Curriculum Vitae

Personal Information

Joshua Crowgey
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Born: 4 December 1979 in Virginia Beach
Virginia, USA

Education

in progress	**Doctor of Philosophy** – Linguistics University of Washington, Seattle Thesis Project: An Electronic Resource Grammar for dxʷləšucid (Puget Salish) Committee: Emily M. Bender (chair), Sharon Hargus, David Beck, Walter Andrews
2009 – 2012	**Master of Arts** – Linguistics University of Washington, Seattle Thesis Title: *The Syntactic Exponence of Sentential Negation: a model for the LinGO Grammar Matrix*
2003	**CELTA** International House, Barcelona, Spain Cambridge University certificate for English Language Teaching to Adults
2002	**Bachelor of Arts** Lee University, Cleveland, TN Music Performance

Publications

Journal Articles	Fei Xia, William D. Lewis, Michael Wayne Goodman, Glenn Slayden, Ryan Georgi, Joshua Crowgey, and Emily M. Bender. Enriching a massively multilingual database of interlinear glossed text. *Language Resources and Evaluation*, 50, 2016.
	Michael Wayne Goodman, Joshua Crowgey, Fei Xia, and Emily M. Bender. Xigt: Extensible Interlinear Glossed Text for Natural Language Processing. *Language Resources and Evaluation*, 49:455 – 485, 2015.
In Proceedings	Joshua Crowgey. Constructing a Morphophonological Analyzer for Lushootseed. In Natalie Weber, Emily Sadlier-Brown, and Erin Guntley, editors, *University of British Columbia Working Papers in Linguistics*, volume 37, pages 39–63, 2014.
	Emily M. Bender, Joshua Crowgey, Michael Wayne Goodman, and Fei Xia. Learning Grammar Specifications from IGT: A Case Study of Chintang. In *Proceedings of the 2014 Workshop on the Use of Computational Methods in the Study of Endangered Languages*, pages 43–53, Baltimore, Maryland, USA, June 2014. Association for Computational Linguistics.
	Fei Xia, William Lewis, Michael Wayne Goodman, Joshua Crowgey, and Emily M. Bender. Enriching ODIN. In Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios

Piperidis, editors, *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14)*, pages 3151–3157, Reykjavik, Iceland, May 2014. European Language Resources Association (ELRA).

Emily M. Bender, Michael Wayne Goodman, Joshua Crowgey, and Fei Xia. Towards Creating Precision Grammars from Interlinear Glossed Text: Inferring Large-Scale Typological Properties. In *Proceedings of the 7th Workshop on Language Technology for Cultural Heritage, Social Sciences, and Humanities*, pages 74–83, Sofia, Bulgaria, August 2013. Association for Computational Linguistics.

Joshua Crowgey. An *a priori* Typology of Sentential Negation from an HPSG Perspective. In Stefan Müller, editor, *Proceedings of the 19th International Conference on Head-Driven Phrase Structure Grammar, Chungnam National University Daejeon*, pages 107–122, 2012.

Joshua Crowgey and Emily M. Bender. Analyzing Interacting Phenomena: Word Order and Negation in Basque. In Stefan Müller, editor, *Proceedings of the 18th International Conference on Head-Driven Phrase Structure Grammar*, pages 46–59, Stanford, 2011. CSLI Publications.

Posters   Joshua Crowgey. What's a Morpheme? The Zero Dravidian Negative and Typological Universals. Poster presented at the 19th International Conference on Head-Driven Phrase Structure Grammar, Chungnam National University Daejeon, 2012.

Teaching Linguistics

2016 summer   **Insructor of Record**
UW Department of Linguistics, Seattle
Stand alone instructor for Ling 100, Introduction to Grammar.

2012 summer   **Instructor of Record**
UW Department of Linguistics, Seattle
Stand alone instructor for Ling 100, Introduction to Grammar.

2011 summer   **Instructor of Record**
UW Department of Linguistics, Seattle
Stand alone instructor for Ling 451, Introduction to Phonology.

