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Professional and academic background

- Associate Professor, Department of Linguistics, Brigham Young University (since tenure granted in September 2005). Other BYU affiliations:
 - Native American Studies Program
 - Computing in the Humanities and Linguistic Computing Programs (1998-2013)
 - Adjunct Research Fellow, Neal A. Maxwell Institute for Religious Scholarship (2010-2013)
- Assistant Professor, Department of Linguistics, Brigham Young University (January 1998-August 2005).
- Ph.D. in Computational Linguistics, Carnegie Mellon University (1997).
 - Dissertation: *An Architectural Account of Simultaneous Interpretation*.
- M.S. in Computational Linguistics, Carnegie Mellon University (1992).
- Employment as senior computational linguist, project leader and project manager, Alpnet Inc., Ottawa, Canada and Provo, Utah (1981-1990).
- Bilingual B.Sc., Faculté Saint-Jean, University of Alberta (1981).
- French language conversation teacher, Continuing Education night school, Edmonton City Parks and Recreation, Edmonton, AB, Canada. (Summer 1980).

Publications (peer-reviewed)

- Books
 1. Deryle Lonsdale and Yvon Le Bras (2009). *A Frequency Dictionary of French: Core Vocabulary for Learners*. London: Routledge Dictionary Series. ISBN 978-0415775311.
 2. Royal Skousen, Deryle Lonsdale and Dilworth B. Parkinson (Editors). (2002) *Analogical Modeling: An exemplar-based approach to language*, Vol. 10 of *Human Cognitive Processing Series*. John Benjamins Publishing Company, Amsterdam.
- Book chapters
 1. Deryle Lonsdale (2018). Discourse centering and zero arguments in Lushootseed. In: Lisa Matthewson, Erin Guntly, Marianne Huijsmans, and Michael Rochemont (Eds.) *Wa7 xweysás i nqwal'utteniha i ucwalmícwa: He loves the people's languages. Essays in honour of Henry Davis*, pp. 357-368. Vancouver, BC, Canada: UBC Press. ISBN 978-0-88865-307-9.
 2. David W. Embley, Stephen W. Liddle, Tanner S. Eastmond, Deryle W. Lonsdale, Joseph P. Price, and Scott N. Woodfield (2017). Conceptual Modeling in Accelerating Information Ingest into Family Tree. In: Jordi Cabot, Cristina Gómez, Oscar Pastor, Maria Ribera Sancho, and Ernest Teniente (Eds.) *Conceptual Modeling Perspectives*, pp. 69-84. Cham, Switzerland: Springer International Publishing AG. ISBN 978-3-319-67270-0.
 3. Benjamin Millard and Deryle Lonsdale; French Oral Proficiency Assessment: Speech Recognition (2014). In: Marie-Hélène Côté and Éric Mathieu (Eds.) *Variation Within and Across Romance Languages; Selected Papers from the 41st Linguistic Symposium on Romance*

- Languages (LSRL)*, pp. 401-416. Current Issues in Linguistic Theory, vol. 333. Amsterdam/Philadelphia: John Benjamins. ISBN 9789027248527.
4. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale, Byung-Joo Shin, and Yuri Tijerino (2014). Multilingual Extraction Ontologies; In: *Towards the Multilingual Semantic Web: Principles, Methods, and Applications* (Ed. Paul Buitelaar and Philipp Cimiano); pp. 155-174. Springer. ISBN 978-3-662-43584-7.
 5. David W. Embley, Stephen W. Liddle, and Deryle W. Lonsdale (2011). Conceptual Modeling Foundations for a Web of Knowledge. In: (D.W. Embley & B. Thalheim, Eds.) *Handbook of Conceptual Modeling: Theory, Practice, and Research Challenges*, pp. 477-516, Springer Verlag, ISBN 978-3-642-15864-3.
 6. Deryle Lonsdale (2009). Updating and analyzing Father Chirouse's (1821-1892) Lushootseed Word List; *Missionary Linguistics IV / Lingüística misionera IV: Lexicography*; Otto Zwartjes, Ramón Arzápalo Marín and Thomas C. Smith-Stark (Eds.); pages 197-212; *Studies in the History of Language Sciences* 114; Amsterdam: John Benjamins.
 7. Jon Dehdari and Deryle Lonsdale (2008). A link grammar parser for Persian. In: S. Karimi, V. Samiiian, and D. Stilo (Eds.), *Aspects of Iranian Linguistics*, pp. 19-34; Newcastle upon Tyne, UK: Cambridge Scholars Publishing. ISBN 9781847186393.
 8. Deryle Lonsdale, Matthew P. Spackman, and Bruce L. Brown (2008). A rationale for exploring vocal pleasantness; In: Krzysztof Izdebski (Ed.) *Emotions in the Human Voice: Volume I, Foundations*, pp. 31-41; San Diego: Plural Publishing. ISBN 978-1-59756-073-3.
 9. Anton Rytting and Deryle Lonsdale (2006). An Operator-based Account of Semantic Processing; In Alessandro Lenci, Simonetta Montemagni, and Vito Pirrelli (Eds.), *Acquisition and Representation of Word Meaning: Theoretical and Computational Perspectives*, Vol. XXII-XXIII in series *Linguistica Computazionale*, pp. 117-137, Pisa/Roma: Istituti Editoriali e Poligrafici Internazionali. ISBN 88-8147-413-1.
 10. Deryle Lonsdale, C. Ray Graham, and Rebecca Madsen (2005). Learner Centered Language Programs: Integrating Disparate Resources for Task-based Interaction; In Panayiotis Zaphiris and Giorgos Zacharis (Eds.), *User Centered Computer Aided Language Learning*; pp. 116-132; Hershey, PA: Information Science Publishing. ISBN 1-54190-750-8.
 11. Deryle Lonsdale (2002). Data Files for Analogical Modeling; In Skousen, Lonsdale, and Parkinson (Eds.), *Analogical Modeling: An exemplar-based approach to language*, Vol. 10 of *Human Cognitive Processing Series*, pp. 349-363; Amsterdam: John Benjamins Publishing Company. ISBN 1-58811-302-7.
 12. Deryle Lonsdale (1994). Extraction d'un vocabulaire bilingue: outils et méthodes; *TA-TAO: Recherches de Pointe et Applications Immédiates* (editors: A. Clas and P. Bouillon), pp. 241-253; AUPELF/UREF-FMA. ISBN 2-909611-09-4.

- Journal articles

1. Muhammed Jassem Al-Muhammed and Deryle W. Lonsdale (to appear, 5 March 2022). Ontology-aware dynamically adaptable free-form natural language agent interface for querying databases; *Knowledge-Based Systems*, 239(108012), pp. 1-17, Elsevier, Amsterdam.
2. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale, and Scott N. Woodfield (2018). Ontological Document Reading: An Experience Report. *Enterprise Modelling and Information Systems Architectures---International Journal of Conceptual Modeling: Special Issue on Conceptual Modelling in Honour of Heinrich C. Mayr*, Vol. 13 Num. 2, pp. 133-181. Gesellschaft für Informatik e.V. (The German Informatics Society)
3. Jarrett Finlinson Lever and Deryle Lonsdale (dated 2015, appeared 2016). Elicited Imitation for Brazilian Portuguese. *BELT+: Brazilian English Language Teaching Journal* 6(2):142-161. Pontificia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil.
4. Paul Felt, Eric K. Ringger, Kevin Seppi, Kristian S. Heal, Robbie A. Haertel, and Deryle Lonsdale (2014). Evaluating machine-assisted annotation in under-resourced settings. *Language Resources & Evaluation* 48(4):561-599. Springer Science+Business Media, (Online publication

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5. Françoise Kusseling and Deryle Lonsdale (2013). A Corpus-Based Assessment of French CEFR Lexical Content. *Canadian Modern Language Review Special Issue on Implementing the Common European Framework Of Reference for Languages and the European Language Portfolio: Lessons for future Research*; 69(4):436-461. University of Toronto Press.
6. Malena Weitze and Deryle Lonsdale (2011). The Effect of Syntax on English Language Learning, In: (Patricia Sutcliffe, William J. Sullivan, and Arle Lommel, Eds.) *LACUS Forum XXXVI*, pp. 309-315; Linguistic Association of Canada and the U.S., Houston, TX.
7. Paul Huff and Deryle Lonsdale (2011). Positing Language Relationships Using ALINE; *Language Dynamics and Change*, Vol. 1, pp. 128-162. Leiden: Koninklijke Brill NV.
8. D.W. Lonsdale, David W. Embley, Yihong Ding, Li Xu, Martin Hepp (2010). Reusing Ontologies and Language Components for Ontology Generation; *Data and Knowledge Engineering* 69(1), pp. 318-330. Amsterdam: Elsevier B.V.
9. D.W. Lonsdale, C. Tustison, C.G. Parker, D.W. Embley (2008). Assessing clinical trial eligibility with logic formula queries; *Data and Knowledge Engineering* 66(1), pp. 3-17. Elsevier B.V. ISSN 0169-023X.
10. David Riding, Deryle Lonsdale, and Bruce Brown (2006). The Effects of Average Fundamental Frequency and Variance of Fundamental Frequency on Male Vocal Attractiveness to Women, *Journal of Nonverbal Behavior*, 30(2):55-61; Springer Netherlands.
11. Yuri A. Tijerino, David W. Embley, Deryle W. Lonsdale, Yihong Ding, George Nagy (2005). Towards Ontology Generation from Tables. *World Wide Web: Web Information Systems Engineering*; 8(3):261-285, Springer Science.
12. Deryle Lonsdale and Inna Danielyan (2005). A two-level implementation for Western Armenian morphology; *Annual of Armenian Linguistics*, Vol. 24-25; pp. 35-51; Wipf & Stock Publishers, Eugene, OR.
13. Michael Manookin and Deryle Lonsdale (2004). Resolving Automatic Prepositional Phrase Attachments by Non-Statistical Means; *LACUS Forum XXX: Language, Thought, and Reality*; pp. 301-312; The Linguistic Association of Canada and the United States.
14. Deryle Lonsdale (2004). Modeling stress in Salish languages; *LACUS Forum XXX: Language, Thought, and Reality*; pp. 291-300; The Linguistic Association of Canada and the United States.
15. Deryle Lonsdale and Alan Melby (2003). Machine Translation, Translation Studies, and Linguistic Theories; *Logos and Language*, 3(1): 39-57; Gunter Narr Verlag, Tübingen.
16. Deryle Lonsdale (2001). An Operator-based Integration of Comprehension and Production; *LACUS Forum*, XXVII:123-132; The Linguistic Association of Canada and the United States.
17. D.W. Embley, D.M. Campbell, Y.S. Jiang, S.W. Liddle, Y.K. Ng, R.D. Smith, and Deryle Lonsdale (1999). Conceptual-Model-Based Data Extraction from Multiple-Record Web Pages; *Data and Knowledge Engineering*, 31(3):227-251; Elsevier Science, Netherlands.
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22. Deryle Lonsdale (1984). Towards Automatic Treatment of Natural Language, *The Canadian Modern Language Review/La Revue canadienne de langues vivantes*, 41(2):432-440.

