Anjalie Field

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EMPLOYMENT	**Johns Hopkins University**, Baltimore, MD	
	Assistant Professor, Department of Computer Science	Aug 2023 – Present
	Stanford University, Palo Alto, CA	
	Postdoctoral Researcher, Data Science Fellow	Aug 2022 – Jul 2023
	▪ Advisers: Prof. Dan Jurafsky, Prof. Jennifer Eberhardt	
EDUCATION	**Carnegie Mellon University**, Pittsburgh, PA	
	Ph.D., Language Technologies Institute	Sep 2017 – Present
	▪ Adviser: Prof. Yulia Tsvetkov	
	Princeton University, Princeton, NJ	
	B.A., Computer Science [Magna cum laude]	Sep 2011 – Jun 2015
	▪ Certificates: Language and Culture of Ancient Rome; Language and Culture of Ancient Greece	

AWARDS & HONORS

Wikimedia Foundation Research Award of the Year — 2023
Anjalie Field, Chan Young Park, Kevin Z. Lin, and Yulia Tsvetkov. "Controlled Analyses of Social Biases in Wikipedia Bios", The Web Conference (2022)

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

Magna Cum Laude, Princeton University — 2015

Sigma Xi, Associate Member — 2015 – Present

National Merit Scholar — 2011

PEER-REVIEWED CONFERENCE & JOURNAL PUBLICATIONS

Anjalie Field, Prateek Verma, Nay San, Jennifer L. Eberhardt, and Dan Jurafsky "Developing Speech Processing Pipelines for Police Accountability" (2023), INTERSPEECH Conference https://arxiv.org/abs/2306.06086

Maria Antoniak, **Anjalie Field**, 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, https://aclanthology.org/2023.acl-demo.36/

Nupoor Gandhi, **Anjalie Field**, and Emma Strubell. "Mention Annotations Alone Enable Efficient Domain Adaptation for Coreference Resolution" (2023), Annual Meeting of the Association for Computational Linguistics (ACL) https://aclanthology.org/2023.acl-long.588/

Anjalie Field, 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) https://dl.acm.org/doi/abs/10.1145/3593013.3594094

Inna Wanyin Lin*, Lucille Njoo*, **Anjalie Field**, 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) https://aclanthology.org/2022.emnlp-main.139/

Chan Young Park*, Julia Mendelsohn*, **Anjalie Field***, and Yulia Tsvetkov. "Challenges in Opinion Manipulation Detection: An Examination of Wartime Russian Media" (2022), Findings of EMNLP https://aclanthology.org/2022.findings-emnlp.382.pdf.

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.

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

NLP for High-risk Data — Nov 2023
Northwestern University, Department of Linguistics Seminar

Race and Racism in Natural Language Processing (NLP) — Sep 2022
Amazon Web Services

Measuring Stereotypes, Bias, and Prejudice in Narrative and Dialog Text — Sep 2022
DuoLingo

Race and Racism in Natural Language Processing (NLP) — Feb 2022
University of Washington, RAISE Seminar

Building Language Technologies for Analyzing Online Activism — Nov 2021

	Cognitive Science Seminar at the University of Memphis	
	Distantly-supervised Language Technologies for Social Text Analysis Linguistics Brown Bag Talks at Montclair State University	Nov 2021
	Building Language Technologies for Analyzing Online Activism Center for Information Technology Policy (CITP) Seminar at Princeton University	Oct 2021
	NLP Methods for Identifying Gender Bias Women in CS Seminar at Stanford University	May 2021
	Detection of Stereotypes, Bias, and Prejudice in Text NLP Seminar at Stanford University	May 2021
	Reducing Confounding Variables in Social Text Processing Educational Testing Service (ETS)	Mar 2021
	Unsupervised Discovery of Implicit Gender Bias PhD Introductory Meeting at the University of Washington	Mar 2021
INVITED WORKSHOP PARTICIPATION	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

TEACHING

AI Ethics and Social Impact (Instructor)   Fall 2023
- Johns Hopkins University, http://ai-ethics-601-770.cs.jhu.edu/fa2023

Algorithms for NLP (TA)   Fall 2019
- Carnegie Mellon University, facilitated homework assignments on topics like language modeling; delivered lectures and recitations

Computational Ethics for NLP (TA)   Spring 2019; Spring 2020
- Carnegie Mellon University, facilitated homework assignments on topics like hate speech detection; delivered lectures on propaganda and bias; advised projects on fake news and media bias

Guest Lectures
- Massachusetts Institute of Technology, Natural Language Processing, "Ethics and NLP"   Fall 2022
- Johns Hopkins University, Advances in Self-supervised Models, "Social Applications of Pre-trained LMs"   Fall 2022
- University of Minnesota, Introduction to NLP Research, "Computational Social Science / Social NLP"   Spring 2022
- Carnegie Mellon University, Algorithms for NLP, "Computational Social Science"   Fall 2018; Fall 2021
- University of Pittsburgh, Ethics and Fairness in AI Seminar, "Contextual Affective Analysis"   Spring 2021

MENTORSHIP

- Jamie Rosas-Smith, JHU PhD student   Sep 2023 – Present
- Krithika Ramesh, JHU PhD student   Sep 2023 – 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

Google Research, *Research Intern*, New York, NY   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.

Five Rings Capital, *Software Developer*, New York, NY   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

Professional Activities
- Ethics Chair for Annual Conference of the North American Chapter of ACL (NAACL)   2024
- Tutorials Chair for International AAAI Conference on Web and Social Media (ICWSM)   2024
- Organizer for Workshop on NLP and Computational Social Science   2024
- Organizer for Workshop on NLP for Positive Impact at ACL   Aug 2021
- Invited Panelist at NLP for Internet Freedom Workshop at NAACL   Jun 2021
- Organizer for CMU Graduate Application Support program   Aug 2020 – Dec 2020, Aug 2021 – Dec 2021

Conference Area Chair
- EMNLP 2023, Computational Social Science
- EMNLP 2022, Computational Social Science

Conference Reviewing
- CSCW 2023
- FAccT 2023
- 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

Workshop Reviewing
- 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)

Carnegie Mellon Department Service
- Member of Director search committee   Aug 2021 – Present
- Member of department committee for advisor matching   Aug 2020 – Aug 2021
- Member of student volunteer committee for faculty hiring   Nov 2020 – Mar 2021
- Founder and organizer of reading group on race and NLP   Aug 2020 – Aug 2021
- Member of Dean's advisory committee for antiracism   Aug 2020 – Aug 2021
- Department representative to Graduate Student Assembly, member of External Affairs Committee   Jan 2019 – Jan 2020

Archery Instructor *Certified USA Level 3*
- Falcon Archers, PA: Volunteer coach for adult and youth classes   Nov 2017 – Aug 2021
- Gotham Archery, NY: Senior instructor for adult and youth classes, Range Safety Officer   Aug 2015 – Aug 2017
- Princeton University, NJ: Founder and President of Princeton Club Archery   Dec 2012 – Jun 2015
- Wa-Xo-Be Archers, NJ: Volunteer instructor for community programs   Sep 2012 – Jun 2013
- Middletown Archery, PA: Assistant instructor for youth group   Sep 2008 – Jun 2011