language in Logic Workshop*, with Walter Daelemans, Claire Ndellec and Erik Tjong Kim Sang, 2000

National Science Foundation Faculty Early CAREER Development Award, 1996–2000

Program chair, *Second Conference on Empirical Methods in Natural Language Processing (EMNLP)*, with Ralph Weischedel, 1997

Ralph S. Watts College of Engineering Excellence in Teaching Award, Cornell University, 1996

Lilly Teaching Fellow, Cornell University, 1996–1997

Best Written Paper Award, Ninth National Conference on Artificial Intelligence, Honorable Mention, 1991

Graduate Fellow, University of Massachusetts, 1993–1994

Massachusetts Regents Fellowship, University of Massachusetts, 1992–1993

And many years ago...

Captain and All-Ivy, Yale University Field Hockey Team

Current Longer-term Board and Committee Memberships

Chief Scientist, Appinions (formerly Jodange), 2007–2015

Advisory Board Member, Context Relevant, 2012–present

Editorial Board member, *Argument and Computation*, 2014–present

Reviewing Team member, *Transactions of the Association for Computational Linguistics (TACL)*, 2013–present

Steering Committee member, *SIGNLL*, Special Interest Group of the Association for Computational Linguistics for Natural Language Learning, which oversees the planning of the annual *Conference on Natural Language Learning (CoNLL)*, 2008–present

Executive Board member, *SIGDAT*, Special Interest Group of the Association for Computational Linguistics for Linguistic Data and Corpus-based approaches to NLP, which oversees the planning of the annual conference on *Empirical Methods for Natural Language Processing (EMNLP)*, 1997–present

Member, International Advisory Committee, *SIGNLL*, Special Interest Group of the Association for Computational Linguistics for Natural Language Learning, 2000–present

Professional Activities

Member, External Review Committee, University of Michigan’s Computer Science and Engineering program (department) within their EECS department (school), December 2019

Member, EMNLP-IJCNLP 2019 Best Paper Awards Committee

Member, CoNLL 2019 Best Paper Awards Committee

General Chair, *The 56th annual meeting of the Association for Computational Linguistics (ACL 2018)*

Member, Organizing Committee, *4th Workshop on Argument Mining*, 2017.

Member, Organizing Committee, *Text Analysis Conference (TAC)* performance evaluation on *Belief and Sentiment Slot-Filling*, 2017

Invited Participant, Lorentz Workshop on *Language, Knowledge and People in Perspective*, Leiden, The Netherlands, May 2017

Member, Organizing Committee, *Text Analysis Conference (TAC)* performance evaluation on *Belief and Sentiment Slot-Filling*, 2016

Member, Best Paper Awards Committee, ACL 2016.

Member, Organizing Committee, *3rd Workshop on Argument Mining*, 2016

Invited Participant, Dagstuhl Seminar on *Natural Language Argumentation*, Dagstuhl, Germany, April 2016

Steering Committee member, NSF-funded Political Science - Informatics Network, 2012–2016

Editorial Board member, *Journal of Information Technology & Politics*, 2006–2015

Editorial Board member (elected), *Machine Learning*, 2004–2015

Invited Participant, First Facebook Summit on Natural Language Processing, Palo Alto, CA, October 2015

Invited Participant, Dagstuhl Seminar on *Debating Technologies*, Dagstuhl, Germany, December 2015

Chair, *2nd Workshop on Argumentation Mining*, held at NAACL 2015

Member, Best Paper and Best Student Paper Awards Committee, NAACL 2015.

Organizer (with Carmen Banea, Rada Mihalcea and Janyce Wiebe), *SemEval-2015* performance evaluation on *Multilingual Semantic Textual Similarity* in Spanish, 2015

Invited Participant, *Frontiers and Connections between Argumentation Theory and Natural Language Processing*, Bertinoro, Italy, July 2014

Member, Best Paper Judging Committee, EMNLP 2014.

Organizer, *Text Analysis Conference (TAC)* performance evaluation on *Knowledge Base Population Sentiment Slot-Filling (KBP-SSF)*, 2014

Organizer (with Noah Smith, Anne Washington and John Wilkerson), *NLP unshared task in PoliInformatics* on the financial crisis of 2007-2008, 2014. (Held as part of the *ACL 2014 Workshop on Language Technologies and Computational Social Science*)

Organizer (with Carmen Banea, Rada Mihalcea and Janyce Wiebe), *SemEval-2014* performance evaluation on *Multilingual Semantic Textual Similarity* in Spanish, 2014

Invited Participant, *NSF/ACM Social Computing Workshop*, Arlington, VA, October 2013

Co-Chair (with Jenny Preece), *NSF Social Computational Systems Doctoral Consortium*, June, 2012

Chair, AAI Conference Outreach Committee, 2009–2011

Member, IJCAI 2011 Advisory Board, 2010–2011

Councillor (elected), Association for the Advancement of Artificial Intelligence (AAAI), 2008–2011

CRA-W Distinguished Professor, NSF-sponsored CAPP-R (Cohort of Associate Professors Project), 2010

Invited Participant, Workshop on *Tracking, Transcribing, and Tagging Government: Building Digital Records for Computational Social Science*, Center for Advanced Study in the Behavioral Sciences (CASBS), Palo Alto, CA, June, 2010

Member, Conference Outreach Committee, AAAI Executive Council, 2008–2010

Editor (with John Wilkerson), *Journal of Information Technology & Politics Special Volume: Text Annotation for Political Science*, 2008

Organizing Committee Member, Institute for Discrete Sciences *Workshop on Associating Semantics with Graphs*, Rutgers University, April 2007

Organizing Committee Member, *First North American Computational Linguistics Olympiad (NAMCLO)*, Ithaca site, Cornell University, March 2007

Editorial Board Member, *Computational Linguistics*, 2007–2009

Program co-chair, COLING/ACL 2006, The Joint 21st International Conference on Computational Linguistics and 44th Annual Meeting of the Association for Computational Linguistics, with Pierre Isabelle, 2006

Board Member (elected), Executive Committee of the Association for Computational Linguistics, 2006–2008

Round Table Member, Judiciary Hearing on Electronic Rulemaking, U.S. House of Representatives, November 2005

Participant, first-ever Google Faculty Summit, 2005

Secretary (elected), North American Association for Computational Linguistics, 2000–2001, 2002–2003

Secretary (elected), SIGNLL, Association for Computational Linguistics special interest group on Natural Language Learning, 1999–2001

Program chair, *Fourth International Conference on Computational Natural Language Learning (CoNLL)* and *Second Learning Language in Logic Workshop*, with Walter Daelemans, Claire Ndellec and Erik Tjong Kim Sang, 2000

Program chair, *Second Conference on Empirical Methods in Natural Language Processing (EMNLP)*, with Ralph Weischedel, 1997

Editor, special issue of *Machine Learning on Natural Language Learning*, 11(1–3), with Ray Mooney, 1999

Action editor, *Journal of Machine Learning Research*, 2000–2007

Associate editor, *Journal of Artificial Intelligence Research*, 2005–2007

Chair (with Lynette Hirshman), Nominating committee, North American Association for Computational Linguistics, 2006

Nominating committee member, North American Association for Computational Linguistics, 2004–2006

Editorial board member, *Journal of Artificial Intelligence Research*, 2004–2005

Organizing committee member, *AAAI Spring Symposium on Exploring Attitude and Affect in Text: Theories and Applications*, 2004

Editorial board member, *Machine Learning*, 1999–2001

Member, DARPA/NSF Question and Answering Roadmap Committee, 2001

Member, DARPA/NSF Summarization Roadmap Committee, 2001

Program Committees and Area Chairships

ACL 2020 (**Area Chair**, Sentiment Analysis and Argument Mining)

IJCAI 2019 (**Senior Program Committee**)

ACL 2019 (**Area Chair**, Sentiment Analysis and Argument Mining)

KDD 2018 workshop on Data Science, Journalism Media

Workshop on NLP in the Legal Domain, 2019

6th International Workshop on Argument Mining, 2019

AAAA-17 (**Senior Program Committee**)

Workshop on Natural Language Processing Meets Journalism, IJCAI 2016

Conference on Empirical Methods in Natural Language Processing (EMNLP 2016)

2nd Workshop on Computational Approaches to Deception Detection (CADD2016), to be held in conjunction with NAACL 2016

The 54th Annual Meeting of the Association for Computational Linguistics (ACL 2016)

Third Workshop on Argument Mining, to be held in conjunction with ACL 2016 in Berlin, 2016

16th workshop on Computational Models of Natural Argument (CMNA 2016)

15th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT 2016)

Conference on Empirical Methods in Natural Language Processing (EMNLP 2015)

Conference on Natural Language Learning (CoNLL 2015)

15th Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT 2016)