- Book reviews

1. Deryle Lonsdale (2008). Book Review: *Corpus Linguistics and Textual History: A Computer-Assisted Interdisciplinary Approach to the Peshitta*; *Hugoye: Journal of Syriac Studies*, Vol. 11 No. 1; Beth Mardutha: The Syriac Institute.
 2. Deryle Lonsdale (1996). Book Review: *Lushootseed Dictionary*; *Language*, 72(3):644-645; Linguistic Society of America.
- Proceedings
 1. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale, Scott N. Woodfield (2021). Inter-Generational Family Reconstitution with Enriched Ontologies. In: *Iris Reinhartz-Berger and Shazia Sadiq (Eds.)*, *Advances in Conceptual Modeling: Proceedings of the 40th International Conference on Conceptual Modeling (ER 2021) Workshops CoMoNoS, EmpER, CMLS*; Springer Lecture Notes in Computer Science 13012, pp. 61-75. ISBN 978-3-030-88357-7.
 2. Michael A. Nix and Deryle W. Lonsdale (2020). Parsing an ASL Corpus with Categorical Grammar. *Proceedings of FEAST2020 Online*; FEAST Organizing Committee; pp. 35-36.
 3. Duane K. Dougal and Deryle W. Lonsdale (2020). Improving NMT Quality Using Terminology Injection. *Proceedings of the 12th Conference on Language Resources and Evaluation (LREC 2020)*; European Language Resources Association (ELRA); Marseille, France; pp. 4820-4827.
 4. J. Adam Fidler and Deryle W. Lonsdale (2019). A Japanese Accent Database for L2 Learners. *New Sounds 2019: Proceedings of the 9th International Symposium on the Acquisition of Second Language Speech*; Waseda University, Japan; p. 55.
 5. Erik Arnold and Deryle Lonsdale (2019). Using Eye Tracking to Examine Morphological Features and Working Memory Capacity in Agreement Processing. In: *A.K. Goel, C.M. Seifert, & C. Freksa (Eds.)*, *Proceedings of the 41st Annual Conference of the Cognitive Science Society (CogSci 2019)*; Cognitive Science Society; p. 3401.
 6. Michael Grant White and Deryle W. Lonsdale (2019). Verbs in Egyptian Arabic: a case for register variation. In: *Mahmoud El-haj, Paul Rayson, Eric Atwell, and Lama Alsudias (Eds.)*, *Proceedings of the 3rd Workshop on Arabic Corpus Linguistics (WACL-3)*; ACL Anthology W19-5608; Association for Computational Linguistics, pp. 60-71. ISBN 978-1-950737-32-1.
 7. Scott N. Woodfield, Deryle W. Lonsdale, Stephen W. Liddle, Tae Woo Kim and David W. Embley (2016). Pragmatic Quality Assessment for Automatically Extracted Data. In: *Isabelle Comyn-Wattiau, Katsumi Tanaka, Il-Yeol Song, Shuichiro Yamamoto, Motoshi Saeki (Eds.)*, *Conceptual Modeling: Proceedings of the 35th International Conference on Conceptual Modeling (ER 2016)*; Lecture Notes in Computer Science Vol. 9974; Springer International Publishing; pp. 212-220. ISBN 978-3-319-46396-4.
 8. Deryle Lonsdale (2015). A Snohomish telling of 'The Seal Hunters'. In: *Natalie Weber, Erin Guntly, Zoe Lam, and Sihwei Chen (Eds.)* *Papers for the Fiftieth International Conference on Salish and Neighbouring Languages (ICSNL-50)*, University of British Columbia Working Papers in Linguistics, Volume 40; pp. 363-372.
 9. Peter Lindes, Deryle Lonsdale, and David Embley (2015). Ontology-based Information Extraction with a Cognitive Agent. *Proceedings of the Twenty-Ninth Conference on Artificial Intelligence by the Association for the Advancement of Artificial Intelligence (AAAI 2015)*, pp. 558-564; AAAI Press, Palo Alto, CA; ISBN 978-1-57735-698-1.
 10. Kevin Black, Eric Ringger, Paul Felt, Kevin Seppi, Kristian Heal and Deryle Lonsdale (2014). Evaluating Lemmatization Models for Machine-Assisted Corpus-Dictionary Linkage; In: *N. Calzolari, K. Choukri, T. Declerck, H. Loftsson, B. Maegaard, J. Mariani, A. Moreno, J. Odijk and S Piperidis (Eds.)*, *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14)*, pp. 3798-3805; European Language Resources Association (ELRA); ISBN 978-2-9517408-8-4.
 11. Deryle Lonsdale and Carl Christensen (2014). Combining elicited imitation and fluency features for oral proficiency measurement; In: *N. Calzolari, K. Choukri, T. Declerck, H. Loftsson, B. Maegaard, J. Mariani, A. Moreno, J. Odijk and S Piperidis (Eds.)*, *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14)*, pp. 1956-1961;

- European Language Resources Association (ELRA); ISBN 978-2-9517408-8-4.
12. Deryle Lonsdale and Benjamin Millard (2014). Student achievement and French sentence repetition test scores; In: *N. Calzolari, K. Choukri, T. Declerck, H. Loftsson, B. Maegaard, J. Mariani, A. Moreno, J. Odijk and S Piperidis (Eds.)*, Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14) , pp. 2719-2725; European Language Resources Association (ELRA); ISBN 978-2-9517408-8-4.
 13. Deryle Lonsdale (2014). Listening to the architecture; Proceedings of JGC60: A Celebration of the Life and Work of Jaime G. Carbonell; Carnegie Mellon University.
 14. Hitokazu Matsushita and Deryle Lonsdale (2014); Using simulated speech to assess learner Japanese oral proficiency; In *(Jeffrey Connor-Linton and Luke Wander Amaroso (Eds.): Measured Language: Quantitative Studies of Acquisition, Assessment, and Variation; Selected proceedings from the Georgetown University Roundtable (GURT 2012); pp. 171-182; Georgetown University Press; ISBN: 978-1-62616-037-8.*
 15. Peter Lindes, Deryle Lonsdale, and David W. Embley (2014). Finding Genealogy Facts with Linguistic Analysis; Proceedings of the 14th Family History Technology Workshop, Brigham Young University.
 16. Deryle Lonsdale and Hitokazu Matsushita (2013). Modeling speech errors by analogy. In: *(Robert L. West & Terrence C. Stewart (Eds.))* Proceedings of the 12th International Conference on Cognitive Modeling (ICCM 2013), Cognitive Science Society, pp 17-22.
 17. Deryle Lonsdale, Jeremiah McGhee, Nathan Glenn, Seth Wood, and Tory Anderson (2013). Semantic memory for syntactic disambiguation. In: *(Robert L. West & Terrence C. Stewart (Eds.))* Proceedings of the 12th International Conference on Cognitive Modeling (ICCM 2013), Cognitive Science Society, pp. 378-383.
 18. Deryle Lonsdale et Yvon Le Bras (2013). Confection d'un corpus pour un nouveau dictionnaire de fréquence du français; In *(Geoffrey Williams (Ed.))* Texte et Corpus, Vol. 4: Actes des sixièmes Journées Internationales de Linguistique de Corpus, pp. 157-164. Equipe LiCoRN – Laboratoire HCTI, ISSN 1958-5306.
 19. Peter Lindes, Deryle Lonsdale, and David W. Embley (2013). OntoSoar: Using Language to Find Genealogy Facts. In: Proceedings of the Family History Technology Workshop, RootsTech. BYU Department of Computer Science.
 20. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale, Joseph S. Park, Byung-Joo Shin, and Andrew Zitzelberger (2012). Cross-Language Hybrid Keyword and Semantic Search; In *(Paolo Atzeni, David Cheung, and Sudha Ram (Eds.))* Proceedings of the 31st International Conference on Conceptual Modeling (ER 2012), Lecture Notes in Computer Science Vol. 7532, Springer Verlag; pp. 190-203, ISBN 978-3-642-34001-7.
 21. Eve Okura and Deryle Lonsdale (2012). Working memory's meager involvement in sentence repetition tests. In N. Miyake, D. Peebles, & R.P. Cooper (Eds.), Proceedings of the 34th Annual Conference of the Cognitive Science Society (pp. 2132-2137). Austin, TX: Cognitive Science Society.
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 23. Hitokazu Matsushita and Deryle Lonsdale (2012). Item Development and Scoring for Japanese Oral Proficiency Testing. In *(Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Mehmet Uğur Doğan, Bente Maegaard, Joseph Mariani, Jan Odijk, and Stelios Piperidis, Eds.)* Proceedings of the Eighth International Conference on Language Resources and Evaluation (LREC '12), European Language Resources Association (ELRA); pp. 2682-2689, ISBN

