

# Stanford

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## Dora Demszky

Assistant Professor of Education and, by courtesy, of Computer Science  
Graduate School of Education

 Curriculum Vitae available Online

### CONTACT INFORMATION

- **Admin. Support**

Luci Parker

**Email** [luparker@stanford.edu](mailto:luparker@stanford.edu)

### Bio

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#### BIO

Dr. Demszky is an Assistant Professor in Education Data Science at the Graduate School of Education at Stanford University. She works on developing natural language processing methods to support equitable and student-centered instruction. She has developed tools to give feedback to teachers on dialogic instructional practices, to analyze representation in textbooks, measure the presence of dialect features in text, among others. Dr Demszky has received her PhD in Linguistics at Stanford University, supervised by Dr Dan Jurafsky. Prior to her PhD, Dr. Demszky received a BA summa cum laude from Princeton University in Linguistics with a minor in Computer Science.

#### ACADEMIC APPOINTMENTS

- Assistant Professor, Graduate School of Education
- Assistant Professor (By courtesy), Computer Science

#### HONORS AND AWARDS

- Rising Star in AI for Social Good, Harvard CRCS (2021)

#### PROFESSIONAL EDUCATION

- Ph.D., Stanford University , Linguistics (2023)
- B.A., Princeton University , Linguistics (2017)

### Research & Scholarship

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#### RESEARCH INTERESTS

- Curriculum and Instruction
- Data Sciences
- Social and Emotional Learning
- Teachers and Teaching
- Technology and Education

## Teaching

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### COURSES

#### 2022-23

- Education Data Science Capstone Projects: EDUC 259D (Aut)
- Education Data Science Capstone Projects: EDUC 259E (Win)
- Education Data Science Seminar: EDUC 259C (Spr)

### STANFORD ADVISEES

#### Orals Chair

Alex Tamkin

#### Master's Program Advisor

Tom Cheng, Akshatha Kamath, Ashley Zhang, Sibe Zhang, Jiner Zheng

#### Doctoral Dissertation Co-Advisor (AC)

Rose Wang

## Publications

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### PUBLICATIONS

- **Measuring Conversational Uptake: A Case Study on Student-Teacher Interactions** *Proceedings of the 59th Annual Meeting of the Association for Computational Linguistics (ACL)*  
Demszky, D., Liu, J., Mancenido, Z., Cohen, J., Hill, H., Jurafsky, D., Hashimoto, T.  
2021
- **Learning to Recognize Dialect Features** *Proceedings of the 19th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*  
Demszky, D., Sharma, D., Clark, J. H., Prabhakaran, V., Eisenstein, J.  
2021
- **The Role of Verb Semantics in Hungarian Verb-Object Order** *Proceedings of the Linguistic Society of America (LSA)*  
Demszky, D.  
2021