Nineteenth Conference on Natural Language Learning, CoNLL 2015

NAACL HLT Student Research Workshop, 2015

ACL 2015 Workshop on Noisy User-generated Text, W-NUT 2015
Twenty-Ninth AAAI Conference on Artificial Intelligence, AAAI-15
ACL Workshop on Language Technologies and Computational Social Science, Baltimore, Maryland, 2014
The 23rd World Wide Web Conference, WWW 2014
The 2013 Conference on Empirical Methods on Natural Language Processing, EMNLP 2013
51st Annual Meeting of the Association for Computational Linguistics (ACL), (**area chair** for Sentiment Analysis, Opinion Mining and Text Classification, with Rada Mihalcea), 2013
Seventeenth Conference on Natural Language Learning, CoNLL 2013
22nd International Conference on the World Wide Web (WWW), 2013 (**area chair** for Content Analysis, with Evgeniy Gabrilovich)
2013 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT)
50th Annual Meeting of the Association for Computational Linguistics (ACL), 2012
13th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2012
2012 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL HLT)
2011 Conference on Empirical Methods in Natural Language Processing (EMNLP)
Conference on Computational Natural Language Learning (CoNLL) 2011 Shared Task
Workshop on Text Summarization (Canadian AI 2011)
Models of Scientific Discourse Annotation (MSDA2011)
22nd International Joint Conference on Artificial Intelligence (IJCAI), 2011
49th Annual Meeting of the Association for Computational Linguistics: Human Language Technologies (ACL HLT), 2011
2010 Conference on Empirical Methods in Natural Language Processing (EMNLP)
NAACL HLT 2010 Workshop on Active Learning for Natural Language
48th Annual Meeting of the Association for Computational Linguistics (ACL), 2010 (**area chair**)
International Conference on Weblogs and Social Media (ICWSM), 2010 (**area chair**)
23rd Pacific Asia Conference on Language, Information and Computation, 2010
Conference on Information and Knowledge Management (CIKM) Workshop on Topic-Sentiment Analysis, 2009
Discourse Anaphora and Anaphor Resolution Colloquia (DAARC 2009), 2009
Thirteenth Conference on Computational Natural Language Learning (CoNLL), 2009

Joint Conference of the 47th Annual Meeting of the Association for Computational Linguistics and the 4th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing (ACL-IJCNLP), 2009
 International Conference on Weblogs and Social Media (ICWSM), 2009
 EACL Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education (LaTeCH-SHELT&R), 2009
 NAACL HLT Student Research Workshop, 2009
 24th National Conference on Artificial Intelligence (AAAI-2007) (**senior program committee**), 2007
 International Conference on Weblogs and Social Media (ICWSM), 2007
 Sentiment and Subjectivity in Text, Workshop at the Annual Meeting of the Association of Computational Linguistics, 2006
 Computational Approaches to Analyzing Weblogs, AAAI Spring Symposium, 2006
 Human Language Technology Conference/Conference on Empirical Methods in Natural Language Processing (HLT-EMNLP 2005), 2005
 Ninth International Conference on Computational Natural Language Learning (CoNLL), 2005
 42nd Annual Meeting of the Association for Computational Linguistics (ACL-04) (**area chair**), 2004
 Eighth International Conference on Computational Natural Language Learning (CoNLL), 2004
 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2004
 Tenth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), 2004
 ACL-2004 Workshop on Reference Resolution and Its Applications, 2004
 Twentieth International Conference on Machine Learning (ICML), 2003
 26th Annual International ACM SIGIR Conference, 2003
 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2003
 IEEE International Conference on Data Mining (ICDM), 2003
 Seventh International Conference on Computational Natural Language Learning (CoNLL), 2003
 International Symposium on Reference Resolution and Its Applications to Question Answering and Summarization, 2003
 Sixth International Conference on Computational Natural Language Learning (CoNLL), 2002
 Mining Answers from Texts and Knowledge Bases, AAAI Spring Symposium, 2002
 24th Annual International ACM SIGIR Conference (**area chair**), 2001

Eighteenth International Conference on Machine Learning (ICML), 2001
Fifth International Conference on Computational Natural Language Learning (CoNLL), 2001
First International Conference on Knowledge Capture (K-CAP), 2001
Seventeenth International Conference on Machine Learning (ICML) (**area chair**), 2000
First Meeting of the North American Chapter of the Association for Computational Linguistics (NAACL), 2000
Fourth International Conference on Computational Natural Language Learning (CoNLL), 2000
Question-Answering Session, 38th Annual Meeting of the Association for Computational Linguistics, 2000
Sixteenth International Conference on Machine Learning (ICML), 1999
Topic Detection Session, 37th Annual Meeting of the Association for Computational Linguistics, 1999
Third International Conference on Computational Natural Language Learning (CoNLL), 1999
Fifteenth National Conference on Artificial Intelligence (AAAI), 1998
36th Annual Meeting of the Association for Computational Linguistics and 17th International Conference on Computational Linguistics (ACL-COLING), 1998
Fifteenth International Conference on Machine Learning (ICML), 1998
Sixth Workshop on Very Large Corpora (WVLC), 1998
AAAI-98 Workshop on Case-Based Reasoning Integrations, 1998
Fourth International Colloquium on Grammatical Inference (CGI), 1998
Third International Conference on New Methods in Language Processing (NeMLaP), 1998
Second International Conference on Computational Natural Language Learning (CoNLL), 1998
Fourteenth National Conference on Artificial Intelligence (AAAI), 1997
Fourteenth International Conference on Machine Learning (ICML), 1997
34th Annual Meeting of the Association for Computational Linguistics (ACL), 1996
Thirteenth National Conference on Artificial Intelligence (AAAI), 1996
Second International Colloquium on Grammatical Inference (ICGI), 1996
Conference on Empirical Methods in Natural Language Processing (EMNLP), 1996
International Conference on New Methods in Natural Language Processing (NeMLaP), 1996
Twelfth International Conference on Machine Learning (ICML), 1995

Reviewer

5th Workshop on Representation Learning for NLP (RepL4NLP-2020)
6th International Workshop on Argument Mining, 2019
4th Workshop on Representation Learning for NLP (RepL4NLP-2019)
ACM SIGCHI Conference on Human Factors in Computing Systems, 2013
24th International Conference on Computational Linguistics, 2012
NSF Social Computational Systems (SoCS) Doctoral Consortium, 2012
Human Language Technologies: The 2010 Annual Conference of the North American Chapter of the Association for Computational Linguistics (HLT-NAACL), 2010
Human Language Technologies: The 2009 Annual Conference of the North American Chapter of the Association for Computational Linguistics (HLT-NAACL), 2009
Twentieth International Conference on Computational Linguistics (COLING-04), 2004
41st Annual Meeting of the Association for Computational Linguistics (ACL), 2003
Seventeenth Annual Conference on Neural Information Processing Systems (NIPS), 2003
17th International Joint Conference on Artificial Intelligence (IJCAI), 2001
39th Annual Meeting of the Association for Computational Linguistics (ACL), 2001
37th Annual Meeting of the Association for Computational Linguistics (ACL), 1999

Tutorials

Symbolic Machine Learning for Natural Language Processing, *37th Annual Meeting of the Association for Computational Linguistics*, with Ray Mooney, 1999

Journal Referee (recent)

Computational Linguistics; Journal of Artificial Intelligence Research (JAIR)

Educational Reviews

University of Michigan, Computer Science and Engineering program (department) within their EECS department (school), December 2019

Williams College, Department of Computer Science, February 2014

Funding Agency Reviewing

National Science Foundation Review Panels

CISE: 2009, 2012, 2014, 2018

Human-Computer Interaction (formerly Interactive Systems): 2003, 2001, 2000, 1999, 1998, 1996

Knowledge and Cognitive Systems (IRI): 2000

Knowledge Models and Cognitive Systems (IRI): 1995

National Science Foundation Ad-hoc Proposal Reviews

CISE: 2008, 2017

CRI: 2008

Knowledge and Distributed Intelligence Program: 1999
Database Activities in the Biological Sciences (Special Projects Program): 1997
Hercules Foundation, Large-Scale Research Infrastructure Program, Belgium, 2008
State of Indiana 21st Century Fund proposals, 2007
Natural Sciences and Engineering Research Council of Canada (NSERC) Proposal Reviews
Information, Communication, and Manufacturing Division: 2002
Swiss Natural Science Foundation Proposal Reviews
Computer Science / AI Division: 2002
ARO Proposal Reviews
Mathematical and Computer Sciences Division: 1998

Publications

Journal Articles

Investigating Prior Knowledge for Challenging Chinese Machine Reading Comprehension.

Kai Sun, Dian Yu, Dong Yu, and Claire Cardie.

Transactions of the Association for Computational Linguistics (TACL). To appear, 2020.

DREAM: A Challenge Dataset and Models for Dialogue-Based Reading Comprehension.

Kai Sun, Dian Yu, Jianshu Chen, Dong Yu, Yejin Choi and Claire Cardie.

Transactions of the Association for Computational Linguistics (TACL), 7, 217-231, 2019.

(Also an oral presentation at NAACL 2019.)

Adversarial Deep Averaging Networks for Cross-Lingual Sentiment Classification.

Xilun Chen, Yu Sun, Ben Athiwaratkun, Claire Cardie and Kilian Weinberger.

Transactions of the Association for Computational Linguistics (TACL), 6, 557-570, 2018.

(Also an oral presentation at EMNLP 2018.)

Using Argumentative structure to interpret debates in online deliberative democracy and eRulemaking.

J Lawrence, J Park, K Budzynska, C Cardie, B Konat, C Reed.

ACM Transactions on Internet Technology (TOIT) 17 (3), 2017.

Physics-Inspired Neural Networks (Pi-NN) for Efficient Device Compact Modeling.

Mingda Li, Ozan Irsoy, Claire Cardie, Huili Grace Xing.

IEEE Journal on Exploratory Solid-State Computational Devices and Circuits

44-49, December, 2016.

A Survey on Assessment and Ranking Methodologies for User-Generated Content on the Web.

Elaheh Momeni, Claire Cardie and Nicholas Diakopoulos.

ACM Computing Surveys (CSUR),
48:3, February 2016.

A Hierarchical Distance-dependent Hierarchical Bayesian Model for Event Coreference Resolution.

Bishan Yang, Claire Cardie and Peter Frazier.

Transactions of the Association for Computational Linguistics, Vol 3:517–528, 2015.

Joint Modeling of Opinion Expression Extraction and Attribute Classification.

