

## ACADEMIC POSITIONS

2020-present Assistant Professor of Linguistics and of Computer Science (by courtesy) Northwestern University  
Faculty Affiliations: Institute for Policy Research, Cognitive Science Program

## EDUCATION

2019-2020 Postdoctoral Scholar in Computer Science Stanford University  
Advisor: Dan Jurafsky

2014-2019 Ph.D. in Linguistics Stanford University  
Dissertation: *Computational Linguistic Models of Police-Community Interaction*  
Committee: Dan Jurafsky (chair), John R. Rickford, Penelope Eckert,  
Robert J. Podesva, Jennifer L. Eberhardt

2011-2013 M.A. in East Asian Studies Stanford University  
Thesis: *Computational Linguistics for Literature: Case Studies in Chinese*  
Advisor: Dan Jurafsky

2010-2011 Fulbright Scholar in Translation Theory National Taiwan Normal University

2009 Graduate Certificate in China Studies The Hopkins-Nanjing Center

2008 B.A. in Chinese, with Departmental and General Honors. Vassar College

## AWARDS

2018 Cialdini Prize for “an outstanding contribution that uses field methods and demonstrates relevance to outside groups,” Society for Personality and Social Psychology

2017 Cozzarelli Prize for Best Paper in the Behavioral and Social Sciences, Proceedings of the National Academy of Sciences

2016-2019 Michelle and Kevin Douglas Stanford Interdisciplinary Graduate Fellowship, Stanford University

2014-2016 Jeanne and Bud Milligan Fellowship in Humanities and Sciences, Stanford University

2014 2nd Place Best Paper, Speech Prosody 7

2012 Adolph Sutro Fellowship for Graduate Study, Vassar College

2011-2012 Foreign Languages and Area Studies Fellowships, Chinese (2011) and Japanese (2012), Stanford University

2008 Michael W. and Christa Gubener Percopo Fellowship, The Hopkins-Nanjing Center

2007 Frances W. Pick Fellowship, Vassar College

2006 Freeman-ASIA Summer Award (Chinese), Institute of International Education

## GRANTS

2021-present Co-PI, *Enhancing Procedural Justness of Encounters Through Substantiation (EPJETS): The Atlantic County Randomized Controlled Trial*. National Institute of Justice. Total amount \$702,956.

## PUBLICATIONS

- 2023 Qingcheng Zeng, Lucas Garay, Peilin Zhou, DaDing Chong, Yining Hua, Jiageng Wu, Yikang Pan, Han Zhou, **Rob Voigt**, and Jie Yang. *GreenPLM: Cross-Lingual Transfer of Monolingual Pre-Trained Language Models at Almost No Cost*. Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI 2023).
- Mourad Heddaya, Solomon Dworkin, Chenhao Tan, **Rob Voigt**, and Alexander Zentefis. *The Language of Bargaining*. Proceedings of the Association for Computational Linguistics (ACL 2023).
- Suet-Ying Lam, Qingcheng Zeng, Kexun Zhang, Chenyu You and **Rob Voigt**. *Large Language Models Are Partially Primed in Pronoun Interpretation*. Findings of the Association for Computational Linguistics (ACL 2023 Findings).
- 2022 Ran Abramitzky, Leah Boustan, Peter Catron, Dylan Connor, and **Rob Voigt**. *Refugees without Assistance: English-Language Attainment and Economic Outcomes in the Early Twentieth Century*. SocArXiv pre-print, under revision at American Sociological Review.
- Dallas Card, Serina Chang, Chris Becker, Julia Mendelsohn, **Rob Voigt**, Leah Boustan, Ran Abramitzky, Dan Jurafsky. *Computational analysis of 140 years of US political speeches reveals more positive but increasingly polarized framing of immigration*. Proceedings of the National Academy of Sciences (PNAS).
- 2021 Nicholas P. Camp, **Rob Voigt**, Dan Jurafsky, and Jennifer L. Eberhardt. *The Thin Blue Waveform: Racial Disparities in Officer Prosody Undermine Institutional Trust in the Police*. Journal of Personality and Social Psychology.
- 2019 Dorottya Demszky, Nikhil Garg, **Rob Voigt**, James Zou, Matthew Gentzkow, Jesse Shapiro, and Dan Jurafsky. *Analyzing Polarization in Social Media: Method and Application to Tweets on 21 Mass Shootings*. Proceedings of the Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL 2019).
- 2018 **Rob Voigt**, David Jurgens, Vinodkumar Prabhakaran, Dan Jurafsky, and Yulia Tsvetkov. 2018. *RtGender: A Corpus of Responses to Gender for Studying Gender Bias*. Proceedings of the Language Resources and Evaluation Conference (LREC 2018).
- 2017 **Rob Voigt**, Nicholas P. Camp, Vinodkumar Prabhakaran, William L. Hamilton, Rebecca C. Hetey, Camilla M. Griffiths, David Jurgens, Dan Jurafsky, and Jennifer L. Eberhardt. 2017. *Language from police body camera footage shows racial disparities in officer respect*. Proceedings of the National Academy of Sciences (PNAS). *Cozzarelli Prize*. *Cialdini Prize*.
- 2016 **Rob Voigt**, Penelope Eckert, Dan Jurafsky, and Robert J. Podesva. *Cans and cants: Computational potentials for multimodality with a case study in head position*. Journal of Sociolinguistics 20 (5), 677-711.
- Rob Voigt**, Dan Jurafsky, and Meghan Sumner. *Between- and Within-Speaker Effects of Bilingualism on F0 Variation*. Proceedings of Interspeech 2016, 1122-1126.
- 2015 **Rob Voigt** and Dan Jurafsky, 2015. *The Users Who Say "Ni": Audience Identification in*