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24. Nathan Ellis Rasmussen and Deryle Lonsdale (2012). Lexical Correspondences Between the Masoretic Text and the Septuagint. In (Eric Atwell, Claire Brierley, and Majdi Sawalha, Eds.) Proceedings of the LREC 2012 LRE-Rel Workshop on Language Resources and Evaluation for Religious Texts, European Language Resources Association (ELRA); pages 58-64.
 25. Deryle W. Lonsdale, David W. Embley, Stephen W. Liddle, and Joseph Park (2012). Extracting information from French obituaries. Proceedings of RootsTech 2012 Family History Technology Workshop (4 pages).
 26. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale and Yuri Tijerino (2011). Multilingual Ontologies for Cross-Language Information Extraction and Semantic Search. Lecture Notes in Computer Science, 2011, Volume 6998, Conceptual Modeling – ER 2011, pages 147-160.
 27. David W. Embley, Stephen W. Liddle and Deryle W. Lonsdale (2011). Principled Pragmatism: A Guide to the Adaptation of Ideas from Philosophical Disciplines to Conceptual Modeling. Lecture Notes in Computer Science, 2011, Volume 6999, Advances in Conceptual Modeling. Recent Developments and New Directions, Pages 183-192.
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 30. Deryle Lonsdale and Carl Christensen. (2011). Automating the scoring of elicited imitation tests. Proceedings of the ACL-HLT/ICML/ISCA Joint Symposium on Machine Learning in Speech and Language Processing. (5 pages). [On-line publication here.](#)
 31. Deryle Lonsdale, Jeremiah McGhee, Tory Anderson, and Nathan Glenn. (2011). Resolving a syntactic ambiguity type with semantic memory. In *Proceedings of the 20th Conference on Behavior Representation in Modeling and Simulation (BRIMS)*, pp. 288-289.
 32. David W. Embley, Stephen W. Liddle, Deryle W. Lonsdale, Aaron Stewart, and Cui Tao. (2010). KBB: A Knowledge-Bundle Builder for Research Studies; In: (J. Trujillo, G. Dobbie, H. Kangassalo, S. Hartmann, M. Kirchberg, M. Rossi, I. Reinhartz-Berger, E. Zimányi, & F. Frasincar, Eds) *Advances in Conceptual Modeling---Applications and Challenges*; Proceedings of the ER2010 Workshops ACM-L, CMLSA, CMS, DE@ER, FP-UML, SeCoGIS, WISM; Lecture Notes in Computer Science 6413, Springer-Verlag. Berlin; pp. 148-159; ISBN 978-3-642-16384-5.
 33. Hitokazu Matsushita, Deryle Lonsdale, and Dan Dewey (2010). Japanese Elicited Imitation: ASR-based Oral Proficiency Test and Optimal Item Creation. In: (*George R.S. Weir & Shin'ichiro Ishikawa, Eds.*) *Corpus, ICT, and Language Education*, pp. 161-172, U. of Strathclyde Publishing, ISBN 978-0-947649-76-0.
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 35. Marc Carmen, Paul Felt, Robbie Haertel, Deryle Lonsdale, Peter McClanahan, Owen Merklings, Eric Ringger and Kevin Seppi (2010). Tag Dictionaries Accelerate Manual Annotation; In (*N. Calzolari, K. Choukri, B. Maegaard, J. Mariani, J. Odijk, S. Piperidis, M. Rosner, and D. Tapias, Eds.*) *Proceedings of the 7th Conference on International Language Resources and Evaluation (LREC '10)*; European Language Resources Association (ELRA): Valetta, Malta; pp. 1660-1664; ISBN 2-9517408-6-7.

36. Carl Christensen, Ross Hendrickson, and Deryle Lonsdale (2010). Principled Construction of Elicited Imitation Tests; In (*N. Calzolari, K. Choukri, B. Maegaard, J. Mariani, J. Odijk, S. Piperidis, M. Rosner, and D. Tapias, Eds.*) *Proceedings of the 7th Conference on International Language Resources and Evaluation (LREC '10)*; European Language Resources Association (ELRA): Valetta, Malta; pp. 233-238; ISBN 2-9517408-6-7.
37. Deryle W. Lonsdale, David W. Embley, and Stephen W. Liddle (2010). Ontologies for Multilingual Extraction. *Proceedings of the World Wide Web (WWW) Conference's 1st International Workshop on the Multilingual Semantic Web (MSW 2010)*, P. Buitelaar, P. Cimiano, and E. Montiel-Ponsoda (Eds.), CEUR Workshop Proceedings, Vol. 571, pp. 1-4, ISSN 1613-0073.
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 63. The Use of Speech Technologies in Developing Communicative Learning Activities, 15th International Symposium and Book Fair on English Teaching; Taipei, Taiwan. November, 2006. [co-authors: C. Ray Graham and Jeremiah McGhee]
 64. Embodying a Cognitive Model in a Mobile Robot; International Society for Optical Engineering (SPIE) Conference on Intelligent Robots and Computer Vision XXIV: Algorithms, Techniques, and Active Vision Session on Visualization, Modeling, and Human Interaction in Intelligent Robots, Boston, MA. October, 2006. [co-authors: D. Paul Benjamin and Damian Lyons] [invited paper]
 65. Unifying language modeling capabilities for flexible interaction; Workshop Dialogue on Dialogue, International Conference on Spoken Language Processing; Pittsburgh, PA. September 2006. [co-author: Rebecca Madsen]
 66. Exploring Lushootseed morphology and syntax. 41st International Conference on Salish and Neighbouring Languages; University of Victoria, Victoria, BC, Canada. August 2006.
 67. Learning in minimalism-based language modeling; 28th Annual Conference of the Cognitive Science Society; Vancouver, BC, Canada. July 2006.
 68. Modeling Russian verbs of motion: an analogical account; Proceedings of the 28th Annual Conference of the Cognitive Science Society; Vancouver, BC, Canada. July 2006. [co-author: Inna Danielyan Dodge]
 69. Formulating queries for assessing clinical trial eligibility; 11th International Conference on Applications of Natural Language to Information Systems; Alpen-Adria University, Klagenfurt, Austria. June 2006. [co-authors: Clint Tustison, Craig Parker, David W. Embley]
 70. A link grammar parser for Lushootseed; 40th International Conference on Salish and Neighboring Languages; Musqueam Nation; Vancouver, BC, Canada. August 2005.
 71. Interactive task-based CALL; Foreign Language Education And Technology Conference (FLEAT-5),

- Brigham Young University, UT, August 2005 [*co-authors: Ray Graham and the BYU PSST Research Group*]
72. Natural Language Generation and the Use of Relational Information; Linguistics Association of Canada and the U.S., Dartmouth College, Hanover, NH; August 2005.
 73. A link grammar parser for Persian. First International Conference on Aspects of Iranian Linguistics; Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany; June 2005. [*co-author: Jon Dehdari*]
 74. Results in modeling SI from a cognitive perspective. Journée d'étude: Aspects cognitifs de l'interprétation simultanée (Workshop on Cognitive Aspects of Simultaneous Interpreting); Université de Toulouse-Le Mirail, Toulouse, France, May 2005.
 75. The effects of average F_0 and variance of F_0 on male vocal attractiveness to females. First International Pacific Voice & Speech Foundation / PIXAR Animation Studios Conference on Voice Quality; Emeryville, CA, March 2005. [*co-authors: David Riding and Bruce Brown*]
 76. Structured glossing of Lushootseed text. 39th International Conference on Salish and Neighboring Languages; Squamish Nation; Vancouver, BC, Canada. August 2004.
 77. ADAPT: A Cognitive Architecture for Robotics. International Conference on Conceptual Modeling, Carnegie Mellon University, Pittsburgh, PA, July 2004. [*co-authors: David Benjamin, Damian Lyons*]
 78. Combining learning approaches for incremental on-line parsing. International Conference on Conceptual Modeling, Carnegie Mellon University, Pittsburgh, PA, July 2004. [*co-author: Michael Manookin*]
 79. Integrating Perception, Language and Problem Solving in a Cognitive Agent for a Mobile Robot. International Conference on Autonomous Agents and Multiagent Systems (AAMAS), Columbia University, New York City, NY, July 2004. [*co-authors: David Benjamin, Deryle Lonsdale, Damian Lyons*]
 80. On-line ambiguity resolution, memory, and learning: A cognitive modeling perspective. Fourth International Conference on the Mental Lexicon; Windsor, Canada, July 2004. [*co-authors: Jarren Bodily, Jamison Cooper-Leavitt, Rudy Smith, Michael Manookin*]
 81. Expanding Tree Adjoining Grammar to create Junction Grammar trees; Seventh International Workshop on Tree Adjoining Grammars and Related Frameworks; Simon Fraser University, Vancouver, BC, Canada, May 2004. [*co-author: Ron Millett*]
 82. A two-level morphology engine for Western Armenian; Seventh International Conference on Armenian Linguistics/First International Conference on Modern Western Armenian; Ann Arbor, MI, October 2003. [*co-author: Inna Danielyan*]
 83. A memory-based approach to Cantonese tone recognition; 8th European Conference on Speech Communication and Technology (EuroSpeech); Geneva, Switzerland, September 2003. [*co-author: Michael Emonts*]
 84. Doing Lushootseed morphology by analogy. 38th International Conference on Salish and Neighboring Languages; Upper St'át'imc Nation; Lillooet, BC, Canada. August 2003.
 85. Modeling Stress in Salish Languages, Linguistic Association of Canada and the United States, University of Victoria, BC, Canada, August 2003.
 86. Automated Rating of ESL Essays, Workshop on Building Educational Applications with Natural Language Processing, Joint Conference on Human Language Technologies / North American Association for Computational Linguistics, Edmonton, Canada. May 2003. [*co-author: Diane Strong-Krause*]
 87. Interactive technologies and speech-based language learning, WorldCALL, Banff, Canada, May 2003. [*co-authors: Clint Tustison, Ray Graham*]
 88. Two-level Engines for Salish Morphology, European Association for Computational Linguistics, Workshop on Finite-State Methods in Natural Language Processing, Budapest, April 2003.
 89. Analogical Modeling: Background, theory, algorithm, and applications; Workshop on Statistical Language Processing; University of Bergen, Norway; September/October 2002. [*invited lecture series*]
 90. A Categorical Grammar fragment for Lushootseed; 37th International Conference on Salish and