Bishan Yang and Claire Cardie.

Transactions of the Association for Computational Linguistics (TACL), 2:505–516, 2014.

Book Review: Sentiment Analysis and Opinion Mining by Bing Liu.

Claire Cardie.

Computational Linguistics, 40:2:511–513, 2014.

Rulemaking 2.0.

Cynthia R. Farina, Mary Newhart, Claire Cardie, and Dan Cosley.

University of Miami Law Review, Vol. 65, No. 2., 2011.

Rulemaking in 140 Characters or Less: Social Networking and Public Participation in Rulemaking.

Cynthia R. Farina, Mary Newhart, Paul Miller, Claire Cardie, Dan Cosley and Rebecca Vernon.

Pace Law Review, Volume 31, Issue 1 *Social Networking and the Law*, Article 8, 2011.

Guest Editors' Introduction: Text Annotation for Political Science Research.

Claire Cardie and John Wilkerson.

Journal of Information Technology & Politics, 5:1, 2008.

Annotating Expressions of Opinions and Emotions in Language.

Janyce Wiebe, Theresa Wilson, Claire Cardie.

Language Resources and Evaluation formerly *Computers and the Humanities*, 39:2-3, 165–210, 2005.

A Cognitive Bias Approach to Feature Selection and Weighting for Case-Based Learners.

Claire Cardie.

Machine Learning, 41, 81–116, 2000.

Using Clustering and SuperConcepts within SMART: TREC 6.

C. Buckley, M. Mitra, J. Walz, and C. Cardie.

Information Processing and Management, 36(1), 109–131, 2000.

Integrating Case-Based Learning and Cognitive Biases for Machine Learning of Natural Language.

Claire Cardie.

Journal of Experimental and Theoretical Artificial Intelligence, 11, 297–337, 1999.

Guest Editors' Introduction: Machine Learning and Natural Language.
Claire Cardie and Raymond Mooney.
Machine Learning, 11:(1-3), 1-5, 1999.

Empirical Methods in Information Extraction.
Claire Cardie.
AI Magazine, 18(4), 65-79, 1997. (invited survey)

Evaluating an Information Extraction System.
W. Lehnert, C. Cardie, D. Fisher, J. McCarthy, E. Riloff, and S. Soderland.
Journal of Integrated Computer-Aided Engineering, 1(6), 1994.

Ph.D. Thesis

Domain-Specific Knowledge Acquisition for Conceptual Sentence Analysis.
Claire Cardie.
Available as University of Massachusetts, CMPSCI Technical Report 94-74, 1994.

Book Chapters

MPQA Opinion Corpus.
T Wilson, J Wiebe, C Cardie.
In *Handbook of Linguistic Annotation*, 813-832, Springer, 2017.

Opinion Mining and Sentiment Analysis.
Claire Cardie and Eric Breck.
In *Oxford Handbook of Computational Linguistics (Second Revised Edition)*, Ruslan Mitkov (Ed.), Oxford University Press, 2017.

Evaluating an Opinion Annotation Scheme Using a New Multi-Perspective Question and Answer Corpus.
Veselin Stoyanov, Claire Cardie, Janyce Wiebe, and Diane Litman.
In *Computing Attitude and Affect in Text: Theory and Practice*, James G. Shanahan, Yan Qu, Janyce Wiebe (Eds.), Springer, 2005.

Low-Level Annotations and Summary Representations of Opinions for Multi-Perspective Question Answering.
Claire Cardie, Janyce Wiebe, Theresa Wilson, and Diane Litman.
In *New Directions in Question Answering*, Mark Maybury (editor), AAAI Press/MIT Press, 2004.

Embedded Machine Learning Systems for Natural Language Processing: A General Framework.
Claire Cardie.
In *Connectionist, Statistical and Symbolic Approaches to Learning for Natural Language Processing*, S. Wermter, E. Riloff, and G. Scheler, eds., 315-328, Springer Verlag, Berlin, 1996.

Refereed Conferences and Performance Evaluation Workshop Publications

The Role of Pragmatic and Discourse Context in Determining Argument Impact.
Esin Durmus, Faisal Ladhak and Claire Cardie.

In *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2019.

Improving Question Answering with External Knowledge.

Xiaoman Pan, Kai Sun, Dian Yu, Jianshu Chen, Heng Ji, Claire Cardie, and Dong Yu.
EMNLP Workshop on Machine Reading for Question Answering (MRQA). 2019.

Determining Relative Argument Specificity and Stance for Complex Argumentative Structures.

Esin Durmus, Faisal Ladhak and Claire Cardie.

In *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL)*, 2019.

Persuasion of the Undecided: Language vs. the Listener.

Liane Longpre, Esin Durmus and Claire Cardie.

Proceedings of the 6th Workshop on Argument Mining, 167-176, ACL 2019.

Multi-Source Cross-Lingual Model Transfer: Learning What to Share.

X Chen, A Hassan, H Hassan, W Wang, C Cardie.

Proceedings of the 57th Conference of the Association for Computational Linguistics (ACL), 2019.

Keeping Notes: Conditional Natural Language Generation with a Scratchpad Encoder.

R Benmalek, M Khabza, S Desu, C Cardie, M Banko.

Proceedings of the 57th Conference of the Association for Computational Linguistics (ACL), 2019.

Determining Relative Argument Specificity and Stance for Complex Argumentative Structures.

Esin Durmus, Faisal Ladhak and Claire Cardie.

Proceedings of the 57th Conference of the Association for Computational Linguistics (ACL), 2019.

A Corpus for Modeling User and Language Effects in Argumentation on Online Debating.

Esin Durmus and Claire Cardie.

Proceedings of the 57th Conference of the Association for Computational Linguistics (ACL), 2019. (short paper)

Be consistent! Improving Procedural Text Comprehension Using Label Consistency.

X Du, BD Mishra, N Tandon, A Bosselut, W Yih, P Clark, C Cardie.

Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, Volume 1 (Long and Short Papers), NAACL 2019.

Improving Machine Reading Comprehension with General Reading Strategies.

Kai Sun, Dian Yu, Dong Yu and Claire Cardie.

Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, Volume 1 (Long and Short Papers), NAACL 2019.

SPARSE: Structured Prediction using Argument-Relative Structured Encoding.

Rishi Bommasani, Arzoo Katiyar and Claire Cardie.

Proceedings of the Third Workshop on Structured Prediction for NLP, 13-17, 2019.

Modeling the Factors of User Success in Online Debate.

Esin Durmus and Claire Cardie.

The World Wide Web Conference, 2701-2707, 2019.

Unsupervised Multilingual Word Embeddings.

Xilun Chen and Claire Cardie.

Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018), 2018.

Multinomial Adversarial Networks for Multi-Domain Text Classification.

Xilun Chen and Claire Cardie.

Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, (Long and Short Papers), NAACL 2018.

Exploring the Role of Prior Beliefs for Argument Persuasion.

Esin Durmus and Claire Cardie.

Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, Volume 1 (Long and Short Papers), NAACL 2018.

SparseMAP: Differentiable Sparse Structured Inference.

Vlad Niculae, Andr F. T. Martins, Mathieu Blondel, Claire Cardie.

Proceedings of ICML 2018, 2018.

Towards Dynamic Computation Graphs Via Sparse Latent Structure.

Vlad Niculae, Andr F. T. Martins, Claire Cardie.

Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018), 2018.

Understanding the Effect of Gender and Stance in Opinion Expression in Debates on Abortion.

Esin Durmus and Claire Cardie.

Proceedings of the Second PEOPLES Workshop on Computational Modeling of Peoples Opinions, Personality, and Emotions in Social Media., 2018.

Nested Named Entity Recognition Revisited.

Arzoo Katiyar and Claire Cardie.

Proceedings of the 2018 Conference of the North American Chapter of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT 2018), 2018.

Harvesting Paragraph-Level Question-Answer Pairs from Wikipedia.

Xinya Du and Claire Cardie.

Proceedings of the 56th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers), 2018.

A Corpus of Erulemaking User Comments for Measuring Evaluability of Arguments.

Joonsuk Park and Claire Cardie.

Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC-2018), 2018.

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Proceedings of the Ninth National Conference on Artificial Intelligence, 117–124, AAAI Press / MIT Press, 1991. **Best Written Paper Nomination**

University of Massachusetts: Description of the CIRCUS System as Used for MUC-3.

W. Lehnert, C. Cardie, D. Fisher, E. Riloff, and R. Williams.

Proceedings of the Third Message Understanding Conference (MUC-3), 116–119, Morgan Kaufmann, 1991.

University of Massachusetts: MUC-3 Test Results and Analysis.

W. Lehnert, C. Cardie, D. Fisher, E. Riloff, and R. Williams.

Proceedings of the Third Message Understanding Conference (MUC-3), 223–233, Morgan Kaufmann, 1991.

Learning Syntax Within a Semantic Parser.

Claire Cardie and Wendy Lehnert.

Proceedings of AAAI Spring Symposium on Machine Learning of Natural Language and Ontology, 27–31, DFKI: Kaiserslautern FRG, 1991.

Analyzing Research Papers Using Citation Sentences.

Wendy Lehnert, Claire Cardie, and Ellen Riloff.

Proceedings of the Twelfth Annual Conference of the Cognitive Science Society, 511–518, Lawrence Erlbaum Associates, 1990.

Other Publications

The Neural Painter: Multi-turn Image Generation.

R Benmalek, C Cardie, S Belongie, X He, J Gao.

arXiv preprint arXiv:1806.06183, 2018.

Cornell Expert Aided Query-focused Summarization (CEAQS): A Summarization Framework to PoliInformatics.

