

Dr. Frederick M. Hoyt

8 Sterling Rd., Kittery, ME 03904

CONTACT INFORMATION

Phone: (512) 785-1629 (Cell)
Email: fmhoyt@gmail.com
LinkedIn Profile: www.linkedin.com/in/frederickhoyt
Personal Webpage: <http://fmhoyt.colliertech.org>
Please note that the PDF file for this document contains live HTML links

SUMMARY

I am an Arabic speaker and translator, an analyst and connoisseur of linguistic data, a Fulbright- and NSF-awarded linguistic researcher, and a tenacious and resourceful problem-solver. I have used Arabic for day-to-day life in Jordan and have written influential linguistic research on Arabic and other languages. Research topics encompass:

- Formal syntax with Combinatory Categorical Grammar, Type Logical Grammar, The Minimalist Program and Lexical Functional Grammar;
- Formal semantics with predicate calculus, Discourse Representation Theory, Hybrid Logic and Focus Semantics;
- Morphology;
- Computational linguistics;
- Intonational phonology;
- Acoustic phonetics;
- Comparative historical linguistics.

SPECIALTIES

- Extensive experience with Linux (Ubuntu, Red Hat);
- Text processing using Linux, Python and Perl shell scripting;
- Data management using relational databases and spreadsheets;
- Statistical data analysis using R;
- Text digitization;
- Working with several frameworks in theoretical syntax and semantics;
- Harvesting data from large text corpora, treebanks and internet sources;
- Extraction of phonetic data from large audio corpora;
- Acoustic analysis and script-writing with Praat;
- Morphological and syntactic analysis with statistical models;
- Grammar engineering;
- Professional-level Arabic skills;
- Arabic-English and German-English translation;
- Identification of regional varieties of Levantine Arabic.

EDUCATION

University of Texas at Austin (Austin, TX) Ph.D., Linguistics (12/2010).
Dissertation Title: *Negative Concord in Levantine Arabic*.

Cornell University (Ithaca, NY) M.A., Linguistics (8/2000).
Thesis Title: *Agreement, Word Order, and Specificity Effects in Rural Palestinian Arabic Existential Constructions*.

University of New Hampshire (Durham, NH) B.A., English Literature (5/1990).

ARABIC
LANGUAGE
TRAINING

- 9 years of coursework in Modern Standard Arabic and Levantine Colloquial Arabic (Cornell University, University of Texas at Austin);
- Extensive informal, real-world practice during research travel in the West Bank (Bir Zeit, 6/1998) and Jordan (Irbid, 10/2007-8/2008);
- Summer Arabic intensive course at Language Acquisition Resource Center and the Center for the Advancement of Distinguished Language Proficiency, San Diego State University, July 2005;
- STARTalk Arabic Teacher Training Workshop, National Middle East Resource Center, Brigham Young University, July 2012.

OTHER LANGUAGE
TRAINING

- German: 7 years' coursework; strong reading ability;
- Spanish: 1 year's coursework as undergraduate, some reading ability;
- Anglo-Saxon English: 1 year's coursework as undergraduate;
- Latin: 1 year's coursework in high school.

RESEARCH

Research Fellow 10/2007 - 8/2008, UT-Austin (Austin, TX)

- Travelled to Irbid, Jordan to conduct dissertation research funded by Fulbright-Hays DDRA #P022A0600 and NSF Dissertation Improvement Grant #0728656;
- Conducted and transcribed interviews with native speaker subjects;
- Glossed and translated data in Levantine and Modern Standard Arabic;
- Used complex Google search strings to find dialect-specific internet data;
- Used spoken Levantine Arabic for day-to-day life;
- Learned to hear regional dialect variations within Southern Levantine Arabic;
- Managed data using SIL Toolbox database.

Graduate Research Assistant Fall 2006 - Spring 2007, UT-Austin (Austin, TX)

- Paper accepted for Association for Computational Linguistics 2008 (Hoyt and Baldridge 2008) on the Combinatorial Categorical Grammar formalism;
- Formatted Penn Arabic Treebank data for vocalization experiments, using Linux shell, Perl and Python scripting;
- Submitted paper to Association of Computational Linguistics 2007 (ACL07) on using maximum entropy tagging models to add case vowels to Arabic text.

Graduate Research Assistant Spring 2006, UT-Austin (Austin, TX)

- Managed anthropological linguistics A/V laboratory.

Research Linguist 2001-2002, Cycorp Inc. (Austin, TX)

- Produced design map of high-level architecture of *KRAKEN* tool-set;
- Trained subjects at George Mason University in using *KRAKEN* user interface for DARPA-funded rapid-knowledge formation (RKF) experiment.

TEACHING

Faculty Adjunct 5/2011-present, University of New England (Biddeford, ME)

- Developing curricula for and teaching *Introduction to Arabic*;
- Using on-line tools (including Google spreadsheets and Moodle server) to engage students outside of classroom and to manage and format course material;
- Earned strong student evaluation ratings.

Arabic Instructor Spring 2009 - Fall 2011, Kittery Adult Education (Kittery, ME)

- Taught introductory courses on Levantine Arabic and Modern Standard Arabic;
- Generated publicity for Kittery Adult Education in regional newspapers.