- Neighboring Languages; Western Washington University, Bellingham, WA; August 2002.
91. An analogical model for Vedic cantillation; LACUS 2002; Toledo, OH; August 2002.
 92. A niche at the nexus: Situating an NLP curriculum interdisciplinarily; ACL 2002; Philadelphia, PA; July 2002.
 93. Peppering knowledge sources with SALT: Boosting conceptual content for ontology generation; AAI 2002; Edmonton, AB, Canada; July 2002.
 94. Automated Rating of ESL Essays; TESOL 2002; Salt Lake City, UT; April 2002. [*co-author: Diane Strong-Krause*]
 95. An Operator-based Account of Semantic Processing; European Summer School for Logic, Language, and Information; University of Helsinki, Finland; August 2001. [*co-author: C. Anton Rytting*]
 96. A Two-level Implementation for Lushootseed Morphology; 36th International Conference on Salish and Neighboring Languages; Sto:lo Nation, Chilliwack, BC, Canada; August 2001.
 97. Integrating WordNet with NL-Soar; NAACL Workshop on WordNet, Carnegie Mellon, Pittsburgh, PA; June 2001. [*co-author: C. Anton Rytting*]
 98. An Operator-based Integration of Comprehension and Production, Linguistic Association of Canada and the United States; Rice University, Houston, TX; July 2000.
 99. An Autosegmental Analysis of Cantonese Tone Sandhi; Twelfth North American Conference on Chinese Linguistics; San Diego State University; San Diego, CA, June 2000. [*co-author: Julia Kit-Ching Ho*]
 100. Leveraging Analysis Operators in Incremental Generation, Workshop on Analysis for Generation, International Conference on Natural Language Generation, Mitzpe Ramon, Israel, June 2000.
 101. Analogical Cloning and other NLP Applications of AML; Analogical Modeling of Language Conference; BYU, Provo UT; March 2000.
 102. AML Datasets Tutorial Session; Analogical Modeling of Language Conference; BYU, Provo UT; March 2000.
 103. An Architecture for Modeling Language Use; International Congress on Trends in Second Language Teaching and Learning; Carleton University, Ottawa, Canada; May 1998.
 104. A Cognitive Account of Simultaneous Interpretation; International Workshop on Interpretation Research; Ascona, Switzerland; January 1997. (invited presentation)
 105. Large-scale Machine Translation: An Interlingua Approach; Seventh International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems; Austin, TX; June 1994. [*co-authors: A. Franz and J. Leavitt*]
 106. Extraction d'un vocabulaire bilingue: outils et méthodes; Troisièmes Journées scientifiques: Lexicologie, Terminologie, Traduction; Université de Montréal, Montréal, Canada; October 1993.
 107. A Rationale for Interactive Translation; British Computer Society Conference; Cranfield Institute of Technology, Cranfield, England; 1984.

National

1. Update from the Y; Thirty-fifth Soar Workshop; University of Michigan, Ann Arbor, MI, June, 2015.
2. Listening to the architecture; JGC60: A Celebration of the Life and Work of Jaime G. Carbonell; Carnegie Mellon University, Pittsburgh, PA, April 2014.
3. Finding Genealogy Facts with Linguistic Analysis; 14th Workshop on Family History Technology; Brigham Young University, Provo, UT, March 2014. [*co-authors: Peter Lindes, David W. Embley*]
4. Syntactic complexity and sentence repetition test responses; Second Language Research Forum; Provo, UT, October 2013. [*co-authors: Jeremiah McGhee, Nathan Glenn, and Peter Lindes*]
5. Installing and running XNL-Soar; Thirty-third Soar Workshop; University of Michigan, Ann Arbor, MI, June 2013. [*co-author: Nathan Glenn*]
6. OntoSoar: Soar Finds Facts in Text; Thirty-third Soar Workshop; University of Michigan, Ann Arbor, MI, June 2013. [*co-authors: Peter Lindes and David Embley*]
7. Syntax Stories: Episodic Memory for Sentence Processing; Thirty-third Soar Workshop; University of

- Michigan, Ann Arbor, MI, June 2013. [*co-author: Tory Anderson*]
8. OntoSoar: Using Language to Find Genealogical Facts; RootsTech 2013 Family History Technology Workshop; Salt Lake City, UT. March 2012. [*co-authors: Peter Lindes, David W. Embley*]
 9. BOLT Activity E Year-end Evaluation; DARPA/NIST; SoarTech, Ann Arbor, MI. August 2012. [*co-authors: SoarTech and University of Michigan team members*]
 10. XNL-Soar: Where we're are and where we're headed; Thirty-second Soar Workshop; University of Michigan, Ann Arbor, MI, June 2012. [*co-authors: Jeremiah McGhee, Nathan Glenn, and Tory Anderson*]
 11. Using simulated speech to assess learner Japanese oral proficiency; Conference on Measured Language: Quantitative Approaches to Acquisition, Assessment, Processing, and Variation; Georgetown University, Washington, DC. March 2012 [*co-author: Hitokazu Matsushita*]
 12. Extracting information from French obituaries; RootsTech 2012 Family History Technology Workshop; Salt Lake City, UT. February 2012. [*co-authors: David W. Embley, Stephen W. Liddle, Joseph Park*]
 13. Soar Cognitive Adaptive Language-driven Engine (SCALE); DARPA BOLT Kick-off PI and Technology Exchange Meeting; Tampa, FL. October 2011. [*co-authors: Bob Bechtel, Glenn Taylor, Andy Dallas, Sam Wintermute, John Laird, Edwin Olson*]
 14. Robust Parsing and LG-Soar; Thirty-first Soar Conference; University of Michigan, Ann Arbor, MT; June 2011. [*co-author: Tory Anderson*]
 15. The XNL-Soar Sandbox; Thirty-first Soar Conference; University of Michigan, Ann Arbor, MT; June 2011. [*co-authors: Jeremiah McGhee, Nathan Glenn, and Tory Anderson*]
 16. Transcribing a Salish catechism into modern orthography; Conference on Endangered Languages and Cultures of Native America 2011; University of Utah, Salt Lake City, UT. April 2011.
 17. Resolving a syntactic ambiguity type with semantic memory. 20th Conference on Behavior Representation in Modeling and Simulation (BRIMS), Sundance, UT. March 2011. [*co-authors: Jeremiah McGhee, Tory Anderson, and Nathan Glenn*]
 18. Christian Prayers in a Salish Language: Transcription and Analysis; Conference on Endangered Languages and Cultures of Native America 2010; University of Utah, Salt Lake City, UT. April 2010. [*co-author: Dawn Bates*]
 19. Update on Soar 9 and Sentence Processing; Twenty-ninth Soar Conference; University of Michigan, Ann Arbor, MI; June 2009. [*co-authors: Jeremiah McGhee and Ross Hendrickson*].
 20. Another Telling of "The Seal Hunters"; Conference on Endangered Languages and Cultures of Native America (CELCNA 2009); University of Utah, Salt Lake City, UT, March 2009.
 21. Methods of Scoring Elicited Imitation Items: an Empirical Study; American Association for Applied Linguistics (AAAL 2009); Denver, CO; March 2009. [*co-authors: Dan P. Dewey, Jeremiah McGhee, Aaron Johnson, and Ross Hendrickson*].
 22. Improving Automated Oral Testing: Identifying Features and Enhancing Speech Recognition; CALICO Pre-Conference Workshop on Automatic Analysis of Learner Language (AALL '09); Arizona State University, Phoenix, AZ; March 2009. [*co-authors: Jeremiah McGhee, Aaron Johnson, Ross Hendrickson, Meghan Eckerson, Malena Weize, Ben Millard, Ray Graham, and Dan Dewey*]
 23. The Use of NLP Technologies to Engineer Oral Proficiency Test Items; CALICO Pre-Conference Workshop on Automatic Analysis of Learner Language (AALL '09); Arizona State University, Phoenix, AZ; March 2009. [*co-author: Ross Hendrickson*]
 24. LG-Soar and (X)NL-Soar revisited; Twenty-eighth Soar Conference; University of Michigan, Ann Arbor, MI; May 2008.
 25. Forced Alignment for a Morphologically Rich Endangered Language; Conference on Endangered Languages and Cultures of Native America (CELCNA 2008); University of Utah, Salt Lake City, UT, March 2008.
 26. Scoring an Oral Language Test Using Automatic Speech Recognition; Workshop on Automatic Analysis of Learner Language, CALICO with IALLT 2008, San Francisco, CA. March 2008. [*co-authors: Ray Graham, Casey Kennington, Aaron Johnson, and Jeremiah McGhee*]