Lu Wang, Parvaz Mahdabi, Joonsuk Park, Dinesh Puranam, Bishan Yang and Claire Cardie.

NLP Unshared Task in PoliInformatics, 2014.

Early Stage Influenza Detection from Twitter.

Jiwei Li and Claire Cardie.

Preprint, 2013.

<http://arxiv.org/pdf/1309.7340v3.pdf>

Machine Learning for Natural Language Processing (and Vice Versa?).

Claire Cardie.

16th European Conference on Machine Learning and 9th European Conference on Principles and Practice of Knowledge Discovery in Databases, Lecture Notes in AI, Springer, 2005.

(invited plenary talk)

OpinionFinder: A System for Subjectivity Analysis.

Theresa Wilson, Paul Hoffmann, Swapna Somasundaran, Jason Kessler, Janyce Wiebe; Yejin Choi, Claire Cardie; Ellen Riloff and Siddharth Patwardhan.

Proceedings of HLT/EMNLP 2005 Interactive Demonstrations, 2005. **(refereed demo presentation)**

Graduate Study in Information Science at Cornell University.

Lori Lorigo, Claire Cardie, Geri Gay, and Phoebe Sengers.

CHI 2005 Workshop on Graduate Education in Human-Computer Interaction, Portland, OR, 2005. **(education)**

ARDA/NRRC Summer Workshop on Multiple-Perspective Question Answering: Final Report.

Janyce Wiebe, Eric Breck, Chris Buckley, Claire Cardie, Paul Davis, Bruce Fraser, Diane Litman, David Pierce, Ellen Riloff, Theresa Wilson.

2002. **(government agency publication)**

Issues, Tasks and Program Structures to Roadmap Research in Question and Answering (Q&A).

John Burger, Claire Cardie, Vinay Chaudhri, Robert Gaizauskas, Sanda Harabagiu, David Israel, Christian Jacquemin, Chin-Yew Lin, Steve Maiorano, George Miller, Dan Moldovan, Bill Ogden, John Prager, Ellen Riloff, Amit Singhal, Rohini Srihari, Tomek Strzalkowski, Ellen Voorhees, Ralph Weischedel.

2001. **(DARPA/NSF committee publication)**

Weighting Unusual Feature Types.

Nicholas Howe and Claire Cardie.

Cornell CS Technical Report: TR99-1735, Ithaca, NY, 1999.

Proposal for an Interactive Environment for Information Extraction.

Claire Cardie and David Pierce.

Cornell CS Technical Report: TR98-1702, Ithaca, NY, 1998.

Proposal for a Framework for the High-Precision Identification of Linguistic Relationships.

Claire Cardie and Scott Mardis.

Cornell CS Technical Report: TR97-1653, Ithaca, NY, 1997.

Word Sense Disambiguation Using Numerical Constraint Satisfaction.

Julia Komissarchik and Claire Cardie.

Cornell CS Technical Report: TR97-1621, Ithaca, NY, 1997.

Understanding Empty Category Constructions in a Semantically-Oriented Parser.

Claire Cardie.

Sixth Annual CUNY Sentence Processing Conference, 29, Amherst, MA, 1993.

The CIRCUS System as Used in MUC-3.

W. Lehnert, R. Williams, C. Cardie, D. Fisher, and E. Riloff.

COINS Technical Report 91-59, Amherst, MA, 1990.

Software Tools for Knowledge Elicitation: A Review and Analysis.

Claire Cardie and Craig Will.

Smart Systems Technology Technical Report, Falls Church, VA, 1987.

Understanding Texts Using Integrated Knowledge Sources.

John Leddo and Claire Cardie.

Decision Sciences Consortium Technical Report, Falls Church, VA, 1987.

Invited Talks

Information Extraction from Text: From Opinions to Arguments to Persuasion, 9th Lisbon Machine Learning School, Instituto Superior Tecnico (IST), Lisbon, Portugal, July 2019.

Structured Prediction in Information Extraction: Then and Now, 3rd Workshop on Structured Prediction, NAACL 2019, June 2019.

From Opinions to Argument to Persuasion, University of Michigan Institute for Data Science, January 2019.

From Opinions to Argument to Persuasion, Distinguished Colloquium Series, Department of Computer Science, University of Maryland, December 2018.

Information Extraction: What Goes Around Comes Around, Invited Talk, Workshop on Widening NLP (WiNLP 2018), at the North American ACL Conference (NAACL), June 2018.

From Sentiment to Argument, NLP/ML Colloquium, Department of Computer Science, University of North Carolina at Chapel Hill, October 2017.

Structured Prediction for Opinions and Arguments, Center for Data Science, New York University, NLP and Text as Data Speaker Series, October 2017.

Joint Inference and Adversarial Learning for Fine-Grained Opinion Analysis, Department of Computational Linguistics, University of Heidelberg, May 2017.

Keynote Address, *Keeping Apace with Research in Natural Language Processing*, Web Search and Data Mining Conference (WSDM 2017), March 2017.

The Belief and Sentiment (BeSt) Knowledge Base Population Evaluation, 2016 Text Analysis Conference (TAC), NIST–Gaithersburg, MD, November 2016.

The Role of Sentiment in Argumentation Mining, Dagstuhl Seminar on Natural Language Argumentation, April 2016.

Context-aware Joint Inference for Fine-Grained Opinion Analysis, Plenary Lecture, Jelinek Speech and Language Technologies Workshop, University of Washington, Seattle, WA, August 2015.

Detecting Deception in On-Line Reviews, University of Potsdam, Potsdam, Germany, April 2015.

... Inaugural Distinguished Lecturer, NLP Lecture Series, Humboldt University, Berlin, Germany, April 2015.

Overview of the TAC2014 Knowledge Base Population Evaluation: Sentiment Slot Filling, Text Analysis Conference (TAC), NIST, Gaithersburg, MD, November 2014.

Using Natural Language Processing to Extract Situated Knowledge from Public Comments in Complex Policymaking (with Ayelet Tsabari, Technion), Technion-Cornell Joint Research Partners Exposition, Jacobs Technion-Cornell Institute, Cornell Tech, NYC, November 2014.

The Information Science Story, Cornell Computer Science 50th Anniversary, October 2014.

Invited Tutorial, *Automatic Analysis of Opinions and Sentiment in Text*, Frontiers and Connections between Argumentation Theory and Natural Language Processing, Bertinoro, Italy, July 2014.

New Results for Deceptive Opinion Spam Detection: Contexts and Concerns, Workshop on Big Data and Human Language Technology, Columbia University, October 2013.

Automatic Identification of Fake On-line Reviews, Faculty of Computer Science, University of Vienna, May 2013.

Automatic Analysis of Opinions and Sentiment in Text: Research Meets the Real World, Big Data and Language Technology Workshop, University of Copenhagen Business School, May 2013.

Automatic Identification of Fake On-line Reviews, Big Data and Language Technology Workshop, University of Copenhagen Business School, May 2013.

Cornell-Technion Dual MS degree in Connective Media, Engineering College Council (ECC) Meeting, New York City, April 2013.

Proposal for a Cross-Disciplinary Project on Political Framing, Political Science-Informatics Steering Committee Meeting, Allen Center, Northwestern University, January 2013.

Finding Deceptive Opinion Spam by Any Stretch of the Imagination, Third Annual New Directions in Analyzing Text as Data Conference (Secrets and Lies session), Harvard University, October 2012.

NLP for Connective Media, Technion-Cornell Connective Media Joint Research Workshop, Cornell NYC Tech Campus, September 2012.

Focused Summarization of Spoken Meetings, Brazil-Cornell Workshop, Ithaca, May, 2012.

Quick Introduction to(a few) NLP (Applications), Cornell CS-Weill Radiation Departments Workshop, April 2012.

Detecting Deceptive Online Reviews, Center for Language and Speech Processing, Johns Hopkins University, November 2011.

From Fact to Fiction (to Federal Rulemaking?), Inside Cornell, New York City, November 2011.

Natural Language Processing for E-Rulemaking, Guest Lecture, Cornell e-Rulemaking Clinic, November 2011.

Opinion Analysis: From Academia to the Real World, Invited Talk, Workshop on Computational Approaches to Subjectivity and Sentiment Analysis (WASSA) at ACL 2011, Portland, Oregon, June 2011.

Sentiment Analysis for the Web, Cornell Silicon Valley 2011, Invited Panelist, Make the Connection: Mobile, Social and Cloud Computing, March 2011.

Managing Opportunities, CRA-W's Cohort of Associate Professors Project (CAPP-R) Workshop, Providence RI, June 2010.

Plenary Panel: Hopes and Dreams...How You'd Like to See Women in CSE Five, Ten, Twenty Years from Now, CRA-W's Cohort of Associate Professors Project (CAPP-R) Workshop, Providence RI, June 2010.

RegulationRoom.org and the Role of Computational Discourse Techniques Invited Workshop on Tracking, Transcribing, and Tagging Government: Building Digital Records for Computational Social Science Center for Advanced Study in the Behavioral Sciences Workshop (CASBS), June 2010.

What Business Innovators Need to Know about Sentiment Analysis, Sentiment Analysis Symposium, New York, NY, April 2010.

Topics, Issues, and Agendas, Text as Data Conference, Kellogg School of Management, Northwestern University, March 2010.

What Were They Thinking?! Finding and Extracting Opinions in the News. Computer Science Colloquium Series, University of Pennsylvania, October 2009.

--- EECS Distinguished Speaker, Department of Electrical Engineering and Computer Science, Northwestern University, January 2010.

--- Computer Science Colloquium Series, Department of Computer Science, SUNY Buffalo, January 2010.

