

# Anjalie Field

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EMPLOYMENT	<b>Johns Hopkins University</b> , Baltimore, MD <i>Assistant Professor, Department of Computer Science</i> Aug 2023 – Present
	<b>Stanford University</b> , Palo Alto, CA <i>Postdoctoral Researcher, Data Science Fellow</i> Aug 2022 – Jul 2023 <ul style="list-style-type: none"><li>Advisers: Prof. Dan Jurafsky, Prof. Jennifer Eberhardt</li></ul>
EDUCATION	<b>Carnegie Mellon University</b> , Pittsburgh, PA <i>Ph.D., Language Technologies Institute</i> Sep 2017 – Present <ul style="list-style-type: none"><li>Adviser: Prof. Yulia Tsvetkov</li></ul>
	<b>Princeton University</b> , Princeton, NJ <i>B.A., Computer Science [Magna cum laude]</i> Sep 2011 – Jun 2015 <ul style="list-style-type: none"><li>Certificates: Language and Culture of Ancient Rome; Language and Culture of Ancient Greece</li></ul>
AWARDS & HONORS	Wikimedia Foundation Research Award of the Year Anjalie Field, Chan Young Park, Kevin Z. Lin, and Yulia Tsvetkov. “Controlled Analyses of Social Biases in Wikipedia Bios”, The Web Conference (2022) 2023
	Recipient of Stanford Data Science Institute Fellowship 2022 – 2023
	Recipient of Google PhD Fellowship 2020 – 2022
	SocInfo Best Paper Nomination 2020 Aman Tyagi*, Anjalie Field*, Priyank Lathwal, Yulia Tsvetkov, and Kathleen M. Carley. “A Computational Analysis of Polarization on Indian and Pakistani Social Media”, SocInfo (2020)
	Carolyn Comer Graduate Student Involvement Award 2020
	Recipient of NSF Graduate Research Fellowship (GRFP) 2018 – 2021
	<i>Magna Cum Laude</i> , Princeton University 2015
	Sigma Xi, Associate Member 2015 – Present
	National Merit Scholar 2011
PEER-REVIEWED CONFERENCE & JOURNAL PUBLICATIONS	<b>Anjalie Field</b> , Prateek Verma, Nay San, Jennifer L. Eberhardt, and Dan Jurafsky “Developing Speech Processing Pipelines for Police Accountability” (2023), INTERSPEECH Conference <a href="https://arxiv.org/abs/2306.06086">https://arxiv.org/abs/2306.06086</a>
	Maria Antoniak, <b>Anjalie Field</b> , Jimin Mun, Melanie Walsh, Lauren F. Klein, and Maarten Sap. “Riveter: Measuring Power and Social Dynamics Between Entities” (2023) Annual Meeting of the Association for Computational Linguistics (ACL), Demo Track, <a href="https://aclanthology.org/2023.acl-demo.36/">https://aclanthology.org/2023.acl-demo.36/</a>
	Nupoor Gandhi, <b>Anjalie Field</b> , and Emma Strubell. “Mention Annotations Alone Enable Efficient Domain Adaptation for Coreference Resolution” (2023), Annual Meeting of the Association for Computational Linguistics (ACL) <a href="https://aclanthology.org/2023.acl-long.588/">https://aclanthology.org/2023.acl-long.588/</a>
	<b>Anjalie Field</b> , Amanda Coston, Nupoor Gandhi, Alexandra Chouldechova, Emily Putnam-Hornstein, David Steier, and Yulia Tsvetkov. “Examining risks of racial biases in NLP tools for child protective services” (2023), ACM Conference on Fairness, Accountability, and Transparency (FAcCT) <a href="https://dl.acm.org/doi/abs/10.1145/3593013.3594094">https://dl.acm.org/doi/abs/10.1145/3593013.3594094</a>
	Inna Wanyin Lin*, Lucille Njoo*, <b>Anjalie Field</b> , Ashish Sharma, Katharina Reinecke, Tim Althoff, and Yulia Tsvetkov. “Gendered Mental Health Stigma in Masked Language Models” (2022), Conference on Empirical Methods in Natural Language Processing (EMNLP) <a href="https://aclanthology.org/2022.emnlp-main.139/">https://aclanthology.org/2022.emnlp-main.139/</a>
	Chan Young Park*, Julia Mendelsohn*, <b>Anjalie Field*</b> , and Yulia Tsvetkov. “Challenges in Opinion Manipulation Detection: An Examination of Wartime Russian Media” (2022), Findings of EMNLP <a href="https://aclanthology.org/2022.findings-emnlp.382.pdf">https://aclanthology.org/2022.findings-emnlp.382.pdf</a> .