- Chinese-language Restaurant Reviews.** Proceedings of the 53rd Meeting of the Association of Computational Linguistics (ACL), Short Papers, 314-319.
- Robert J. Podesva, Patrick Callier, **Rob Voigt**, and Dan Jurafsky. **The Connection Between Smiling and GOAT Fronting: Embodied Affect in Sociophonetic Variation.** Proceedings of the International Congress of Phonetic Sciences 18.
- 2014 Mengqiu Wang, **Rob Voigt**, and Christopher D. Manning. **Two Knives Cut Better Than One: Chinese Word Segmentation with Dual Decomposition.** Proceedings of the 52nd Meeting of the Association of Computational Linguistics (ACL), Short Papers, 193-198.
- Rob Voigt**, Robert J. Podesva and Dan Jurafsky. **Speaker Movement Correlates with Prosodic Indicators of Engagement.** Proceedings of Speech Prosody 7, 70-74. *2nd Place Best Paper.*
- 2013 Spence Green, Daniel Cer, Kevin Reschke, **Rob Voigt**, John Bauer, Sida Wang, Natalia Silveira, Julia Neidert, and Christopher D. Manning, 2013. **Feature-Rich Phrase-based Translation: Stanford University's Submission to the WMT 2013 Translation Task.** Proceedings of the Eighth Workshop on Statistical Machine Translation (WMT 2013).
- Rob Voigt** and Dan Jurafsky. **Tradition and Modernity in 20th Century Chinese Poetry.** Proceedings of the North American Association for Computational Linguistics (NAACL 2013), Second Workshop on Computational Linguistics for Literature.
- 2012 **Rob Voigt** and Dan Jurafsky. **Towards a Literary Machine Translation: The Role of Referential Cohesion.** Proceedings of the North American Association for Computational Linguistics (NAACL 2012), Workshop on Computational Linguistics for Literature.

## PRESENTATIONS

- 2023 **Rob Voigt**, "Respect and Consent in Institutional Interactions." Invited talk, Philosophy and Linguistics Workshop Series (PhLing), Northwestern University. May 2023.
- 2022 **Rob Voigt**, "Computational Linguistics and the Linguistic Mechanisms of Procedural Justice." Colloquium presentation, University of Texas at Austin, Linguistics Department. April 2022.
- Rob Voigt**, "Computational Linguistics for Understanding Police-Community Interaction." Presentation to David Yeager's Lab Meeting, University of Texas at Austin. March 2022.
- 2021 **Rob Voigt**, "Language and Immigration: Historical Views from Personal and Political Speech." Colloquium presentation, University of Chicago Language Evolution, Acquisition & Processing Workshop, November 2021.
- Rob Voigt**, "Developing a Linguistically-Informed Procedural Justice Training and Quantifying its Impact." Panel presentation, Association of Applied Linguistics, February 2021.
- 2018 Yulia Tsvetkov, Vinodkumar Prabhakaran, and **Rob Voigt**, "**Socially Responsible Natural Language Processing.**" Tutorial Presentation, North American Association for Computational Linguistics. June 2018, New Orleans, Louisiana.
- Rob Voigt**, "Implicit Attitudes, NLP, and the 'Real World'." Invited Talk, Berkeley NLP Seminar. March 2018, Berkeley, California.
- 2016 **Rob Voigt**, Dan Jurafsky, and Meghan Sumner, "Between- and Within-Speaker Effects of Bilingualism on F0 Variation." Poster presentation, Interspeech. September 2016, San Francisco, California.
- 2015 **Rob Voigt** and Dan Jurafsky. "The Users Who Say 'Ni': Audience Identification in

Chinese-language Restaurant Reviews.” Poster presentation, Association for Computational Linguistics Annual Meeting. June 2015, Beijing, China.