What Were They Thinking?! The Role of Topics and Opinion Holders for Fine-grained Opinion Analysis. Invited Keynote, Conference on Information and Knowledge Management (CIKM) Workshop on Topic-Sentiment Analysis, November 2009.

What Were They Thinking?! Finding and Extracting Opinions in the News. Computer Science Colloquium Series, Cornell University, November 2008.

--- Center of Language Sciences (CLS), University of Rochester, November 2008.

Finding and Extracting Opinions on the Web, Evergreen College, October 2008.

'In my opinion ...': Extracting Content from Subjective Language, Invited Plenary Talk, Les Conférences TALN (Traitement Automatique des Langues Naturelles) et JEP (Journées d'Études sur la Parole), Avignon, France, June 2008.

An eRulemaking Corpus: Identifying Substantive Issues in Public Comments, Sixth International Conference on Language Resources and Evaluation (LREC 2008), Marrakech, Morocco, June 2008.

Topic Identification for Fine-Grained Opinion Analysis, Université d'Avignon, France, May 2008.

The Jodange 'Top of Mind' Service, with Larry Levy, DEMO 08, Palm Desert, January 2008.

Automatic Analysis of Subjective Language, Laboratoire Parole et Langage, Universite de Provence, France, October 2007.

Opinions in Text, Laboratoire Parole et Langage, Universite de Provence, France, August 2007.

Using Recent Advances in Machine Learning for Opinion Summarization, ONR Workshop on Recent Advances in Mathematics and Information Sciences for Analysis and Understanding of Massive and Diverse Sources of Data, DIMACS, Rutgers University, May 2007.

Constructing Graph-Based Opinion Summaries from Text, Institute for Discrete Sciences Workshop on Associating Semantics with Graphs, DIMACS/DyDAn Center, Rutgers University, April 2007.

Identifying Opinions in Text, Boston Cornell Club Boston, March 2007.

Analyzing Sentiment in Text, Fidelity Cornell Alumni Network, Boston, March 2007.

A Sentimental Journey, Invited Keynote Address, 21st International Conference on the Computer Processing of Oriental Languages, Singapore, December 2006.

...City University of Hong Kong, Hong Kong, December 2006.

Looking for Solutions, National Science Foundation Workshop on Coding Across the Disciplines: A Project-Based Workshop on Manual Text Annotation Techniques, University of Pittsburgh, November 2006.

New Directions in Information Extraction, Cornell Engineering Visit, Tsinghua University, Beijing, China, November 2005.

Machine Learning for Natural Language Processing (and Vice Versa?), Invited Plenary Talk, 16th European Conference on Machine Learning and 9th European Conference on Principles and Practice of Knowledge Discovery in Databases, Porto, Portugal, October 2005.

Noun Phrase Coreference Resolution for Information Extraction: Supervised and Weakly Supervised Methods, Keynote, Belgium and The Netherlands Workshop on Information Extraction, University of Antwerp, March 2005.

Machine Learning for Noun Phrase Coreference Resolution

...University of Saarland, March 2005.

...Syracuse University, School of Information Studies, June 2004.

...IBM Watson Research Center, June 2004.

...General Motors, Detroit Michigan, June 2004.

...University of Washington, Department of Computer Science Colloquium, January 2004.

...Xerox Research and Development Center, Webster NY, January 2004.

---SUNY Buffalo, Department of Computer Science Colloquium, December 2003.

---University of Pennsylvania Distinguished Lecture Series, December 2003.

Noun Phrase Coreference Resolution, Cornell Information Science Seminar, Cornell University, October 2003.

Research Directions in Statistical Natural Language Processing, Intelligent Information Systems Institute, Cornell University, June 2003.

Natural Language Technologies for Text Mining, Industrial and Labor Relations Statistics Seminar, Cornell University, April 2003.

Natural Language Technologies for E-Rulemaking, NSF Workshop on E-Rulemaking: New Directions for Technology and Regulation, John F. Kennedy School of Government, Harvard University, January 2003.

Successes, Failures, and New Directions in Natural Language Learning, Plenary Talk, International Conference on Machine Learning, Williams College, July 2001.

Machine Learning for Information Extraction from Unrestricted Text, Alan J. Perlis Symposium, Yale University, April 2001.

Noun Phrase Coreference for Information Extraction, University of Maryland, April 2001.

Improving a Machine Learning Approach to Noun Phrase Coreference Resolution, University of Texas at Austin, February 2001.

Overview of Cornell University Projects in Natural Language Understanding, America On-Line, December 2000.

Noun Phrase Coreference for Information Extraction, University of Montreal, March 2000.

A Clustering Approach to Noun Phrase Coreference, Williams College, December 1999.

Noun Phrase Coreference for Information Extraction and Text Summarization, Washington University, November 1999.

Noun Phrase Coreference for Information Extraction, Purdue University, October 1999.

New Directions in Machine Learning for Information Extraction, Invited talk, Workshop on Machine Learning for Information Extraction, Sixteenth National Conference on Artificial Intelligence, July 1999.

Machine Learning for Information Extraction, University of Ottawa, February 1999.

A Corpus-Based Method for Finding Base Noun Phrases, Johns Hopkins University, April 1998.

Combining Multiple Knowledge Sources for NLP via Symbolic Machine Learning Techniques, Invited Workshop on Interfacing Models of Language, Neural Information Processing Systems Conference, December 1997.

Case-Based Learning of Natural Language, University of Rochester, November 1997.

Improving Minority Class Prediction Using Case-Specific Feature Weights, University of Utah, October 1997.

Knowledge Acquisition for Natural Language Understanding Using Machine Learning Techniques, Harvard University, April 1997.

The Use of Cognitive Biases in Case-Based Learning of Linguistic Knowledge, Invited Workshop on Computational Models of Human Syntactic Processing, Netherlands Institute for Advanced Study (NIAS), Wassenaar, The Netherlands, June 1996.

Lexical Knowledge Acquisition Using Machine Learning Techniques, SUNY Binghamton, September 1995.

Machine Learning and Natural Language Processing, European Commission-sponsored Workshop on Machine Learning of Natural Language and Speech, University of Amsterdam, December 1994. (I was the only speaker invited from outside Europe.)

Domain-Specific Knowledge Acquisition for Conceptual Sentence Analysis

...Southern Methodist University, January 1994.

...Washington and Lee University, January 1994.

...Boston College, February 1994.

...Johns Hopkins University, February 1994.

...North Carolina State, February 1994.

...Washington University, February 1994.

...Carnegie Mellon University, March 1994.

...Massachusetts Institute of Technology, March 1994.

...Northeastern University, March 1994.

...University of Michigan, March 1994.

...Villanova University, March 1994.

...Cornell University, April 1994.

...Middlebury College, April 1994.

...Smith College, April 1994.

Outreach

Panelist, Yale Field Hockey Annual Alumnae Mentoring Fete, *Advice for Your Younger Self*, Yale Club, February 2020.

Participant, Yale Field Hockey Annual Alumnae Mentoring Fete, 2016–pres

Mentor, Yale Field Hockey team player, 2012–pres

Program committee member, NAACL HLT Student Research Workshop, 2015

Speaker, 2nd Annual Yale Field Hockey Mentoring Program, New York, February 2014. Talk title: *Set for Life*.

Panelist, *The Yale Field Hockey Chronicles*, 40th Anniversary of Varsity Field Hockey at Yale, October 2012

Co-Chair (with Jenny Preece), NSF Social Computational Systems Doctoral Consortium, University of Michigan, June, 2012

Program Committee Member, EAACL Student Research Workshop, 2012

Panelist/Mentor, CRA-W's Cohort of Associate Professors Project (CAPP-R) Workshop, Providence RI, June, 2010

Organizing Committee Member, *North American Computational Linguistics Olympiad (NACLO)*, Ithaca site, Cornell University, 2009

Program Committee Member, NAACL HLT Student Research Workshop, 2009

Panelist, *NAACL HLT Student Research Workshop*, 2009

Leader, *Women in Science Roundtable Discussion for Women Athletes*, Yale University, 2007

Reviewer, *AAAI 2007 Student Abstract and Poster Program*, 2007

Organizing Committee Member, *First North American Computational Linguistics Olympiad (NAMCLO)*, Ithaca site, Cornell University, 2007

Panelist, *Student Research Session, 42nd Annual Meeting of the Association for Computational Linguistics (ACL-04)*, 2004

Founding member, *Women's Mentorship Program in Computer Science* at Cornell University

Reviewer, *NAACL-sponsored Summer School in Language Technologies*, North American Chapter of the Association for Computational Linguistics, 2003

Reviewer, *AAAI Doctoral Consortium*, Eighteenth International Joint Conference on Artificial Intelligence, 2003

Panelist, *Perspectives on Women in Computer Science*, Women's Mentorship Program in Computer Science, Department of Computer Science, Cornell University, December 2002

Organizer, *first NAACL-sponsored Summer School in Language Technologies*, North American Chapter of the Association for Computational Linguistics, 2002

Panelist, *Student Research Workshop*, 40th Annual Meeting of the Association for Computational Linguistics, 2002

Reviewer, *Cornell Engineering Communications Program* technical writing classes, Spring 2000

Lecturer, *Cornell University Summer College*, Explorations in Engineering, 1999, 2000

Panelist, *North American Association for Computational Linguistics Student Research Workshop*, 2000

Panelist, *AAAI/SIGART Doctoral Consortium*, 1999

Board of Advisors, *GirlWideWeb*, an internet magazine for girls 9 to 15, 1997–2000

Panelist, *ENGRG470 Undergraduate Teaching* panel discussion on teaching

Panelist, *Association for Computer Science Undergraduates (ACSU)* panel discussion on graduate school, 1995, 1997

Reviewer, *Cornell Engineering Communications Program* technical writing classes, each semester from Fall 1994 to Spring 1996

Reviewer, *Twelfth National Conference on Artificial Intelligence* Student Poster Session, 1993

Logo Instructor, *Cambridge Elementary School Volunteers*, Cambridge, MA, 1983–1984

Summary of Funding

DARPA LwLL (Learning with Less Labels), *Learning from small labeled sets by learning task and domain structure*, 2019–2022. \$ 1,388,095. (with Bharath Hariharan)

Google Faculty Awardlty Award, 2019. \$ 65,235.