**Anjalie Field\***, Chan Young Park\*, Antonio Theophilo\*, Jamelle Watson-Daniels, and Yulia Tsvetkov. “An Analysis of Emotions and the Prominence of Positivity in #BlackLivesMatter Tweets” (2022), Proceedings of the National Academy of Science (PNAS), <https://www.pnas.org/doi/abs/10.1073/pnas.2205767119>.

**Anjalie Field**, Chan Young Park, Kevin Z. Lin, and Yulia Tsvetkov. “Controlled Analyses of Social Biases in Wikipedia Bios” (2022), The Web Conference [Winner of 2023 Wikimedia Foundation Research Award of the Year], <https://dl.acm.org/doi/10.1145/3485447.3512134>.

**Anjalie Field**, Su Lin Blodgett, Zeerak Waseem, and Yulia Tsvetkov. “A Survey of Race, Racism, and Anti-Racism in NLP” (2021), Annual Meeting of the Association for Computational Linguistics (ACL), <https://aclanthology.org/2021.acl-long.149.pdf>.

Chan Young Park\*, Xinru Yan\*, **Anjalie Field\***, and Yulia Tsvetkov. “Multilingual Contextual Affective Analysis of LGBT People Portrayals in Wikipedia” (2021), International AAAI Conference on Web and Social Media (ICWSM), <https://ojs.aaai.org/index.php/ICWSM/article/view/18077>.

**Anjalie Field** and Yulia Tsvetkov. “Unsupervised Discovery of Implicit Gender Bias” (2020), Conference on Empirical Methods in Natural Language Processing (EMNLP), <https://aclanthology.org/2020.emnlp-main.44/>.

Aman Tyagi\*, **Anjalie Field\***, Priyank Lathwal, Yulia Tsvetkov, and Kathleen M. Carley. “A Computational Analysis of Polarization on Indian and Pakistani Social Media” (2020), International Conference on Social Informatics (SocInfo) [nominated for Best Paper], [https://link.springer.com/chapter/10.1007/978-3-030-60975-7\\_27](https://link.springer.com/chapter/10.1007/978-3-030-60975-7_27).

**Anjalie Field** and Yulia Tsvetkov, “Entity-Centric Contextual Affective Analysis” (2019), Annual Meeting of the Association for Computational Linguistics (ACL), <https://www.aclweb.org/anthology/P19-1243.pdf>.

**Anjalie Field**, Gayatri Bhat, Yulia Tsvetkov, “Contextual Affective Analysis: A Case Study of People Portrayals in Online #MeToo Stories” (2019), International AAAI Conference on Web and Social Media (ICWSM), <https://www.aaai.org/ojs/index.php/ICWSM/article/view/3358/3226>.

**Anjalie Field**, Doron Kliger, Shuly Wintner, Jennifer Pan, Dan Jurafsky, Yulia Tsvetkov, “Framing and Agenda-setting in Russian News: A Computational Analysis of Intricate Political Strategies” (2018), Conference on Empirical Methods in Natural Language Processing (EMNLP), <https://www.aclweb.org/anthology/D18-1393>.

**Anjalie Field**, “An Automated Approach to Syntax-based Analysis of Classical Latin” (2016), Digital Classics Online, 2(3):57-78, <https://journals.ub.uni-heidelberg.de/index.php/dco/article/view/32315>.

**Anjalie Field**, Jeffrey Field, “Melamine and cyanuric acid do not interfere with Bradford and Ninhydrin assays for protein determination” (2010), Food Chemistry, 121(3):912-917. (Also presented at American Chemical Society Meeting) <https://www.ncbi.nlm.nih.gov/pubmed/20228949>.

#### PEER-REVIEWED WORKSHOP PUBLICATIONS

Nupoor Gandhi, **Anjalie Field**, and Yulia Tsvetkov. “Improving Span Representation for Domain-adapted Coreference Resolution” (2021), CRAC at EMNLP, <https://aclanthology.org/2021.crac-1.13.pdf>.

