

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 developing equitable and just natural language processing systems, and applying them to examine language variation and change (computational sociolinguistics), particularly on social media text. | |
| 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. | |
| | ———. CS Colloquium, Wellesley College. Nov. 2016. | |
| TEACHING EXPERIENCE | 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 |