Tencent AI Lab Rhino-Bird Focused Research Gift, 2019. \$ 50,000.

Workday Faculty Award, 2018. \$ 75,000.

National Science Foundation, *RI: Small: Collaborative Research: Computational Methods for Argument Mining: Extraction, Aggregation, and Generation*, 2018–2020, \$290,823. (with Lu Wang, Northeastern University)

National Science Foundation, *BIGDATA: IA: Harnessing Language and Interaction Dynamics at Multiple Scales to Maximize the Benefits of Group Interaction*, 2017–2019, \$1,007,479. (with Jon Kleinberg (PI), Lillian Lee, Susan Fussell, Cristian Danescu-Niculescu-Mizil)

Cornell Discovery and Innovation Research Seed Grant, *Transforming online group communication and collaboration*, 2016–2019, \$375,000, PI. (with Lillian Lee and Cristian Danescu-Niculescu-Mizil, Cornell University)

National Science Foundation, *HCC: Large: Social-Computational Support of Civil Engagement in Public Policymaking*, 2013–2017. \$2,263,876. (with Cynthia Farina (Law School), Sue Fussell (IS), and Gilly Leshed (IS))

DARPA DEFT Program, “Uncovering Motivations, Stances, and Anomalies through Private State Recognition and Interpretation”, 2012–2017, \$2,000,000 (with Rada Mihalcea, University of Michigan and Janyce Wiebe, University of Pittsburgh)

Amazon Web Services (AWS) in Education, Coursework Grant award (\$16000, Apr 2014 - Apr 2015).

Technion-Cornell Joint Research Project Award, *Recognizing Personal Stories in a Platform for Civic Participation*, \$20,000, 2013–2014. PI. (with Cynthia Farina (Law School), Dmitriy Epstein (Law School/IS), Mary Newhart (Law School), Alon Itai (Technion), Ayelet Baram-Tsabari (Technion))

Technion-Cornell Joint Research Project Award, *Civic Participation 2.0*, \$30,000, 2012–2013 PI. (with Cynthia Farina (Law School), Dmitriy Epstein (Law School/IS), Mary Newhart (Law School), Alon Itai (Technion), Ayelet Baram-Tsabari (Technion))

Google Faculty Award, 2012, \$80,000

Boeing Gift, 2012, \$200,000

National Science Foundation, "SoCS: Improving Citizen Participation in Rulemaking: Integrating Human and Computational Facilitation of Online Deliberation in Complex Government Policymaking" (SoCS), 2011–2014, \$766,000 (with Cynthia Farina, Law School; Dan Cosley, Information Science; Sally Klingel, ILR)

National Science Foundation, "SoCS: Collaborative Research: Leveraging Others' Insights to Improve Collaborative Analysis" (SoCS-0968450), 2010–2013, \$520,000 (with Sue Fussell, Information Science; and Sara Kiesler (CMU))

National Science Foundation, "NSCC/LA: Collaborative Research: Modeling Discourse and Social Dynamics in Authoritarian Regimes" (BCS-0904822), 2009–2014, \$950,946 (with Jeff Hancock (PI), Information Science; and Mats Rooth, Department of Linguistics)

National Science Foundation, "HCC: Large: Collaborative Research: Design Principles for Information Networks Supporting the Social Production of Knowledge" (HCC-0910664), 2009–2012, \$2,061,727 (with Jon Kleinberg (PI); Dan Cosley, Information Science; Jeff Hancock, Information Science; Dan Huttenlocher, Lillian Lee)

Google Gift, 2010, \$80,000

University Affiliate Center, Department of Homeland Security, "Extracting Events and Opinions from Text", 2007–2010, \$2,400,000 (with Janyce Wiebe, University of Pittsburgh, and Ellen Riloff, University of Utah; Cornell portion \$800,000)

National Science Foundation, "Dynamics of Deception in Computer-Mediated Environments (HSD), 2006–2010, \$685,991 (with Jeffrey Hancock, Department of Communication)

Google Gift, 2005, \$80,000

National Science Foundation, "Natural Language Processing Support for eRulemaking" (IIS-0535099), 2005–2009, \$750,000 (with Cynthia Farina, Cornell Law School)

Xerox Foundation Gift, 2005–2006, \$20,000

Xerox Foundation Gift, 2004–2005, \$20,000

ARDA AQUAINT Phase II, "Opinions in Question Answering", 2004–2006, \$463,500 (Cornell portion; with Janyce Wiebe, University of Pittsburgh, and Ellen Riloff, University of Utah)

National Science Foundation, "Reducing the Corpus Annotation Bottleneck for Natural Language Learning" (IIS-0208028), 2002–2005, \$500,000

ARDA, Mitre's Northeast Regional Research Center, "Multi-Perspective Question Answering Workshop", 2002–2003, \$62,000

National Science Foundation, "ITR/IM: The Construction and Analysis of Information Networks" (IIS-0081334), 2000–2003, \$450,000 (with Kleinberg, Lee, Selman, Strogatz)

National Science Foundation, "POWRE-Integrating Natural Language Processing and Information Retrieval for Intelligent Text-Processing" (EIA-0074896), 2000–2001, \$68,695

DARPA, *TIDES Text-Processing Initiative*, “Rapidly Portable Translingual Information Extraction and Interactive Multidocument Summarization”, 2000–2002, \$1,300,000 (with Michael White of Cogentex Inc., subcontractor)

National Science Foundation, *Faculty Early CAREER Development Award*, “Knowledge Acquisition for Natural Language Understanding” (IRI-9624639), 1996–2000, \$200,000

DARPA, *TIPSTER Text-Processing Initiative*, “Improving End-User Efficiency in a TIPSTER-Compliant Information Retrieval System”, 1997–1999, \$600,000 (with Chris Buckley of SaBIR Research, subcontractor)

National Science Foundation, *Research and Education for Undergraduates*, 1997, \$12,500

Lilly Foundation, *Lilly Teaching Fellowship*, 1996–1997, \$10,000

National Science Foundation, *Graduate Research Traineeships*, “Computational Aspects of Cognitive Science”, 1995–1999, \$562,500. (I became a PI in 1996; with Barbara Lust, Human Development)

Doctoral Dissertation Committee Chair

Menglin Jia, Information Science

Ryan Benmalek, Department of Computer Science (co-chair with Serge Belongie)

Xinya Du, Department of Computer Science

Kai Sun, Department of Computer Science

Esin Durmus, Department of Computer Science

Yao Cheng, Department of Computer Science, 2016–2019

Arzoo Katiyar, Department of Computer Science, graduated 2019

Xilun Chen, Department of Computer Science, graduated 2019

Vlad Niculae, Department of Computer Science, graduated 2018

Recipient of (inaugural) CS department award for outstanding thesis

Ozan Irsoy, Department of Computer Science, graduated 2017

Joonsuk Park, Department of Computer Science, graduated 2016

Bishan Yang, Department of Computer Science, graduated 2015

Lu Wang, Department of Computer Science, graduated 2015

Myle Ott, Department of Computer Science, graduated 2013

Stephen Purpura, Department of Information Science

Left in 2012 to start Context Relevant

Ainur Yessenalina, Department of Computer Science, graduated 2012

Yejin Choi, Department of Computer Science, graduated 2010

Art Munson, Department of Computer Science, graduated 2010

Veselin Stoyanov, Department of Computer Science, graduated 2009

Eric Breck, Department of Computer Science, graduated 2008

Hui Tan, Department of Computer Science, masters 2006

Vincent Ng, Department of Computer Science, graduated 2004

David Pierce, Department of Computer Science, graduated 2003

Kiri Wagstaff, Department of Computer Science, graduated 2002

Scott Mardis, Department of Computer Science, graduated 2000

Mandar Mitra, Department of Computer Science, graduated 1999

Amit Singhal, Department of Computer Science (for G. Salton), graduated 1997

Doctoral Dissertation Committee External Member

Parinaz Sobhani, University of Ottawa, external referee, graduated 2017
Nathan Gilbert, University of Utah
Nikhil Dinesh, University of Pennsylvania, graduated 2011
Yun Niu, University of Toronto, graduated 2008
Jingying Chen, University of Pennsylvania, graduated 2008
Elena Filatova, Columbia University, graduated 2007
Laurianne Sitbon, Universit d'Avignon, graduated 2007
Veronique Hoste, University of Antwerp, graduated 2005
Xiaoyun Wu, SUNY Buffalo, graduated 2004
Einat Amitay, Macquarie University, Australia, external reviewer, graduated 2001
Roman Yangarber, New York University, graduated 2000
Lluís Marquez, Universitat Politècnica de Catalunya, external referee, graduated 1998
Cynthia Thompson, University of Texas at Austin, graduated 1998

