

Su Lin Blodgett

CONTACT INFORMATION	140 Governors Drive Amherst, MA 01003	blodgett@cs.umass.edu cs.umass.edu/~blodgett
RESEARCH INTERESTS	I am interested in using computational text analysis to answer social science, particularly sociolinguistic, questions; I am especially interested in linguistic variation in social media text. To that end, I develop natural language processing tools that are fairer and more robust.	
EDUCATION	University of Massachusetts Amherst Ph.D. in Computer Science M.S. in Computer Science	2018 – Present 2015 – 2018
	Wellesley College B.A. in Mathematics	2011 – 2015
	Linguistic Society of America Linguistic Institute	2019
RESEARCH EXPERIENCE	Research Assistant. SLANG Lab, University of Massachusetts Amherst. Sept. 2015 – Present Advisor: Brendan O'Connor. Develop models for statistical text analysis, with a current focus on mapping dialect variation in social media and quantifying social bias in natural language processing tools.	
	Research Intern. Microsoft Research, New York. Mentors: Hanna Wallach, Hal Daumé III, Solon Barocas.	Summer 2019
PUBLICATIONS	Su Lin Blodgett , Johnny Wei, and Brendan O'Connor. Twitter Universal Dependency Parsing for African-American and Mainstream American English. In <i>Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL)</i> . 2018. (Presentation)	
	Katherine Keith, Su Lin Blodgett , and Brendan O'Connor. Monte Carlo Syntax Marginals for Exploring and Using Dependency Parses. In <i>Proceedings of the North American Chapter of the Association for Computational Linguistics (NAACL)</i> . 2018.	
	Su Lin Blodgett , Johnny Wei, and Brendan O'Connor. A Dataset and Classifier for Recognizing Social Media English. In <i>Proceedings of the 3rd Workshop on Noisy User-Generated Text (W-NUT), EMNLP. W-NUT Best Paper Award</i> . 2017. (Presentation)	
	Su Lin Blodgett and Brendan O'Connor. Racial Disparity in Natural Language Processing: A Case Study of Social Media African-American English. In <i>Proceedings of the Fairness, Accountability, and Transparency in Machine Learning (FAT/ML) Workshop, KDD</i> . 2017.	
	Su Lin Blodgett , Lisa Green, and Brendan O'Connor. Demographic Dialectal Variation in Social Media: A Case Study of African-American English. In <i>Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)</i> . 2016. (Presentation)	
	Abram Handler, Su Lin Blodgett , and Brendan O'Connor. Visualizing Textual Models with In-Text and Word-as-Pixel Highlighting. In <i>Proceedings of the Workshop on Human Interpretability in Machine Learning (WHI), ICML</i> . 2016.	

HONORS AND AWARDS	Rising Stars in EE/CS Workshop Participant (fully funded travel + arrangements)	2019
	ICWSM Best Reviewer Award	2019
	Microsoft Accomplishments in Search & Artificial Intelligence Award for UMass CICS	2019
	CICS Outstanding Synthesis Award	2019
	New England Future Faculty Workshop Participant	2018
	Passed Ph.D. Qualifying Exam (Portfolio) with Distinction	May 2018
	NSF Graduate Research Fellowship	2017
	CRA-Women Grad Cohort Workshop Participant (fully funded travel + arrangements)	2016
	CICS Paul Utgoff Memorial Scholarship, for one student in machine learning	2016
TALKS AND PRESENTATIONS	“Debunking Debiasing: A Critique of Bias Measurement in NLP.” Conference on New Directions in Analyzing Text as Data, Stanford. Oct. 2019.	
	“Demographic Dialectal Variation in Social Media.” Computational Social Science Institute Seminar, University of Massachusetts Amherst. Apr. 2019.	
	———. Workshop on New Methods in Computational Sociolinguistics, Leiden, Netherlands. Nov. 2018.	
	———. Summer Dialect Research Project, Department of Linguistics, University of Massachusetts Amherst. June 2018.	
	———. Data Science Research Symposium, University of Massachusetts Amherst. Apr. 2017.	
	———. Computational Linguistics Workshop, Department of Linguistics, University of Massachusetts Amherst. Apr. 2017.	
TEACHING EXPERIENCE	———. CS Colloquium, Wellesley College. Nov. 2016.	
	Instructor. Ethical Issues Surrounding Artificial Intelligence Systems and Big Data (Computer Science First Year Seminar). Fall 2018.	
	Teaching Assistant. Advanced Natural Language Processing (graduate). Prof. Brendan O’Connor. Spring 2017.	
REVIEWING	NAACL, ACL, EMNLP, W-NUT (EMNLP), ICWSM, WiML	2019
	EMNLP, W-NUT (EMNLP), ICWSM, PLOS One	2018
	W-NUT (EMNLP)	2017
SERVICE AND PROFESSIONAL ACTIVITIES	Senior Ph.D. Student Panelist, CS Women	Apr. 2019
	Succeeding in Graduate School Panelist, UMass Graduate Orientation	Aug. 2018
	Student Volunteer, ACL	2018
	Co-Organizer, Inaugural Male Allyship Workshop, UMass Computer Science	Fall 2017
	Panelist, Mt. Holyoke Graduate School Panel	Sept. 2017
	Social Chair, UMass CS Women	Fall 2016 – Spring 2017
	Mentoring Committee Member, UMass Graduate Women in STEM	Spring 2016 – Fall 2017
	Student Volunteer, EMNLP	2016
	Volunteer, UMass Women in Engineering and Computing Career Day	Oct. 2015