

## Su Lin Blodgett

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| CONTACT<br>INFORMATION | 140 Governors Drive<br>Amherst, MA 01003   | blodgett@cs.umass.edu<br><a href="https://sblodgett.github.io">https://sblodgett.github.io</a> |
| EDUCATION              | <b>University of Massachusetts Amherst</b><br>Ph.D. in Computer Science<br>M.S. in Computer Science  | 2018 –<br>2015 – 2018  |
|                        | <b>Wellesley College</b><br>B.A. in Mathematics  | 2011 – 2015  |
|                        | Linguistic Society of America Linguistic Institute   | 2019   |
| RESEARCH<br>EXPERIENCE | <b>Research Intern.</b> Microsoft Research, New York.<br>Mentors: Solon Barocas, Hal Daumé III, Hanna Wallach.   | Summer 2019  |
|                        | <b>Graduate Research Assistant.</b> University of Massachusetts Amherst.<br>Advisor: Brendan O'Connor.   | Fall 2015 –  |
| HONORS AND<br>AWARDS   | Rising Stars in EE/CS Workshop Participant (fully funded travel + arrangements)<br>ICWSM Best Reviewer Award<br>Microsoft Accomplishments in Search & Artificial Intelligence Award for UMass CICS<br>UMass CICS Outstanding Synthesis Award<br>New England Future Faculty Workshop Participant<br>Passed Ph.D. Qualifying Exam (Portfolio) with Distinction<br>NSF Graduate Research Fellowship<br>CRA-Women Grad Cohort Workshop Participant (fully funded travel + arrangements)<br>UMass CICS Paul Utgoff Memorial Scholarship, for one student in machine learning  | 2019<br>2019<br>2019<br>2019<br>2018<br>2018<br>2017<br>2016<br>2016                           |
| PUBLICATIONS           | <p><b>Su Lin Blodgett</b>, Solon Barocas, Hal Daumé III, and Hanna Wallach. Language (technology) is power: The need to be explicit about NLP harms. In <i>Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL)</i>. 2020.</p> <p><b>Su Lin Blodgett</b>, 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. Talk.</p> <p>Katherine Keith, <b>Su Lin Blodgett</b>, 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.</p> <p><b>Su Lin Blodgett</b>, 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. Talk.</p> <p><b>Su Lin Blodgett</b> 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.</p> <p><b>Su Lin Blodgett</b>, 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</i></p> |  |

*Methods in Natural Language Processing (EMNLP)*. 2016. Talk.

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\*). 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). 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). 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. 2019. Poster.

TALKS

“Fairness and Justice in Natural Language Processing.” 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.

———. Data Science Tea, University of Massachusetts Amherst. Oct. 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.

**Guest Lectures**

“Ethics in Machine Learning.” Mount Holyoke College.

Spring 2019

“Variation in Social Media.” Mount Holyoke College.

Spring 2017

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Spring 2017

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| 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<br>PROFESSIONAL<br>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, Mount 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      |