Assistant Instructor Spring-Fall 2005, UT-Austin (Austin, TX)

- Taught *Introduction to Linguistics*;
- Earned strong student evaluations.

Assistant Instructor Spring-Fall 2003, Spring-Summer 2004, UT-Austin (Austin, TX)

- Developed and taught *The Linguistics of Middle Earth*;
- Built MySQL database for J.R.R. Tolkien's *The Etymologies*;
- Earned strong student evaluations;
- Nominated for teaching award (see below);
- Earned publicity for UT-Austin in regional, national, and international media.

Teaching Assistant Fall 2002, 2004, UT-Austin TA for LIN 386 *Syntax I*:

- Wrote 200+ pages of notes for homeworks and exams;
- Earned very strong student evaluation ratings.

Teaching Assistant Fall 2000, UT-Austin

- Graded papers for *Organizational Behavior, Managerial Policy and Strategy*.

Teaching Assistant Fall 1997 - Fall 1999, Cornell University (Ithaca, NY)

- Taught *English Writing for Academic Purposes*.

PROJECTS

2008-Present: Wrote Python and Praat scripts for extracting audio data in LDC Levantine Arabic QT Training Data Set 5 speech and transcript corpora:

- Re-formatted transcript corpus using Perl one-liners, Bash and Python scripts;
- Extracted data from speech corpus for acoustic analysis with Praat.

2011: Collaborated on sentiment analysis of Arabic Twitter data:

- Evaluated quality of Google Translate output from corpus of Arabic twitter data;
- Evaluated sentiment analysis produced by experiment;
- Co-authored white paper reporting results.

2007: Co-editor for *Sense and Sensitivity: How Focus Determines Meaning*:

- Commented on and edited content;
- Finalized LaTeX formatting.

2004: Built MySQL database of cognate words in J.R.R. Tolkien's *The Etymologies*:

- Converted index of vocabulary into database files;
- Installed and managed MySQL server, compiled database.

2003-2005: Grammar engineering:

- Modeled Arabic subject-verb agreement in the Xerox Language Environment;
- Modeled syntactic phenomena in Arabic and Spanish using the OpenCCG.

1998: Digitized *Volkserzählungen aus Palästina* (Schmidt and Kahle 1918), a collection of folk narratives in Bir Zeit Palestinian Arabic:

- Scanned text then used OCR software and advanced regular expression searches to create 45,000-word corpus for use in linguistic research;
- Extracted data from corpus using concordance software.

1997-1999: Managed Cornell Linguistic Circle Publications, Department of Linguistics, Cornell University:

- Managed Filemaker database of publication inventory;
- Processed and shipped orders for publications.

PUBLICATIONS

To Appear. “Negative Polarity in Arabic.” in *The Routledge Handbook on Arabic Linguistics*, A. Benmamoun and R. Bassiouney (eds.).

To Appear. “Prosodic Constituency and Locality in Levantine Arabic Long-Distance Negative Concord.” in *Perspectives on Arabic Linguistics XXXI*, R. Khamis-Dawar and K. Froud (eds.). John Benjamin’s (Philadelphia)..

In Press (with Jason Baldrige). “Categorial Grammar.” in *Handbook of Syntax*, T. Kiss and A. Alexiadou (eds.). De Gruyter (Berlin). 326-334.

2012 (with A. Teodorescu). “How many kinds of sluicing and why? Single and Multiple Sluicing in Romanian, English, and Japanese.” in *Sluicing: Cross-linguistic explorations*, J. Merchant and A. Simpson (eds.). Oxford University Press. 83-103.

2011. “Evolution of Sentiment in the Libyan Revolution” (with David Beaver, Christopher Brown, Joey Frazee, Jeff Hancock and Xiong Liu). Ms., UT-Austin.

2010. *Negative Concord in Levantine Arabic*. PhD Dissertation, UT-Austin.

2008. (with Jason Baldrige). “Logical Basis for the D Combinator and Normal Form Constraints in Combinatory Categorial Grammar.” In *Proceedings of ACL/HLT-08*. Columbus, OH. 326-334.

2008. *The Encyclopedia of Arabic Language and Linguistics*, v.IV. M. Eid, A. Elgibali, K. Versteegh, M. Woidich and A. Zaborski (eds.). Brill (Leiden): “Specificity,” 315-320; “Verb Phrase,” 646-652; “Verbal Clause,” 653-659.

2007. “An Arabic Wackernagel Clitic?: The Morphosyntax of Negation in Palestinian Arabic.” In *Proceedings of the 20th Symposium on Arabic Linguistics*. M. Mughazy (ed.). John Benjamins (Philadelphia). 105-134.

2007. *The Encyclopedia of Arabic Language and Linguistics*, v.III, M. Eid, A. Elgibali, K. Versteegh, M. Woidich and A. Zaborski (eds.). Brill (Leiden): “Nominal Clauses,” 381-388; “Noun Phrase,” 429-434; “Polarity,” 652-658; “Predicate,” 683-689.