27. Compiling and Annotating a Corpus for Syriac; American Association for Corpus Linguistics 2008; Brigham Young University, Provo, UT. March 2008. [co-authors: Kristian Heal, Carl Griffin, Eric Ringger, Peter McClanahan, Marc Carmen, James Carroll, and Joshua Heaton]
28. Accelerating Corpus Annotation through Active Learning; American Association for Corpus Linguistics 2008; Brigham Young University, Provo, UT. March 2008. [co-authors: Eric Ringger, et al.]
29. Developing a Corpus for a Morphologically Rich, Endangered Language; American Association for Corpus Linguistics 2008; Brigham Young University, Provo, UT. March 2008. [co-author: Dawn Bates]
30. Compiling a new French frequency dictionary, American Association for Corpus Linguistics 2008; Brigham Young University, Provo, UT. March 2008. [co-authors: Yvon Le Bras, Amy Berglund, and Fritz Abélard].
31. Automated Scoring of ESL Essays using Linguistic Maturity Variables; CALICO conference 2007; Texas State University, San Marcos, TX. May 2007. [co-author: Ron Millett]
32. Update on NL-Soar and XNL-Soar; Twenty-seventh Soar Conference; University of Michigan, Ann Arbor, MI; May 2007.
33. Segmental phonemes compared to acoustical supra-segmental properties as mediators of dialectal differences in the pronunciation of Farsi names. American Name Society, Linguistic Society of America, Anaheim, CA, January 2007. [co-authors: Bruce Brown, Hooshang Farahnakian, Mary Farahnakian, David Gardner, Matthew Spackman]
34. Developing a Cognitive Architecture to be Embedded in the Physical World. SISO Conference on Behavior Representation in Modeling and Simulation (BRIMS); Baltimore, MD. May 2006. [co-authors: D. Paul Benjamin and Damian Lyons]
35. Update on Soar-based language processing. Twenty-sixth Soar Conference; University of Michigan, Ann Arbor, MI; May 2006.
36. Building a morphosyntactic database. Second Conference on Endangered Languages and Cultures of Native America 2006, University of Utah, UT. April 2006.
37. An incremental minimalist parser; 19th Annual CUNY Conference on Human Sentence Processing; CUNY Graduate Center, New York, NY, March 2006. [co-authors: Jamison Cooper-Leavitt, Warren Casbeer, Rebecca Madsen & LaReina Hingson]
38. A link grammar parser for Arabic; 20th Annual Symposium on Arabic Linguistics, Western Michigan University, Kalamazoo, MI, March 2006. [co-authors: Warren Casbeer, Jon Dehdari]
39. Collateral Anthroponomastic Information in Han Chinese Names for the Identification of Geo-location and Gender. American Name Society, Linguistic Society of America, Albuquerque, NM, January 2006. [co-author: Bruce Brown]
40. Progress on NL-Soar, and Introducing XNL-Soar; Twenty-fifth Soar Conference; University of Michigan, Ann Arbor, MI; June 2005. [co-authors: Jamison Cooper-Leavitt and Warren Casbeer]
41. Deploying Lushootseed lexical resources; Conference on Endangered Languages and Cultures of Native America (CELCNA), University of Utah, Salt Lake City, UT; April 2005. [co-author: Dawn Bates]
42. Designing a Robot Cognitive Architecture with Concurrency and Active Perception; Fall Symposium: The Intersection of Cognitive Science and Robotics: From interfaces to intelligence; American Association for Artificial Intelligence; Washington, DC, October 2004. [co-authors: D. Paul Benjamin and Damian Lyons]
43. Restructuring morphological output for best practices; E-MELD 2004 workshop on Databases and Best Practice; Detroit, MI; July 2004. [co-authors: Jarren Bodily, Hans Nelson]
44. Ongoing work on Soar linguistic applications; Twenty-fourth Soar Conference; University of Michigan, Ann Arbor, MI; June 2004.
45. Generating Medical Logic Modules for Clinical Trial Eligibility; American Medical Informatics Association Symposium; Washington, DC; November 2003. [co-authors: Craig Parker, David Embley, Clint Tustison]

46. NL-Soar Tutorial: Twenty-third Soar Conference; University of Michigan, Ann Arbor, MI; June 2003. [*co-author: Michael Manookin*]
47. NL-Soar Update; Twenty-third Soar Conference; University of Michigan, Ann Arbor, MI; June 2003.
48. Memory-based recognition of Cantonese syllables, North American Conference on Chinese Linguistics, East Lansing, MI. July 2003. [*co-author: Michael Emonts*]
49. Type-logical semantics for Salish, Workshop on American Indian Languages, UC Santa Barbara, CA, April 2003.
50. NL-Soar and LG-Soar: ongoing work; The Twenty-second Soar Conference; University of Michigan, Ann Arbor, MI; June 2002.
51. LG-Soar: Parsing for Information; The Twenty-first Soar Conference; University of Michigan, Ann Arbor, MI; May 2001. [*co-authors: Merrill Hutchison, Tim Richards, William Taysom*]
52. Information Structure and Hypertext Search Results; Information Doors---Workshop on Where Information Search and Hypertext Link, Association for Computing Machinery Hypertext and Digital Libraries Conferences; San Antonio, TX; May 2000. [*co-author: Matt Carmack*]
53. Integrating WordNet with NL-Soar; The Twentieth Soar Conference; USC Information Sciences Institute, Marina del Rey, CA, May 2000.
54. Analogical Modeling of Language in Soar; The Nineteenth Soar Conference; University of Michigan, Ann Arbor, MI; May 1999.
55. Modeling the SI Task; The Eighteenth Soar Conference; Vienna, VA; June 1998.
56. NL-Soar Generation Update; The Seventeenth Soar Conference; The Ohio State University, Columbus, OH; June 1997.
57. Cognitive Modelling of Simultaneous Interpretation; Colloque étudiant de linguistique informatique de Montréal; Université de Montréal, Montréal, QUE; June 1996.
58. Modelling Cognition in Simultaneous Interpretation; Conference of the Canadian Association for Applied Linguistics (CAAL/ACLA); University of Western Ontario, London, ONT; May 1996.
59. Generation and NL-Soar; The Fifteenth Soar Conference; Carnegie Mellon University, Pittsburgh, PA; September 1995.

Local/Regional

1. Flandin/Bertrand and the Translation of the Book of Mormon into French; Special Collections Lecture on the French Book of Mormon; BYU, Provo, UT; March 2017. [*introductory lecture for Royal Skousen's presentation on French conjectural emendations*]
2. Online Lushootseed Dictionary: Status Update; Sixth Annual Lushootseed Language Conference, Seattle University, Seattle, WA; April 2015.
3. Later rather than sooner: cognitive modeling of language use; Sixth Illinois Language and Linguistics Society Conference; University of Illinois, Champaign-Urbana, IL; April 2014 [*keynote*]
4. Update on the online Lushootseed Dictionary; Fifth Annual Lushootseed Language Conference, Seattle University, Seattle, WA; May 2014. [*keynote*]
5. The online Lushootseed Dictionary; Fourth Annual Lushootseed Language Conference, Seattle University, Seattle, WA; April 2013. [*keynote*]
6. Online dictionaries for Native American languages including Lushootseed; Third Annual Lushootseed Language Conference, Seattle University, Seattle, WA; April 2012. [*keynote*]
7. NLP research at BYU; Department of Linguistics & English Language Fall Linguistics Fair for Graduates and Undergraduates; BYU, Provo, UT; November 2011.
8. Not sharply pointed: Coast Salish language and culture; College of Humanities James L. Barker Lecture, BYU, Provo, UT; November 2011.
9. Endangered languages and Lushootseed geolinguistics; Provo Walden High School; November 2011. [*two sessions*]
10. Lushootseed language resources: tools for learning and teaching the language; Second Annual Lushootseed Language Conference, Seattle University, Seattle, WA; April 2011. [*keynote*]

11. Training session for North American Computational Linguistics Olympiad, Lehi High School; January 2011.
12. Finding Jobs in Linguistics; BYU Linguistics Graduate Student Association lecture; Provo, UT, November 2010.
13. Development of a New Malagasy-English Dictionary; Fourth Annual Utah Conference on Undergraduate Research, Southern Utah University, Cedar City, UT; February 2010. [*co-authors: Matthew T. Winterton, Chase Brimhall, Rasolo Miarisoa Harindranto*].
14. Improving automated oral testing: identifying features and enhancing speech recognition; Linguistic Association of the Southwest; Brigham Young University, Provo, UT; September 2009. [*co-authors: The BYU PSSST Research Group*].
15. Domain-Independent Data Extraction: Person Names; 9th Annual Family History Technology Workshop; BYU; Provo, UT, March 2009. [*co-author: Carl Christensen*]
16. A new canoe: Preserving and documenting Lushootseed; Tulalip Tribes; Tulalip Reservation; Marysville, WA, April 2008. [*co-author: Dawn Bates*]
17. A new canoe: Preserving and documenting an endangered Salish language; Department of Linguistics Research Lecture Series; BYU; Provo, UT, January 2008.
18. Research on Elicited Imitation as an Oral Language Proficiency Measure; Department of Linguistics Research Lecture Series; BYU, Provo, UT, October 2007. [*co-presenters: C. Ray Graham, Casey Kennington, Aaron Johnson, and Jeremiah McGhee*]
19. Raven and Little Mink; College of Humanities Foreign Language Theatre Festival; BYU, Provo, UT, March 2007.
20. Only a Change of Worlds; College of Humanities Foreign Language Theatre Festival; BYU, Provo, UT, March 2007. [*co-presenter: Emily Burnworth*] [*2 performances*]
21. A Cross Cultural Comparison of Four Generations of American, Brazilian, French, and German Male and Female First Names Categorized According to Gender, Decade of Birth and Geo-Location of Birth; 7th Annual Workshop on Technology for Family History and Genealogical Research; BYU; Provo, UT, March 2007. [*co-authors: Michael Jenkins, Tristan Roney, James Wuehler, Scott Irwin, Beate Kehl, Jessica Hancock, Leslie Koenen, Matthew Spackman, and Bruce Brown*]
22. Some Notes on Ethics and Linguistics; BYU Philosophy Club; Provo, UT, February 2007.
23. Exploring syllables, Romanization, and analogy in names; Family History Technology Workshop; BYU; Provo, UT, March 2006. [*also an invited panelist*]
24. Assessing geo-location and gender information in Han Chinese personal names; Family History Technology Workshop; BYU; Provo, UT, March 2006. [*co-author: Bruce Brown*]
25. Language Recognition Using Enhanced Linguistic Features as Knowledge Sources; Deseret Language and Linguistics Society Symposium; BYU; Provo, UT, March 2006. [*co-authors: Robbie Haertel, Nathan Ekstrom, Eric Ringger*]
26. Russian Verbs of Motion: An Analogical Modeling Approach; Deseret Language and Linguistics Society Symposium; BYU; Provo, UT, March 2006. [*co-author: Inna Dodge*]
27. XNL-Soar, incremental parsing, and the Minimalist Program; Deseret Language and Linguistics Society Symposium; BYU; Provo, UT, March 2006. [*co-authors: LaReina Hingson, Jamison Cooper-Leavitt, Warren Casbeer, and Rebecca Madsen*]
28. Concepts, ontologies, and Project TANGO; Instructional Psychology and Technology Seminar; BYU, Provo, UT, February 2006.
29. Concepts, ontologies, and Project TANGO; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, October 2005.
30. Transcription, transliteration, transduction, and translation: a typology of crosslinguistic name representation strategies; Fifth Family History Technology Workshop; Brigham Young University, Provo, UT, March 2005.
31. Enhancing CALL with speech technology; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2005. [*co-authors: Ben Chatterton, Eric Roundy, Rebecca Madsen, Robbie Haertel, C. Ray Graham*]