Mengzhou Xia, **Anjalie Field**, and Yulia Tsvetkov. “Demoting Racial Bias in Hate Speech Detection” (2020), SocialNLP at ACL, <https://aclanthology.org/2020.socialnlp-1.2>.

**Anjalie Field**, Sascha Rothe, Simon Baumgartner, Cong Yu, and Abe Ittycheriah. “A Generative Approach to Titling and Clustering Wikipedia Sections” (2020), WNGT at ACL, <https://aclanthology.org/2020.ngt-1.9>.

#### INVITED TALKS

Equity and NLP in High-Stakes Domains	
Mid-Atlantic Student Colloquium on Speech, Language and Learning, Invited Keynote	May 2024
Amazon Web Services, Invited talk	Mar 2024
Northwestern University, Department of Linguistics Seminar	Nov 2023
Examining Risks of Racial Bias in NLP Tools for Child Protective Services	
Theory and Practice of Foundation Models Workshop at Yale University, Invited talk	Oct 2023
Challenges in NLP for Analyzing Social Media During Emerging Events	
NLP+Computational Social Science Workshop at EMNLP, Invited Keynote	Dec 2022
University of Oxford, NLP Seminar	Nov 2022

	Race and Racism in Natural Language Processing (NLP) Amazon Web Services, Invited talk University of Washington, RAISE Seminar	Sep 2022 Feb 2022
	Measuring Stereotypes, Bias, and Prejudice in Narrative and Dialog Text DuoLingo, Invited talk	Sep 2022
	Building Language Technologies for Analyzing Online Activism University of Memphis, Cognitive Science Seminar Princeton University, Center for Information Technology Policy (CITP) Seminar	Nov 2021 Oct 2021
	Distantly-supervised Language Technologies for Social Text Analysis Montclair State University , Linguistics Brown Bag Talks	Nov 2021
	NLP Methods for Identifying Gender Bias Stanford University, Women in CS Seminar	May 2021
	Detection of Stereotypes, Bias, and Prejudice in Text Stanford University, NLP Seminar	May 2021
	Reducing Confounding Variables in Social Text Processing Educational Testing Service (ETS), Invited talk	Mar 2021
	Unsupervised Discovery of Implicit Gender Bias University of Washington, PhD Introductory Meeting	Mar 2021
<b>INVITED PANELS</b>	Large Language Models: Risks and Opportunities for Science and Society at Sustainable AI Workshop Johns Hopkins University	Mar 2024
	Large Pre-Trained Models with a Focus on AD/ABRD at Healthy Aging Workshop Johns Hopkins University	Dec 2023
	AI Panel at the Emerging Technologies: Innovation & Governance Symposium Johns Hopkins University	Nov 2023
	Panel on Misinformation at the NLP for Internet Freedom Workshop Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)	Jun 2021
<b>INVITED WORKSHOP PARTICIPATION</b>	New Directions in Analyzing Text as Data Challenges in Opinion Manipulation Detection: An Examination of Wartime Russian Media	Oct 2022
	Rising Stars in Data Science, University of Chicago Building Language Technologies for Analyzing Online Activism	Nov 2021
	New Directions in Analyzing Text as Data Controlled Analyses of Social Biases in Wikipedia Bios An Analysis of Emotions and the Prominence of Positivity in #BlackLivesMatter Tweets	Oct 2021
	CMU Symposium on AI and Social Good Unsupervised Discovery of Implicit Gender Bias	Apr 2020
	New Directions in Analyzing Text as Data Framing and Agenda-setting in Russian News: A Computational Analysis of Intricate Political Strategies	Sep 2018
<b>TEACHING</b>	NLP for Computational Social Science (Instructor) ▪ Johns Hopkins University, <a href="http://nlp-css-601-672.cs.jhu.edu/sp2024/">http://nlp-css-601-672.cs.jhu.edu/sp2024/</a>	Spring 2024
	AI Ethics and Social Impact (Instructor) ▪ Johns Hopkins University, <a href="http://ai-ethics-601-770.cs.jhu.edu/fa2023">http://ai-ethics-601-770.cs.jhu.edu/fa2023</a>	Fall 2023; Fall 2024
	Algorithms for NLP (TA)	Fall 2019
	Computational Ethics for NLP (TA)	Spring 2019; Spring 2020
	Guest Lectures ▪ Massachusetts Institute of Technology, Natural Language Processing, “Ethics and NLP” ▪ Johns Hopkins University, Advances in Self-supervised Models, “Social Applications of Pre-trained LMs” ▪ University of Minnesota, Introduction to NLP Research, “Computational Social Science / Social NLP” ▪ Carnegie Mellon University, Algorithms for NLP, “Computational Social Science” ▪ University of Pittsburgh, Ethics and Fairness in AI Seminar, “Contextual Affective Analysis”	Fall 2022 Fall 2022 Spring 2022 Fall 2018; Fall 2021 Spring 2021
<b>MENTORSHIP</b>	▪ Jamie Rosas-Smith, JHU PhD student ▪ Krithika Ramesh, JHU PhD student	Sep 2023 – Present Sep 2023 – Present