Robert J. Podesva, Patrick Callier, **Rob Voigt**, and Katherine Hilton. “The voice embodied: Bringing the quantitative analysis of body movement into the study of phonation.” Poster presentation, New Ways of Analyzing Variation (NWAV). October 2015, Toronto, Canada.

2014 Mengqiu Wang, **Rob Voigt** and Christopher D. Manning. “Two Knives Cut Better Than One: Chinese Word Segmentation with Dual Decomposition.” Poster presentation, Association for Computational Linguistics Annual Meeting. June 2014, Baltimore, Maryland.

**Rob Voigt**, Robert J. Podesva, and Dan Jurafsky. “Speaker Movement Correlates with Prosodic Indicators of Engagement.” Oral presentation, Speech Prosody 7. May 2014, Trinity College, Dublin, Ireland.

2013 **Rob Voigt** and Dan Jurafsky. “Tradition and Modernity in 20th Century Chinese Poetry.” Oral presentation, NAACL Computational Linguistics for Literature Workshop. Atlanta, Georgia.

2012 **Rob Voigt** and Dan Jurafsky. “Towards a Literary Machine Translation: The Role of Referential Cohesion.” Oral presentation, NAACL Workshop on Computational Linguistics for Literature. June 2012, Montreal, Québec, Canada.

## TEACHING

- Spring 2023 Instructor, *Introduction to Computational Linguistics*, Northwestern University
- Winter 2023 Instructor, *Text Processing for Linguists*, Northwestern University
- Winter 2022 Instructor, *Seminar in Linguistics: Computation and Interaction*, Northwestern University
- Fall 2021 Instructor, *Introduction to Computational Linguistics*, Northwestern University
- Spring 2021 Instructor, *Introduction to Computational Linguistics*, Northwestern University
- Winter 2021 Instructor, *Text Processing for Linguists*, Northwestern University
- Spring 2020 Instructor, *Text Processing for Linguists*, Northwestern University
- 2018 Teaching Assistant, *From Language to Information*, with Dan Jurafsky, Stanford University
- 2018 Research Mentor, *AI4ALL Summer Program*, Stanford University
- 2016 Teaching Assistant, *Language and Gender*, with Penelope Eckert, Stanford University
- 2015-2016 Linguistics Corpus Teaching Assistant, with Christopher D. Manning, Stanford University

## ACADEMIC SERVICE

- 2014-present Program Committee Member and Reviewer for ACL, EMNLP, NAACL, EACL, LREC, COLING; workshops on Computational Linguistics for Literature, Ethics in NLP, Coreference Beyond Ontonotes, Abusive Language Workshop, Online Abuse and Harms, NLP for Positive Impact
- 2020-present Journal standing reviewer, *Computational Linguistics*
- 2023 Area Chair, Computational Social Science and Cultural Analytics Track, *EMNLP 2023*. Singapore.
- 2021 Area Chair, NLP for Social Good Theme Track, *ACL-IJCNLP 2021*. Bangkok, Thailand.
- 2021 Mentor (for Syed Haque), ACL Mentoring Reviews. Association for Computational Linguistics (ACL) 2021.

- 2020 Mentor (for Amanda Buddemeyer), [ACL Student Research Workshop](#). Association for Computational Linguistics (ACL) 2020, Seattle, Washington.
- 2018 Co-organizer, [ACL Student Research Workshop](#). Association for Computational Linguistics (ACL) 2018, Melbourne, Australia.
- 2018 Co-organizer, [Second Workshop on Abusive Language Online](#). Empirical Methods in Natural Language Processing (EMNLP) 2018, Brussels, Belgium.
- 2015-2016 Graduate Student Representative, Stanford Linguistics
- 2015-2016 Student Member, Faculty Senate Committee on Research, Stanford University

## SKILLS

<i>Computational</i>	Python (PyTorch, scikit-learn, pandas, numpy), R, Java, C++, $\text{\LaTeX}$ , Unix Natural language processing, machine learning, computer vision, neural networks, statistics Web development with Python, JavaScript, HTML5 (for example, <a href="http://nlp.stanford.edu">nlp.stanford.edu</a> )
<i>Natural Languages</i>	MANDARIN CHINESE · Fluent JAPANESE · Advanced HOKKIEN CHINESE, SPANISH, SWAHILI · Basic