2010 – 2011   **Teaching Assistant**
UW Department of Linguistics, Seattle
Grading, composition of materials and quizzes, communications and policies; responsible for planning, organizing support for up to 100 students per quarter in weekly quiz sections. Courses:

- Ling100 (Autumn 2010, Winter 2011): Introduction to Grammar
- Ling472 (Spring 2011): Introduction to Computational Linguistics
- Ling556 (Autumn 2011,2013): Syntax for Computational Linguistics

Technology and Digital Humanities

2015 – 2016   **Developer, Language Learning Center**
Created basic infrastructure and proof-of-concept site for Language
Learning Center's web-based learning and study software:
all components built from scratch: back-end database and import methods,
CGI scripts, secure account creation and login, javascript web-apps for
multilingual flashcard study and typing practice. [`http://depts.washington.edu/vocab/`]

summer 2015	**Developer, Totonac Mapping Project** Created javascript web-app with custom mapping interface to allow interactive exploration of geographical, socio-linguistic/demographic data regarding the speakers of the Totonacan languages of Mexico. [`http://totonacan.artsrn.ualberta.ca/`]
2013 – current	**Asst. Director for Technology** Newbook Digital Texts in the Humanties University of Washington Leading team of technology developers—focused on custom tool development for low-cost publications in Digital Humanities. [`http://depts.washington.edu/ndth/`]
summer 2012	**Developer** "Newbook" Electronic Text Project University of Washington Used UNIX shell scripts, XSLT and X⫽LATEXto provide online typesetting, hypertext and reports about TEI-XML humanities documents as they were encoded.
2009 – 2010	**Technology Research Assistant** Svoboda Diary Project – Near Eastern Languages and Civilization University of Washington Website development, text processing scripts and data-structure validation.
2008 – 2009	**Student Assistant** UW Technology Service Center, Seattle Technical e-mail support, software testing and documentation.

Tutoring

2009	**CLUE Tutor** Center for Learning and Undergraduate Enrichment University of Washington Provided weekly review sessions for LING 100 topics.

Teaching English as a Second Language

2005	**English Instructor and Translation Editor** Business Links, Lima, Peru English instruction on-site at corporate clients' locations, editing and reviewing of professional Spanish–English translations.
2005	**English Instructor** Multi-lengua, Lima, Peru On-site English classes with corporate clients.
2004	**English Instructor** Mind The Gap Linguistic Solutions, Manresa, Catalonia, Spain On-site English classes with professional clients, indiviual and group classes.
2003 – 2004	**English Instructor** Madison Idiomes, Manresa, Catalonia, Spain English instruction to adults and teenagers, examination preparation.

Teaching Spanish as a Second Language

2008 – 2009	**Spanish Teacher** Lowell Elementary School, Seattle After school Spanish language instruction to students.

Computer Programming

2013 – present **Web Application Developer**
Page1Branding Greenville, SC
Designing, building, testing and debugging custom web-sites and applications. Many applications coded from scratch integrating server-side scripting and javascript processing in the user's browser.

Translation

2005 **Spanish–English Translator and Editor** Offices of Maria Del Carment Pizarro Sabogal, Lima, Peru
Participated in a group translation and review process.

Volunteering and Academic Service

2012–2015 **Linguistic and Technology Consultation**
Snoqualmie Tribe of Indians, Language Department, Carnation, WA

2011–2015 **Journal Editor**
UW Working Papers in Linguistics, University of Washington
(co-editor with Sanghoun Song 2011–2014)

August 2012 **Conference Volunteer**
Workshop on Complexity and Formal Grammar
University of Washington,Seattle

August 2011 **Conference Volunteer**
18th International Conference on HPSG
University of Washington, Seattle

Winter 2009 **Volunteer Grader**
Ling450/550, University of Washington, Seattle

2008 **Sahaptin Dictionary Project** Reviewed over 9000 sound files and ranked them by quality into a rerecord triage

2006–2009 **Center for Wooden Boats** Dock supervision and sailboat rigging, other odd jobs.

Computer Skills

UNIX scripting   `bash, sed, perl, python`

Web   `Javascript, HTML5, XML, PHP, MySQL`

General Programming   `basic C/C++, Java, Perl, Python`

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