32. Unveiling XNL-Soar: Minimalism and incremental parsing; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2005. [*co-authors: Rebecca Madsen, Sandra Sommers, Warren Casbeer, LaReina Hingson, and Jamison Cooper-Leavitt*]
33. Leaves, links, and lambdas: leveraging low-level linguistics; Arizona State University, September 2004. [invited lecture]
34. An intelligent architecture for French language processing; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2004
35. Two-level finite-state processing for Western Armenian morphology; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2004 [*co-author: Inna Danielyan*]
36. Word Sense Disambiguation; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, February 2004.
37. Church Basic English; Church Office Building, Salt Lake City, UT, December 2003. [*co-authors: Gerrit Gong, Mark Davies, and Dee Gardner*]
38. Speech Processing Technology in Language Pedagogy; College of Humanities Fair; BYU, Provo, UT, August 2003. [*co-authors: Ray Graham and Clint Tustison*]
39. Language-independent named entity recognition and analogical modeling; 3rd Workshop on Technology for Family History and Genealogical Research; BYU, Provo, UT, April 2003. [*co-author: Deryl Hatch*]
40. NL-Soar: modeling language use; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, March 2003. [*co-authors: Thomas Packer, Mike Manookin, Jarren Bodily, Clint Tustison*]
41. The BYU Salish engines project; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2003.
42. Ontologically-based searching for jobs in linguistics; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2003.
43. Task-oriented, goal-directed interactive CALL activities; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2003. [*co-authors: Ray Graham, Aaron Jensen, Clint Tustison*]
44. The BYU NL-Soar project; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2003. [*co-authors: Jason Smith, Aaron Jensen, Jarren Bodily, Clint Tustison, Merrill Hutchison*]
45. NL-Soar and modeling language use; College of Humanities Fair; BYU, Provo, UT, August 2002. [*co-authors: Nick Stetich and Clint Tustison*]
46. What is linguistics? The core areas and applications; LDS Church Translation Department Seminar; BYU, Provo, UT, May 2002.
47. An interactive natural-language genealogy quiz engine; 2nd Workshop on Technology for Family History and Genealogical Research; BYU, Provo, UT, April 2002. [*co-authors: Aric Bills, Rebecca Rees, Merrill Hutchison, Clint Tustison, Nick Stetich, Mike Manookin, Hans Nelson*]
48. Interactive language-learning activities with animated agent and speech technologies; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, March 2002. [*co-authors: Ray Graham, Aric Bills, Rebecca Rees, Michael Rushforth, Clint Tustison, Jon Dehdari*]
49. Linguistics Conference Presentations; BYU Linguistics Graduate Student Association lecture; Provo, UT, February 2002.
50. Deryle Lonsdale (2001). Linguistics for Non-linguists; LDS Church Translation Department Seminar; BYU, Provo, UT, September 2001.
51. Speech Technology-Enhanced Language Pedagogy; University Conference Scholarship Showcase; BYU, Provo, UT, August 2001. [*co-author: Ray Graham*]
52. Natural Language Generation; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, April 2001.
53. An Integrated System for Processing Information from Genealogical Text; Workshop on Technology for Family History and Genealogical Research; BYU, Provo, UT, March 2001. [*co-authors: Merrill Hutchison, Tim Richards, William Taysom*]

54. A Speech Interface to Genealogical Data; Workshop on Technology for Family History and Genealogical Research; BYU, Provo, UT, March 2001.
55. An NLP System for Extracting and Representing Knowledge from Abbreviated Text; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2001. [*co-authors: Merrill Hutchison, Tim Richards, William Taysom*]
56. Improving Speech Recognition for a Communicative CALL Task; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2001. [*co-authors: Mike Emonts, Michael Rushforth, Ray Graham*]
57. Recent Advances in Analogical Cloning; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2001.
58. A Morphological Engine for Lushootseed; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, March 2001.
59. Finding Funding (or: How to Get Paid to Do all this Fun Stuff); BYU Linguistics Graduate Student Association lecture, Provo, UT, December 2000.
60. Natural Language Processing at BYU; Annual College of Humanities Fair; BYU, Provo, UT; August 2000.
61. NL-Soar: Modeling Language Use; Deseret Language and Linguistics Society Symposium; BYU, Provo, UT, April 2000.
62. Not Sharply Pointed: the Lushootseed Language; World Languages Week; BYU, Provo UT; March 2000.
63. NLP at BYU; College of Humanities Center for Language Studies Colloquium Series; BYU, Provo, UT, November 1999.
64. Some NLP Applications of Analogical Modeling; Deseret Language and Linguistics Symposium; BYU, Provo, UT; February 1999.
65. Beyond All Description: Affectivity and Superlatives; Deseret Language and Linguistics Symposium; BYU, Provo, UT; February 1999.
66. Who is "him"? Resolving discourse referents; Deseret Language and Linguistics Symposium; BYU, Provo, UT, April 1998.
67. A Semantic Account of Superlatives; Formal Language Society of Midamerica VII; The Ohio State University; Columbus, OH; May 1996.
68. Building a KANT Target-language Generation System; Center for Machine Translation Seminar; CMU, Pittsburgh, PA; May 1994.
69. Another Book of Mormon Hebraism? Deseret Language and Linguistics Symposium; BYU, Provo, UT; March 1989.
70. Reaccenting French Text; Deseret Language and Linguistic Symposium; BYU, Provo, UT; 1988.
71. La Traduction Automatique et Automatisée; Congrès de l'Association des Traducteurs et Interprètes de l'Ontario; Ottawa, Canada; 1981.

Funded Research and Awards (since 1998)

1. Enhancing lexical resources for BC First Nations languages
(received Social Sciences and Humanities Research Council of Canada October 2014 Insight grant #435-2015-1694)
2015-2016
(*PI, co-PI's, collaborators: Henry T. Davis, Margaret Seguin Anderson, Jason C. Brown, Peter William Jacobs, Lisa C. Matthewson, Marilyn Napoleon, Suzanne C. Urbanczyk, Betty Wilson, Rachel S. Wojdak*)
2. An Ontology-driven Web Reading Agent
(received BYU Mentoring Environments Grant)

2013-2014

(co-PI's: David Embley and Stephen Liddle)

3. DARPA BOLT Activity E: Grounded Language Acquisition
SoarTech development team consultant
2011-2012
4. James L. Barker Lectureship
College of Humanities
2011-2012
5. English Language in Britain Study Abroad
Summer Term 2010
(co-Director: Cynthia Hallen)
6. Multilingual Extraction Ontologies
(received BYU Mentoring Environments Grant)
2010-2011
(co-PIs: David Embley and Stephen Liddle)
7. Developing a computer adaptive speaking test using elicited imitation.
(received BYU Mentoring Environments Grant)
2008-2010
(co-PI: Ray Graham)
8. A New Canoe: Developing Lushootseed Language Resources
(Faculty Development Leave)
Winter 2008
9. Ludwig-Weber-Siebach Professorship
College of Humanities
2007-2012
10. Updating Father Chirouse's Lushootseed Word List
(BYU Kennedy Center faculty international conference travel grant)
March 2007
11. Cross-Cultural Comparisons of Name Ontologies
(received BYU ORCA Mentoring Environment Grant)
2006-2007
(co-PI's: Bruce Brown, Matt Spackman)
12. Developing an elicited imitation technique.
(received College of Humanities Mentoring Environment Grant)
2006-2007
(co-PI: Ray Graham)
13. Table Analysis for Semiautomatic Generation of Ontologies
(received National Science Foundation funding as NSF-CISE-IIS-0414644)
2005-2009
(other PI/co-PI names: D. W. Embley, Y. Ding, Y. Tijerino, G. Nagy)
14. Speech Technology and Language Pedagogy Project

(received BYU Mentoring Environments Grant)

2004-2005

(*co-PI: C. Ray Graham*)

15. The Pace Robotics Dialogue Engine

(received funding from Pace University CS Department)

2003-2004

(*collaborators: Paul Benjamin, Rebecca Rees*)

16. The Indonesian Interlinear Glossing Project

(received Church Translation Department funding)

2003

(*collaborators: Dan Higinbotham, Jarren Bodily*)

17. The BYU NL-Soar Project

(received BYU Mentoring Environments Grant)