2006. “Negative Concord and Restructuring in Palestinian Arabic: A Comparison of

TAG and CCG Analyses.” In *Proceedings of TAG+8*, T. Becker and L. Kallmeyer (eds.). Association for Computational Linguistics (Stroudsburg, PA). 49-56.

2006. “Long-Distance Negative Concord and Restructuring in Palestinian Arabic.” In *Proceedings of the Workshop on Concord and the Syntax-Semantics Interface*, P. Dekker and H. Zeijlstra (eds.). ESSLLI Publication. 27-32.

2005. “Sentential Negation Marking in Palestinian and Moroccan Arabic: A Study in Comparative Morphosyntax.” Ms., UT-Austin.

2004 (with A. Teodorescu). “Sluicing in Romanian: A Typological Study.” In *Selected Proceedings of the 33rd Linguistic Symposium on the Romance Languages*. J. Auger, C. Clements and B. Vance (eds.). John Benjamins (Philadelphia). 197-216.

2004. “Subject-Verb Agreement in Modern Standard Arabic: An LFG Implementation in the Xerox Language Engineering Environment.” Ms., UT-Austin.

2002. “Agreement, Specificity Effects, and Word Order in Rural Palestinian Arabic Existential Constructions.” In *Proceedings of the 13-14th Symposium on Arabic Linguistics*. D. Parkinson and A. Benmamoun (eds.). John Benjamins (Philadelphia). 111-141.

2000. *Reduced Agreement as a Specificity Effect in Rural Palestinian Arabic*. MA Thesis, Cornell University.

PRESENTATIONS

26th Arabic Linguistics Symposium. Adelphi University (New York, NY). March 1-3, 2012. “Prosodic Constituency and Locality in Levantine Arabic Long-Distance Negative Concord.”

24th Arabic Linguistics Symposium. UT-Austin (Austin, Texas). April 9-11, 2010. “Negative Concord and Subject-Verb Word Order in Two Dialects of Arabic.”

Georgetown University Round Table 10. Georgetown University (Washington DC). March 12-14, 2010. “Levantine Arabic Negative Concord and the Inherent Negativity of N-Words.”

Association of Computational Linguistics '08. Ohio State University (Columbus OH). June 16-18, 2008. “Logical Basis for the D Combinator and Normal Form Constraints in Combinatory Categorical Grammar” (with Jason Baldridge).

European Summer School on Logic, Language and Information 2006 Workshop on Concord Phenomena. University of Malaga (Malaga, Spain). August 7-11, 2006. “Long-Distance Negative Concord and Restructuring in Palestinian Arabic.”

Tree-Adjoining Grammar and Related Formalism 8 Workshop (TAG+8). University of Technology (Sydney, Australia). August 16, 2006. “Negative Concord and Restructuring in Palestinian Arabic: A Comparison of TAG and CCG Analyses.”

20th Arabic Linguistics Symposium. Western Michigan University (Kalamazoo, MI). March 3-5, 2006. "An Arabic Wackernagel Clitic?."

UT Linguistics Circle. UT-Austin (Austin, TX). October 29, 2004. "The Linguistics of Middle Earth: Using Invented Languages to Teach Real-World Linguistics."

Linguistic Symposium on Romance Linguistics 33. Indiana University (Bloomington, ID). April 24-27, 2003. "Multiple Sluicing in Romanian" (with A. Teodorescu).

UT Linguistics Department Colloquium. UT-Austin (Austin, TX). March 17, 2003. "Incremental Telicity and Extra-lexical Thematic Licensing in English Intransitive Resultative Constructions."

UT Linguistics Circle. UT-Austin (Austin, TX). October 19, 2002. "Case Marking, Discourse Configuration and Syntactic Predication in Standard Arabic, Japanese, and Korean."

16th Arabic Linguistics Symposium. University of Cambridge (Cambridge, UK). March 1-2, 2002. "Topic, Subject, and Syntactic Predication in Arabic Nominal Clauses."

Texas Linguistics Society. University of Texas at Austin (Austin, TX). March 2-4, 2001. "Agreement, Specificity, and Phrase Structure in Rural Palestinian Arabic Existential Constructions."

14th Arabic Linguistics Symposium. University of California at Berkeley (Berkeley, CA). March 10-12, 2000. "The Categorical Status of Existential *Fiih*."

Workshop on Semitic Linguistics. University of Indiana at Urbana-Champaign (Urbana, IN). July 17-18, 1999. "Reduced Agreement as a Specificity Effect in Rural Palestinian Arabic."

13th Arabic Linguistics Symposium. Stanford University (Palo Alto, CA). March 5-6, 1999. "Reduced Agreement as a Specificity Effect in Rural Palestinian Arabic."

HONORS AND AWARDS

2007: NSF Dissertation Improvement Grant #0728656.

2006: Fulbright-Hays DDRA Fellowship #P022A0600;
UT-Austin Bruton Fellowship;
ESSLLI 2006 student grant.

2005: FLAS (Arabic), Department of Middle Eastern Studies, UT-Austin.

2004: Certificate of Recognition for Outstanding Service to the Department of Linguistics in the College of Liberal Arts as an Assistant Instructor, UT-Austin.

1996: FLAS (German), Department of European Studies, Cornell University.