Cornell Doctoral Dissertation Committees

George Karagiannis, Computer Science, Minor Member (IS)
Yiqing Hua, Computer Science @ Cornell Tech, Member
Binh Tang, Statistics, Member
Jiajing Guo, Information Science, Member
Menglin Jia, Fiber Science and Apparel Design (transferred to IS)
Ben Athiwaratkun, Statistics, Member, graduated 2019
Longqi Yang, Computer Science (at Cornell Tech), Member, graduated 2019
Mingda Li, ECE, Member, graduated 2018
Nitesh Goyal, Information Science, Member, graduated 2017
Liz Murname, Information Science, Member, graduated 2017
Dinesh Puranam, Johnson School of Business, Member, graduated 2016
Ruben Sipos, Computer Science, Cognitive Science Minor Member, graduated 2014
Maria Boston, Linguistics, Member, graduated 2011
Hao-Chuan Wang, Information Science, Member, graduated 2011
Kan Li, Computer Science, Member, graduated (M.S.) 2010
Vladimir Barash, Information Science, Member, graduated 2011
Art Munson, Computer Science, Member, graduated 2010
Dave Crandall, Computer Science, Member, graduated 2007
Bo Pang, Computer Science, Member, graduated 2006
Amanda Holland-Minkley, Computer Science, Member, graduated 2004
Alin Dobra, Computer Science, Member, graduated 2003
Eric Aaron, Computer Science, Member, graduated 2000
Nicholas Howe, Computer Science, Member, graduate 2001
Yi-Cheng Huang, Computer Science, Member, graduated 2002
Yonghong Mao, Linguistics, Member, graduated (M.S.) 1999
Shamitha Somashekar, Human Development, Member, graduated 1999

Wee-Liang Heng, Computer Science, Member, graduated 1998
Chris Buckley, Computer Science, Member, graduated 1995

Visiting PhD Students

Evelin Amorim, UFMG - Universidade Federal de Minas Gerais, Brazil (Spring/Summer 2016)
Pedro Calais Guerra, UFMG - Universidade Federal de Minas Gerais, Brazil (Oct 2012–July 2013)
Elaheh Momeni, University of Vienna (Fall 2012)
Bin Lu, City University of Hong Kong (Summer 2010–Spring 2011)

Undergraduate Research Projects

Sourabh Chakraborty, College Scholar (Fall 2018–Spring 2020), Anneliese Lu (Spring 2019–Spring 2020, Summer 2019), Heather Zheng (Spring 2019–Spring 2020, Summer 2019), Frank Li (Spring 2019–Spring 2020), Sneha Kumar (Spring 2019–Spring 2020), Ashley Park (Fall 2019–Spring 2020), Kurt Chua (Fall 2019–Spring 2020), Wenyi Guo (Fall 2019–Spring 2020), Anna Huang (Fall 2019–Spring 2020), Sofia (Hee Won) Yoon (Fall 2019–Spring 2020), Xinran Zhao (Spring 2019, Fall 2019 (HKUST)), Alan Aytbaev (Spring 2020), Liam Breen (Spring 2020), Jonna Chen (Spring 2020), Thomas Chen (Spring 2020), Wan Qing Chua (Spring 2020), Jonghyun Chung (Spring 2020), Yagmur Dulger (Spring 2020), Tristan Engst (Spring 2020), Kevin Huang (Spring 2020), Youn Sung Huh (Spring 2020), Irene Hung (Spring 2020), Aditi Kashyap (Spring 2020), Shaima Parveen (Spring 2020), Quintessa Qiao (Spring 2020), Ashrita Raman (Spring 2020), Vinita Sinha (Spring 2020), David Sun (Spring 2020), Jerry Sun (Spring 2020), Albert Tsao (Fall 2019, Spring 2020), Kabir Walia (Fall 2019, Spring 2020), Uni Wei (Fall 2019, Spring 2020), Beining Yang (Spring 2020), Jaemok Yoon (Spring 2020), Revati Athavale (Fall 2019), Sabhya Chhabria (Fall 2019), Anusha Choudhury (Fall 2019), Ruchika Dongre (Fall 2019), Pooja Gokhale (Fall 2019), Janice Jung (Fall 2019), Nakia Kenon (Fall 2019), Haitian Lu (Fall 2019), Lucy Lu (Fall 2019), Natalie Neamtu (Fall 2019), Aarushi Parashar (Fall 2019), Shaima Parveen (Fall 2019), Divya Talesra (Fall 2019), Christian Varner (Fall 2019), Rishi Bommasani (Summer 2017 – Spring 2019) *Recipient of the CS Department Award for Academic Excellence and Leadership Award for graduating seniors*, Zachary Bamberger (Fall 2017, Spring 2019), Tianyi Zhang (Summer 2018, Fall 2019), Sasha Badov (Summer 2018, Fall 2018), Hyun Kyo Jung (Fall 2018, Spring 2019), Kemal Atay (Fall 2018, Spring 2019), Lucas Chen (Spring 2019), Qichen Hu (Spring 2019), Anirudh Maddula (Spring 2019), Julie Phan (Spring 2019), Gauri Jain (Spring 2019), Riddhima Narravula (Spring 2019), Ziwei Gu (Spring 2019), Sarah Sabbagh (Spring 2019), Shantanu Gore (Spring 2017), Jonathan Chan (Spring 2017), Boyu Liu (Visiting student, University of Science and Technology, Hong Kong, Spring 2017), Matthew Weidman (Summer 2016, Spring 2017), Prajjalita Dey (Fall 2017), Ivan Dimitrov (Fall 2017), Kevin Jiang (Fall 2017), Alyssa Trigg (Spring 2016), Jamison Poland (Fall 2015, Spring 2016), Gerui Wang (Visiting Student, Tsinghua University, Spring 2016), Jamison Poland (Fall 2015, Spring 2016), Xinya Du (Visiting student, Shanghai Jiaotong, Summer 2015, Fall 2015, Spring 2016), Yiqing Hua (Visiting student,

Shanghai Jiaotong, Summer 2015, Fall 2015), Galen Marchetti (Fall 2014), Rebecca Doherty (Spring 2014), Sungho Park (Spring 2014), Dietan Shi (Spring 2014), Sungho Park (Spring 2014), Dietan Shi (Spring 2014), Chetan Parag Gupta (Spring 2014), Dietan Shi (Summer 2013), Sungho Park (Fall 2013), Ying Qin (Fall 2013), Sanyukta Inamdar (Spring 2013), Christopher Yu (Spring 2013), Yinglei Wang (Fall 2012), Sanyukta Inamdar (Summer 2012), Hansol Dol (Fall 2011), Bianca Rhodes (Summer 2010), Alex Ainslie (Independent Major advisor; Dec 2009 graduate), Tommy Cusick, (Fall 2009, Spring 2010; **BOOM award winner, Cisco Pioneer Award**), Justin Prieto, (Fall 2009, Spring 2010; **BOOM award winner, Yahoo! Excellence Award**), Chelsea Howe (College Scholar committee member, 2009 graduate), Morgan Ulinski (Fall 2008), Zachary Lipton (2008–2009), Ben Pu (2007–2009), Dave Golland (Spring 2007), Todd Barthelme (Spring 2007), Benjamin Cole (Fall 2006, Spring 2007), Matt Rawding (Fall 2006, Spring 2007), Alex Rivers (Fall 2006), Brianna Lance (College Scholar committee member, 2006 graduate), Eric Chen (Fall 2005), Guillermo Munoz (Fall 2005), Dmitriy Shtokman (Spring 2005), Eli Brown (Spring 2005), Brian Lukoff (College Scholar committee member, 2004 graduate), Yekaterina Petrova (Fall 2003, Spring 2004), Ron Hose (Fall 2003), Alex Chang (Fall 2003), Steven Baker (2001–2003), Peter Brodsky (Fall 2002), Tyson Bergland (Spring 2001), Ross Paul (College Scholar committee chair, 2000-2001), Jordan Barry (Spring 2001), Jesse Yu (Spring 2001), Theodore Kim (Fall 2000), John Abrehamson (Spring 2000), Marc Durant (Spring 2000), Piyanuch Silapachote (Spring 2000), John Blitzer (1999–2001), Erwin Chan (Fall 1999, Spring 2000), Jim Curcio (Fall 1999), Tiffany Chiu (Summer 1999), Serena Kohli (Summer 1999), Daniel Witriol (Summer 1998), David Young (Summer 1998), Julie Goldberg (Spring 1997, Summer 1998), Greg Baeckler (Spring 1997), Dan Klein (Spring 1997–Spring 1998) **Recipient of the CS Department Award for Academic Excellence and Leadership Award for graduating seniors**, Ken Lee (Spring 1997), Tina Nolte (Spring 1997), Shawn Cooper (1996–1997), Sam (Wai Kwong) Lee (1996–1997), Mitesh Shah (1996–1997), Dan Bernstein, (Fall 1996), Ed Wayt (Fall 1996), Sradee Roochon (Spring 1996), Tristan DeBuysscher (Fall 1995, Spring 1996), Kevin Saunders (from Environmental Engineering, 1995–1997), Eric Allen (Summer 1995, Spring and Summer 1996) Scott Brown (Spring 1995), Phil Irwin (Spring 1995)

MS and MPS Projects Supervised

Rishi Bommasani, Computer Science, graduating 2020
 Shantanu Gore, Computer Science, graduated 2019
 Seunghyun Kim, Computer Science, graduated 2019
 Anusha Chowdhury, Computer Science, graduated 2017

MEng Projects and Research

Vedant Puri (Spring 2020, Fall 2019), Ye Jiang (Spring 2020), Sudhanshu Khoriya (Spring 2020), Haitian Lu (Spring 2020), Anirudh Maddula (Spring 2020), Soham Ray (Spring 2020), Stephanie Shum (Spring 2020), Jialu Li (Fall 2019, Summer 2019, Spring 2019), Lucas Chen (Fall 2019), Liane Longpre (Spring 2019), Alena Hutchinson (Spring 2019),