January 2002

18. Target-Based Document-Independent Information Extraction

(received National Science Foundation funding as CISE-IDM-IIS-0083127)

April 2001-2005

(*other PI/co-PI names: D.W. Embley, D.M. Campbell, S.W. Liddle, Y.-K. Ng*)

19. SALT: Standards-Based Access to Multilingual Lexicons and Terminologies

(received European Union funding under IST/HLT 3.4.1)

August 1999

(*other PI/co-PI names: A. K. Melby, S. E. Wright, G. Budin*)

Patents

- Integrated authoring and translation system (U.S. Patents # 5,677,835, 6,139,201, and 6,163,785; October 14, 1997 - December 19, 2000)
- Computer-based method and system for monolingual document development (U.S. Patent # 5,995,920; November 30, 1999)

Courses Taught

- Ling 201 Introduction to Linguistics (Modern)
- Ling 230 Meaning in Language
- Ling 240 Linguistic Tools I
- Ling 320 Morphology
- Ling 330 Introduction to Linguistics
- Ling 332 Semantics
- Ling 361 Speech applications programming
- CHum 387 Programming Humanities Applications 2 (Parsing and grammar engineering)
- CHum 387 Programming Humanities Applications 2 (Speech applications programming) (aka LingC 361)
- Ling 440 Linguistic Tools II
- ELang 468 Varieties of English (English Language in Britain Study Abroad, Summer Term 2010)
- International and Area Studies 201R

- Ling 427 Phonology and Morphology
- Ling 430 Theoretical Syntax
- Ling 480 Problems in Translation
- Ling 521 Phonology
- Ling 535 Semantics
- Ling 580R Modeling of Language Use
- Ling 580R Language and Cognition
- Ling 581 Natural Language Processing (aka Computer Science 501R)
- Ling 590R Minimalism
- Ling 590R Biblical Hebrew Morphosyntax
- Ling 602 Structure of Language
- Ling 615 Analogical Modeling of Language
- Ling 652 Advanced Morphology (formerly Ling 580R Morphological Theory)
- Ling 653 Advanced Syntax (formerly Ling 630 Syntactic Theory)
- Ling 654 Advanced Semantics (formerly Ling 580R Formal Semantics)
- Ling 690 Seminar: Language, Cognition, and Cognitive Modeling

Thesis and Dissertation Committees

1. Plot Extraction and the Visualization of Narrative Flow (Michael A. DeBuse) 2021 [CS]
2. How Many Ways Can You Vocalize Emotion? Introducing an Audio Corpus of Acted Emotion (Logan Ricks Kowallis) 2021 [PhD dissertation, Psychology]
3. Ranking Aspect-Based Features in Restaurant Reviews (Jacob Ling Hang Chan) 2020 [chair]
4. Age-Suitability Prediction for Literature Using Deep Neural Networks (Eric R. Brewer) 2020 [CS]
5. Evidence for a Typology of Christ in the Book of Esther (L. Clayton Fausett) 2020 [chair]
6. Parsing an American Sign Language Corpus with Combinatory Categorical Grammar (Michael A. Nix) 2020 [chair]
7. Exploring the Relationship Between Vocabulary Scaling and Algorithmic Performance in Text Classification for Large Datasets (Wilson Fearn) 2019 [CS]
8. Yea, yea, nay, nay: Uses of the archaic, Biblical *yea* in the Book of Mormon (Michael De Martini) 2019
9. Verb Usage in Egyptian Movies, Serials, and Blogs: A Case for Register Variation (Michael Grant White) 2019 [chair]
10. Using Eye Tracking to Examine Working Memory and Verbal Feature Processing in Spanish (Erik William Arnold) 2019 [chair]
11. Contextual Scripture Recommendation for Writers (Joshua A Mathias) 2019 [MS, Computational Linguistics, University of Washington]
12. Improving the Quality of Neural Machine Translation Using Terminology Injection (Duane K. Dougal) 2018 [chair, CS]
13. Applying the Developmental Path of English Negation to the Automated Scoring of English Learner Essays (A. Travis Moore) 2018 [chair]
14. Wordplay Strategies Across Joke Schemas: A Corpus Based Study (Robert Crapo) 2018
15. A Latent Class Analysis of American English Dialects (Stephanie Hedges) 2017
16. Eye behavior while reading words of Sanskrit and Urdu origin in Hindi (Tahira Carroll) 2017 [chair]
17. Creole Genesis and Universality: Case, Word Order, and Agreement (Gerald T. Snow) 2017 [chair]
18. A Framework for Evaluating Recommender Systems (Michael G. Bean) 2016 [chair]
19. A Hybrid Approach to Cross-Linguistic Tokenization: Morphology with Statistics (Logan R. Kearsley) 2016 [chair]
20. Syriac Rhetorical Particles: Variable Second-Position Clitic Placement (Patrick Brendon Pearson) 2015 [chair]

21. A Corpus-Based Analysis of Russian Word Order Patterns (Stephanie Kay Billings) 2015 [*chair*]
22. Facilitating Corpus Annotation by Improving Annotation Aggregation (Paul Lewis Felt) 2015 [*PhD dissertation, CS*]
23. English to ASL Gloss Machine Translation (Mary Elizabeth Jouett Bonham) 2015 [*chair*]
24. Conditional Sentences in Egyptian Colloquial and Modern Standard Arabic: A Corpus Study (Randell Bentley) 2015
25. Establishing the Viability of the Multidimensional Quality Metrics Framework (Tyler A. Snow) 2015
26. An Intonational Description of Mayan Q'eqchi' (Karl Olaw Christian Wagner) 2014
27. OntoSoar: Using Language to Find Genealogy Facts (Peter Lindes) 2014 [*chair*]
28. Elicited Imitation Test for Brazilian Portuguese (Jarrett Finlinson Lever) 2014 [*BA honors thesis, advisor*]
29. The Effect of Age on Second Language Acquisition in Older Adults (Charisse Major) 2014
30. Automatic Readability Prediction for Modern Standard Arabic (Jonathan Forsyth) 2014 [*chair*]
31. A Diachronic Study of the Semantic Primes of Modern English (Karen Swan) 2013
32. Syntax Stories: Episodic Memory for Natural Language Processing with Soar (Tory Anderson) 2013 [*BA honors thesis, advisor*]
33. Areal Patterns of Possessive Morphology in the Languages of Eurasia (Garrett Nay) 2013
34. Developing and Validating a Spanish Elicited Imitation Test of Oral Language Proficiency for the Missionary Training Center (Carrie Thompson) 2013 [*PhD dissertation, IP&T*]
35. Nouns and Verbs in the Tagalog Mental Lexicon (Linda Walton) 2012.
36. A Corpus-based Evaluation of the Common European Framework Vocabulary for French Teaching and Learning (Françoise Kusseling) 2012 [*PhD dissertation, IP&T*]
37. Using a Cognitive Architecture in Incremental Sentence Processing (Jeremiah McGhee) 2012 [*chair*]
38. JXNL-Soar: Minimalist Parsing of Japanese in a Cognitive Modeling System (Nathan Glenn) 2012 [*BA honors thesis, chair*]
39. Fluency Features and Elicited Imitation as Oral Proficiency Measurement (Carl Christensen) 2012 [*chair*]
40. A Comparative Analysis of Text Usage and Composition in Goscinnny's "Le petit Nicolas", Goscinnny's "Astérix", and Albert Uderzo's "Astérix" (Dennis Meyer) 2012 [*French&Italian*]
41. A Study of Native Language and Morphological Order of Acquisition (Meghan Aitken) 2011
42. Computerized Oral Proficiency Test for Japanese: Measuring Second Language Speaking Ability with ASR Technology (Hitokazu Matsushita) 2011 [*chair*]
43. Oral Proficiency Assessment of French Using an Elicited Imitation Test and Automatic Speech Recognition (Benjamin Millard) 2011 [*chair*]
44. A Study of the Correlation Between Working Memory and Second Language EI Test Scores (Eve K. Okura) 2011 [*chair*]
45. PyALine: Automatically growing language family trees using the ALINE distance (Paul Huff) 2010 [*chair*]
46. Utilizing Human-Computer Interactions to Improve Text Annotation (Marc Armstrong Carmen) 2010 [*CS*]
47. Automatic Extraction from and Reasoning about Genealogical Records: A Prototype (Charla Woodbury) 2010 [*CS*]
48. Examining rater bias: An evaluation of possible factors influencing elicited imitation ratings (Minhye Son) 2010
49. Topicalization in Malagasy: Effects of Teaching Malagasy as a Topic Language (Jeremy David Workman) 2009 [*chair*]
50. Lexical Correspondences Between the Masoretic Text and the Septuagint (Nathan Ellis Rasmussen) 2009 [*chair*]
51. Toward a Virtual Teaching Assistant to Answer Questions Asked by Students in Introductory Computer Science (Cecily Heiner) 2009 [*PhD dissertation, CS, University of Utah*]
52. Ontology Generation, Information Harvesting and Semantic Annotation over the Hidden Web (Cui