▪ Mian Zhong, JHU PhD student	Sep 2023 – Present
▪ Taryn Wong, JHU MS student	Jan 2024 – Present
▪ Moksh Shukla, JHU MS student	Jan 2024 – Present
▪ Pulkit Madaan, JHU MS student	Sep 2023 – Present
▪ Naomi Eigbe, Stanford MS student	Sep 2022 – Present
▪ Nupoor Gandhi, CMU PhD student	Sep 2020 – Aug 2023
▪ Sophia Ran, high school student	Jun 2021 – Sep 2021
▪ Hannah Gao, high school student	Jun 2021 – Sep 2021
▪ Liah Osbourne, high school student	May 2021 – May 2021
▪ Mengzhou Xia, CMU MS student	Sep 2019 – Jan 2020
▪ Tejas Srinivasan, CMU MS student	Sep 2019 – Jan 2020

## INDUSTRY EXPERIENCE

<b>Google Research, Research Intern, New York, NY</b>	May 2019 – Aug 2019
▪ Primary project focused on analyzing models for text generation, specifically a BERT encoder with various decoders over a new task, generating section titles for Wikipedia articles. Team: NYSD; Primary host: Abe Ittycheriah; Additional Supervisors: Simon Baumgartner and Cong Yu.	
<b>Five Rings Capital, Software Developer, New York, NY</b>	Aug 2015 – Jun 2017
▪ Projects included implementing trading algorithms, developing tools and interfaces for profit monitoring, and automating routine tasks, primarily using C++ and Python. Responsibilities also included conducting first and second round interviews for software developer applicants and initiating company inclusivity events.	

## COMMUNITY AND LEADERSHIP EXPERIENCE

<b>Professional Activities</b>	
▪ Ethics Chair for Annual Conference of the North American Chapter of ACL (NAACL)	2024
▪ Workshop Chair for International AAAI Conference on Web and Social Media (ICWSM)	2024
▪ Organizer for Workshop on NLP and Computational Social Science	2024
▪ Coordinator for AIM-HEAD PAIR program on AI for Health Equity	2023- 2024
▪ Organizer for Breakfast Series on AI for Health Equity hosted at JHU	2023- 2024
▪ Organizer for Workshop on NLP for Positive Impact at ACL	Aug 2021
▪ Organizer for CMU Graduate Application Support program	Aug 2020 – Dec 2020, Aug 2021 – Dec 2021
<b>Conference Area Chair</b>	
▪ EMNLP, Computational Social Science	2022, 2023, 2024
<b>Conference Reviewing</b>	
▪ Children and Youth Services Review, 2024	
▪ CSCW 2023	
▪ FAccT 2023, 2024	
▪ ICWSM 2022	
▪ ACL ARR 2022	
▪ PlosOne 2022	
▪ EMNLP 2020 (Outstanding Reviewer Award), 2021	
▪ NAACL 2021	
▪ ACL 2021 (Outstanding Reviewer Award)	
▪ TACL 2021	
▪ NeurIPS 2020	
▪ CoNLL 2020	
<b>Workshop Reviewing</b>	
▪ NLP for Internet Freedom 2019 (EMNLP), 2020 (COLING), 2021 (NAACL)	
▪ Causal Inference & NLP 2021 (EMNLP)	
▪ Figurative Language Processing 2020 (ACL)	
▪ Student Research Workshop 2020 (ACL)	
▪ Human And Machine in-the-Loop Evaluation and Learning Strategies 2020 (NeurIPS)	