Yifan Jia (Spring 2019), Harshit Manchanda (Spring 2019), Joshua Ying (Spring 2019), Vasundhara Bhargava (Spring 2019), Xingyu Chen (Spring 2019), Ivan Dimitrov (Spring 2018, Fall 2018, Spring 2018), James Chen (Fall 2018), Jay Tappan (Fall 2018), Fatima AlGhamdi (Fall 2017), Pooja Ravi Shankar (Fall 2017), Sungho Park (Spring 2016), Xiaolan Yan (Summer 2014), Teng Qu (Fall 2014), Sungho Park (Spring 2014), Xiaoan Yan (Spring 2014), Paul Munn (Fall 2013), Aseel Addawood (Spring 2013), Rishabh Animesh (Spring 2013), Sandeep Chawla, (Spring 2013), Chaorong Chen (Spring 2013), Aanchal Gupta (Spring 2013), Yi Li (Spring 2013), Rushabh Mehta (Spring 2013), Vidya Sindhu Nagesh (Spring 2013), Rakesh Recharla Chenchu (Spring 2013), Aayush Saxena (Spring 2013), Prashanth Shanthaveerappa (Spring 2013), Suman Somasundar (Spring 2013), Sandeep Chawla (Fall 2012), Rushabh Mehta (Fall 2012), Vidya Sindhu Nagesh (Fall 2012), Aseel Addawood (Summer 2012), Khushboo Aggarwal (Spring 2012), Anand Bheemarajalah (Spring 2012), Swinburn Miranda (Spring 2012), Anshul Pandey (Spring 2012), Poornima Prabhu (Fall 2011), Anusree Banerjee (Fall 2011), Shreesh Ayachit (Fall 2011), June Ho Hwang (Spring 2011), Pracheer Gupta (Spring 2011), Uday Babbar (Spring 2011), Quazi Hussain (Spring 2011), Biswajit Biswal (Spring 2011), As-sel Salimova (Spring 2011), Daniela Balmus (Spring 2011), Jeff Davidson (Fall 2010), Tommy Cusick (Spring 2010; BOOM award winner), Mehant Rajendar Baid (Spring 2010), Raghavendar Chandrasekaran, (Spring 2010), Sujith Vidanapathirana (Fall 2009, Spring 2010; BOOM award winner, Yahoo! Excellence Award), Daniela Balmus (Summer 2009), Beibei Zhu (Spring 2009), Yan Tang (Spring 2009), Terry Chia-Wei Wu (Fall 2008), Eugen Mirkin (Spring 2007), Abishek Sharma (Spring 2007), Chong Suk Yoon (Fall 2006, Spring 2007), Janani Deverajan (Fall 2006, Spring 2007), Rajat Mehta (Fall 2006, Spring 2007), Saudia Ooyshee (Spring 2006), Dustin Harber (Spring 2006), Derrick Yeung (Spring 2006), Doug Wong (Spring 2006), Danish Mujeeb (Spring 2006), Yiu Woon Lau (Spring 2006), Justin Hart (Fall 2005), Richard Calvi (Summer/Fall 2005), Joe Dillman (Spring 2005), Greg Leedberg (Spring 2005), Eli Brown (Spring 2005), Rongrong Heather Qi (Spring 2005), Dustin Shultz (Spring 2005), Soo-Yung Cho (Fall 2004, Spring 2005), Yasuhiko Kuichi (Fall 2004, Spring 2005), Andrew Kae (Fall 2004), Sofya Tennenbaum (Fall 2004), Santoshreddy Karla (Fall 2004), Sukwon Yoon (Fall 2003, Spring 2004), Bing Zhao (Fall 2003, Spring 2004), Young-Hoon Mok (Fall 2003), Mikolaj Franaszczuk (Fall 2003), Nadya Travinin (Fall 2001), Mirek Janusz (Fall 2001), Marjorie Freedman (Fall 2001, Spring 2002), Dennis Yeh (Spring 2002), Sheila Kang (Fall 2000, Spring 2001), Eric Strong (Spring 2001), Ngoclan Vu (Fall 2000), Roman Lobkovsky (Spring 2000), Rui Wang (Spring 2000), Woong Yoon (Fall 1999, Spring 2000) Ernie Post (Fall 1998, Spring 1999), Jerry Hsu (Fall 1996), Shilpa Agarwal (Spring 1996), Janeen Reich (Spring 1996), Ivan Tam, (Spring 1996), Yuichi Tsuchimoto, (Spring 1996, Fall 1996), Agatha Hsin Liu (Fall 1996), Carlos Barragan-Orbe, (Fall 1995, Spring 1996), Ed Lazzerini, (Fall 1995, Spring 1996), Chris Paradis, (Fall 1995, Spring 1996), Daniel Rabinovitch, (Fall 1995, Spring 1996), Lynn Dabbous (Fall 1995), Heng-Kwan Ju (Fall 1994, Spring 1995), Boon Bin Saelim (Fall 1994, Spring 1995)

Department, College, and University Service

Member, CS Faculty Recruiting Committee, 2019–2020

Chair, Engineering College Ad hoc Tenure Review Committee, 2020

Cornell CS Lunch Bunch, 2018–2020
Director of Undergraduate Studies, Department of Computer Science, 2016–2019
Member, Planning Committee, CIS 20th Anniversary, 2018–2019
Member, Cornell College of Arts & Sciences, Curriculum Review Committee, 2016–2018
Member, Cornell College of Arts & Sciences, Ad Hoc Committee on the Creation of a Cognitive Science Major, 2017–pres
Member, Ad-hoc Committee on Tenure and Promotion, College of Arts & Sciences, 2017
Chair, Ad-hoc Committee on Tenure and Promotion, College of Engineering, 2016
Assistant Professor Faculty Mentor, Computer Science, 2016–2019
Assistant Professor Faculty Mentor, ORIE, 2016-pres
Assistant Professor Faculty Mentor, Information Science, 2015–2019
Member, CS PhD Admissions Committee, 2016
Member, Technion-Cornell Innovation Institute (TCII) Faculty Hiring Oversight Committee, 2012–2015
Advisor, Computer Science majors (Arts & Sciences, Engineering)
Advisor, Information Science majors (Arts & Sciences, Engineering, CALS)
Advisor, Cognitive Science Graduate Minor
Member, Cornell Presidential Research Scholars Board, 2002–present
Founding Member, Cornell Virtual Center for Language Acquisition, 2002–present
Member, College Scholar Advisory Board, 2000–present
Member, Independent Major Advisory Board, College of Arts & Sciences, 2000–present
Chair, Faculty Recruiting Committee, Computer Science, 2013–2014
Member, Ad-hoc Committee on Tenure and Promotion, Johnson School, 2013–2014
Member, Cognitive Studies Steering Committee, 2011–2014
Member, Committee on Academic Planning for Cornell NYC Tech Campus, 2012–2013
Advisor, Cognitive Studies Concentration, 1994–2013
Member, PhD Admissions Committee, Information Science, 2013
Chair, Working Group on Academic Planning of the Cornell-Technion Dual MS Degree on Connective Media, 2012–2013
Member, Research Data Management Service Group Advisory Board, 2011–2013
Member, PhD Admissions Committee, Computer Science, 2012
Chair, Information Science Department, 2010–2011
Member, Curriculum Committee, Information Science, 2002–2011

Member, Provost's Advisory Group of Women in Science and Engineering (WISE), 2001–2013

Director, Information Science Program, 2005–2010

Chair, Faculty Search Committee, Information Science, 2009–2010

Co-Director of Undergraduate Studies, Information Science, Systems, and Technology (Eng), 2004–2005

Member, Computer Science Chair Search Committee, 2009 (committee chair), 2006, 2004, 1999

Co-Director, Information Science Program, 2004–2005

Director of Undergraduate Studies, Information Science (A&S, CALS), 2003–2005

Member, Computing and Information Science Council, 2004–2007

College Scholar Advisor, 2001–pres, 1997–1998, 1995–1996

Member, Faculty of Computing and Information Founders, 2001–2003

Chair, Working Group for Undergraduate Majors in Information Science, 2002–2003

Independent Major Advisor, 2001–2004, 2008–2010

Member, Faculty of Computing and Information Working Group for Information Science, 2001–2002

Member, Faculty of Computing and Information Working Group for Crosscutting Education Programs, 2001

Member, Selection Committee, Cognitive Studies Summer Fellowships, 1996–2001

Member, Selection Committee, Cognitive Studies Continuing Fellowships, 1996–2001

Member, Selection Committee, Cognitive Studies Incoming Fellowship, 1998–2001

Member, Ph.D. Admissions Committee, Department of Computer Science, 2001, 1997, 1996

Member, Space Committee, Department of Computer Science, 2001

Member, Cognitive Studies Steering Committee, 1999–2001

Member, Selection Committee, Engineering College Associate Dean for Undergraduate Programs, 1999

Member, Selection Committee, Computer Science Department Chair, 1999

Member, Engineering College Lecture Series Committee, 1999–2000

Member, Fall Faculty Reception Committee, Engineering College, 1999

Member, Faculty Recruiting Committee, Department of Computer Science, 1999

Member, Selection Committee, Engineering College Teaching Awards, 1998

Organizer, AI Q exam, Department of Computer Science, 1995, 1996, 1997

Reviewer, Undergraduate Minority/Underrepresented Summer Research Exchange Program, 1996

Member, Cognitive Studies Undergraduate Committee, 1994, 1995, 1996

Member, Engineering College Committee on Faculty Development and Mentoring,
1995

February 29, 2020