- Tao) 2008 [*PhD dissertation, CS*]
53. Effects of Lexical Simplification and Elaboration on ESL Readers' Local-level Perceived Comprehension (Beth Brewer) 2008
 54. Semantic Role Labeling with Analogical Modeling (Warren Christopher Casbeer) 2008 [*chair*]
 55. Automating Mini-Ontology Generation from Canonical Tables (Stephen Lynn) 2008 [*CS*]
 56. MayanWiki: An Online, Consensus-based Linguistic Corpus of the Mayan Hieroglyphics (Robbie A. Haertel) 2007
 57. A Frequency Dictionary of Arabic Newsprint (Stephen C. Mouritsen) 2007
 58. Serial Verb Constructions in Hmong: Resultatives and Consequentials (Jamison Cooper-Leavitt) 2006 [*chair*]
 59. Generating Paraphrases with Greater Variation Using Syntactic Phrases (Rebecca Madsen) 2006 [*CS*]
 60. Automatic Holistic Scoring of ESL Essays using Linguistic Maturity Variables (Ronald P. Millett) 2006 [*chair*]
 61. Crossing Dependencies in Persian (Jonathan Dehdari) 2006 [*chair*]
 62. Oral Non-manual Signals in American Sign Language at the Lexical Level with Emphasis in Onomatopoeia (LaReina Hingson) 2006 [*chair*]
 63. Ontology-based Free-form Query Processing for the Semantic Web (Mark Vickers) 2006 [*CS*]
 64. Russian Verbs of Motion: An Analogical Modeling Approach (Inna Danielyan Dodge) 2006 [*chair*]
 65. Surface Realization Using a Featurized Syntactic Statistical Language Model (Thomas L. Packer) 2006 [*CS*]
 66. Generating Medical Logic Modules for Clinical Trial Eligibility (Craig Gerold Parker) 2005 [*CS*]
 67. Analogical Modeling of pronunciation: Vowels in English monosyllables (Nathan Rasmussen) 2005 [*BA honors thesis, chair*]
 68. The Effects of Lexical Simplification on ESL Learners' Perceived Reading Comprehension (Elizabeth Cramer) 2005 [*TESOL*]
 69. Target-Dominant Chinese-English Machine Translation (Dan Su) 2004 [*CS*]
 70. Logical Form Identification for Medical Clinical Trials (Clint Tustison) 2004 [*chair*]
 71. Cebuano Locative and Benefactive Voice Constructions: A Preposition Incorporation Analysis (Jarren Bodily) 2004 [*chair*]
 72. A Two-level Engine for Tagalog Morphology and a Structured XML Output for PC-Kimmo (Hans Nelson) 2004 [*chair*]
 73. Creating a Spanish Treebank (Michael D. Rushforth) 2003
 74. Source Discovery and Schema Mapping for Data Integration (Li Xu) 2003 [*PhD dissertation, CS*]
 75. Semiautomatic Generation of Resilient Data-Extraction Ontologies (Yihong Ding) 2003 [*CS*]
 76. True Oral Interaction in Technology-Assisted Language Learning (Tracy Lyn Woods) 2003
 77. Retrieving Information from Tables in Chinese HTML Documents Using a Chinese Query Language (Lihua Zhang) 2002 [*CS*]
 78. Memory-Based Tone Recognition of Cantonese Syllables (Michael Emonts) 2002 [*chair*]
 79. Mapping Target Schemas to Source Schemas using WordNet Hierarchies and Structure Context (David Jackman) 2002 [*CS*]
 80. Investigating Dialogue Managers: Building and Comparing FSA Models to BDI Architectures, and the Advantages to Modeling Human Cognition in Dialogue (Rebecca Rees) 2002 [*BS honors thesis; chair*]
 81. The Effects of Pitch and Intonation on Male Vocal Attractiveness (David Robert Riding) 2002 [*BA honors thesis; referee*]
 82. Nauruan Classifiers (Lisa M. Johnson) 2002
 83. Effects of Genre on the Reading-Writing Relationship for Second Language Learners (Susan Sheppard Blanco) 2001 [*TESOL*]
 84. Motivating Translation Versions: Differences in European and Mexican Spanish (Rosa de la Fuente) 2001
 85. Analogical Modeling of Finnish Nominals (Jari Vesterinen) 2000
 86. Identification of temporal phrases in natural language (Robert W. Lyon) 2000 [*CS*]

87. The Tagalog Prefix *Ma-* as Peircean Firstness of Secondness (Laura L. B. Clarito) 2000
88. Telos in the Poetic Function (Nathan Pomeroy) 2000
89. The Inducement of Student Errors as a Technique for Teaching Exceptions to Grammar Rules (Karina Burgos) 2000 [TESOL]
90. Semantic Class Disambiguation in Natural Language Soar (C. Anton Rytting) 2000 [BA honors thesis, chair]
91. Retrieving Terminological Information: A structured text approach vs. a relational database approach (Edward M. Watts) 2000
92. One Tonology with Two Approaches: A Traditional Phonological Approach and a New Semiotic Perspective with Evidence from Mandarin (Kit-Ching Julia Ho) 2000 [chair]
93. Lexical Stress in Bulgarian (Valentina Vladimirova Brown) 2000 [chair]
94. A Sentence Boundary Detection System (Wendy Chen) 2000 [CS]
95. Technical Information Types: A Peircean Analysis (Matthew E. Carmack) 2000
96. Improving Text Classification by Using Conceptual and Contextual Features (Lee S. Jensen) 2000 [CS]
97. The Structure of Expressions of Gratitude by Native and Nonnative English Speakers (Wei-ly Liu) 1999
98. A Historical Summary of the Unz Initiative (Marianne Hansen) 1999 [TESOL]
99. Suprasegmentals' Impact on Perceived Comprehensibility: A Study Comparing the Effect of Stress, Pausing, and Pitch on Native English Speakers' Perceptions of Nonnative English Speakers' Comprehensibility (Deborah Smith Carlston) 1999 [TESOL]
100. An Experiment in Blind Terminology Interchange: Developing and Testing Conversion Algorithms for Externally Supplied Data (Aaron D. Alder) 1998

Other Professional Activities

- Church Basic English project (*collaborators: Gerrit Gong, Mark Davies, Dee Gardner*).
- Reviewer: External reviewer for faculty rank promotion (2008)
- Program Committee Member: International Conference on Applications of Natural Language to Information Systems (NLDB, 2006-2014, 2016-2021).
- Board of Directors Member: Linguistic Association of Canada and the United States (2006-2009, 2019-current).
- Board Member, Soar Consortium (2005-2008).
- Program Committee Member: Workshop on Technology for Family History and Genealogy / RootsTech (BYU, 2001-2003, 2007-2009, 2012-2019).
- Program Committee Member: 2021 Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2021): 5th Workshop on Teaching NLP
- Program Committee Member: Workshop on Language Resources and Evaluation for Religious Texts (2014)
- Peer Reviewer for Submissions to:
 - Institute of Electrical and Electronics Engineers (IEEE) Explore (2018). [journal]
 - Computer Methods and Programs in Biomedicine (2016).
 - International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS) (2016-2019).
 - German Linguistics Annual Conference (2015).
 - Journal on Data Semantics (2015).
 - Springer Nature (2021).
 - International Workshop on Document Analysis Systems (2015).
 - American Association for Artificial Intelligence (AAAI) Cognitive Systems track (CogSys) (2015).
 - Interpreter: A Journal of Mormon Scripture (2014).

- Canadian Modern Language Review (2014)
- Language Learning (2014) [journal].
- Papers of the Algonquian Conference (2013).
- Journal of Web Semantics (2011, 2012).
- Journal of Human Robot Interaction (2012).
- Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO, 2011).
- Language Resources and Evaluation journal (2009, 2010, 2011, 2012, 2015).
- Maryland Industrial Partnerships MTECH Business Plan (2009, 2010).
- Information Technology and Management journal (2010).
- Perception (2010) [journal].
- Linguistic Discovery (2010) [journal].
- American Association for Corpus Linguistics (AACL 2008, 2010).
- International Conference on Conceptual Modeling (ER 2009).
- Cognitive Systems Research (2010) [journal].
- Computational and Mathematical Organization Theory (CMOT 2009)
- International Conference on Language Resources and Evaluation (LREC, 2008-2020).
- Behavioral Research in Modeling and Simulation (BRIMS, 2009, 2013-2015).
- International Conference on Cognitive Modeling (ICCM 2007, 2009).
- Data Knowledge and Engineering (DKE 2008, 2016).
- 20th International Conference on Advanced Information Systems Engineering (CAiSE '08).
- Journal of Information Systems (2006).
- BYU ORCA Undergraduate Humanities (2006).
- U.S. National Science Foundation proposal reviewer, Behavioral and Cognitive Sciences (2006-2008, 2011, 2015).
- Human Language Technology / North American Association for Computational Linguistics (HLT/NAACL 2007)
- European Summer School on Logic, Language, and Information (ESSLLI 2005).
- Association for Computational Linguistics (ACL 1996, 2003, 2013).
- Terminology and Knowledge Engineering (TKE 2002).
- Fourth International Workshop on the Web and Databases (WebDB 2001).
- Linguistic Association of Canada and the United States, (LACUS 2000, 2002, 2008, 2009, 2010).
- 1st International Conference on Web Information Systems Engineering (WISE 2000).
- International Workshop on the World-Wide Web and Conceptual Modeling (WWWCM 1999).
- Annual Conference of the Cognitive Science Society (1995, 2006-2007, 2011-2019) and EuroCogSci (2007, 2015).
- Routledge Frequency Dictionary Series (2013).
- Book manuscripts for Oxford University Press (2007, 2016), Rodopi Press (2010), Mouton de Gruyter (2016), and MIT Press (2019).
- Canadian Social Studies and Humanities Research Council proposal reviewer (2018-2020)
- Slovene Linguistic Studies Journal (2021)
- Conference Organizer: Conference on Analogical Modeling of Language (2000).
- Conference Organizer: Soar 15 Workshop (1995).
- Conference Organizer: North American Computational Linguistics Olympiad at BYU (2011-2014, 2016-2018).
- Volunteer / Session Chair: MT Summit (1992), ICSNL (1998), ER (2000), ICASSP (2001), TESOL (2002), LSRL (2004), NLDB (2007), ICSNL (2007), AAAL (2008), LARP (2010).

Works in Progress

- NL-Soar cognitive modeling system
- Analogical modeling and applications
- Salish language engines for morphological, syntactic, and semantic processing
- Processing of free-text genealogical data
- Ontology matching of terminological and lexical-semantic repositories
- Interactive speech-based language tutoring
- Web-based dictionary browsers for endangered Salish languages