Su Lin Blodgett

CONTACT INFORMATION	140 Governors Drive Amherst, MA 01003	blodgett@cs.umass.edu https://sblodgett.github.io

EDUCATION

University of Massachusetts Amherst
Ph.D. in Computer Science — 2018 –
M.S. in Computer Science — 2015 – 2018

Wellesley College
B.A. in Mathematics — 2011 – 2015

Linguistic Society of America Linguistic Institute — 2019

RESEARCH EXPERIENCE

Research Intern. Microsoft Research, New York. — Summer 2019
Mentors: Solon Barocas, Hal Daumé III, Hanna Wallach.

Graduate Research Assistant. University of Massachusetts Amherst. — Fall 2015 –
Advisor: Brendan O'Connor.

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	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

PUBLICATIONS

Su Lin Blodgett, Johnny Wei, and Brendan O'Connor. Twitter Universal Dependency Parsing for African-American and Mainstream American English. In *Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL)*. 2018. (Presentation)

Katherine Keith, **Su Lin Blodgett**, and Brendan O'Connor. Monte Carlo Syntax Marginals for Exploring and Using Dependency Parses. In *Proceedings of the North American Chapter of the Association for Computational Linguistics (NAACL)*. 2018.

Su Lin Blodgett, Johnny Wei, and Brendan O'Connor. A Dataset and Classifier for Recognizing Social Media English. In *Proceedings of the 3rd Workshop on Noisy User-Generated Text (W-NUT), EMNLP*. **W-NUT Best Paper Award.** 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 *Proceedings of the Fairness, Accountability, and Transparency in Machine Learning (FAT/ML) Workshop, KDD*. 2017.

Su Lin Blodgett, Lisa Green, and Brendan O'Connor. Demographic Dialectal Variation in Social Media: A Case Study of African-American English. In *Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)*. 2016. (Presentation)

Abram Handler, **Su Lin Blodgett**, and Brendan O'Connor. Visualizing Textual Models with In-Text and Word-as-Pixel Highlighting. In *Proceedings of the Workshop on Human Interpretability in*

Machine Learning (WHI), ICML. 2016.

NON-ARCHIVAL PRESENTATIONS	Abigail Z. Jacobs, **Su Lin Blodgett**, Solon Barocas, Hal Daumé III, and Hanna Wallach. The Meaning and Measurement of Bias: Lessons from NLP. Conference on Fairness, Accountability, and Transparency (FAT*). January 2020. Tutorial.

Su Lin Blodgett, Solon Barocas, Hal Daumé III, and Hanna Wallach. Debunking Debiasing: A Critique of Bias Measurement in NLP. Women in Machine Learning Workshop (WiML). December 2019. Poster.

Su Lin Blodgett, Solon Barocas, Hal Daumé III, and Hanna Wallach. Debunking Debiasing: A Critique of Bias Measurement in NLP. Conference on New Directions in Analyzing Text as Data (TADA). October 2019. Talk.

David L. Chin, Vishal A. Shetty, **Su Lin Blodgett**, and Brendan T. O'Connor. Natural Language Processing Methods to Learn about Social Determinants of Health from Electronic Health Records. AcademyHealth Annual Research Meeting. June 2019. Poster.

TALKS	"Fairness and Justice in Natural Language Processng." Womxn in Computer Science, Dartmouth College. November 2019.

"Demographic Dialectal Variation in Social Media." Computational Social Science Institute Seminar, University of Massachusetts Amherst. April 2019.

_____. Workshop on New Methods in Computational Sociolinguistics, Lorentz Center, Leiden University. November 2018.

_____. Summer Dialect Research Project, Department of Linguistics, University of Massachusetts Amherst. June 2018.

_____. Data Science Research Symposium, University of Massachusetts Amherst. April 2017.

_____. Computational Linguistics Workshop, Department of Linguistics, University of Massachusetts Amherst. April 2017.

_____. Computer Science Colloquium, Wellesley College. November 2016.

TEACHING EXPERIENCE	**Co-Instructor.** Ethical Issues Surrounding Artificial Intelligence Systems and Big Data. Fall 2018. Co-designed and taught the course, a computer science first year seminar.

Teaching Assistant. Advanced Natural Language Processing (graduate). Prof. Brendan O'Connor. Spring 2017.

REVIEWING	ACL, ICWSM	2020
	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	Volunteer, Women in Machine Learning Workshop (WiML)	2019
	Senior Ph.D. Student Panelist, CS Women	2019
	Succeeding in Graduate School Panelist, UMass Graduate Orientation	2018
	Volunteer, ACL	2018
	Co-Organizer, Inaugural Male Allyship Workshop, UMass Computer Science	2017

Panelist, Mt. Holyoke Graduate School Panel   2017
Social Chair, UMass CS Women   2016–2017
Mentoring Committee Member, UMass Graduate Women in STEM   2016–2017
Volunteer, EMNLP   2016
Volunteer, UMass Women in Engineering and Computing Career Day   2015