Olivia Yiyun FAN (she/her)

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EDUCATION

Present	**Doctor of Philosophy**, Linguistics, University of Pittsburgh
08/2022	**Summer School**, Languages and Linguistics, Leiden University
01/2022	**Master of Arts**, English Language and Linguistics, National University of Singapore
06/2020	**Bachelor of Arts**, English Language and Literature, Shaoxing University

RESEARCH INTERESTS

PRIMARY: Sociophonetics; language, gender, and sexuality; computational linguistics.

SECONDARY: First/second language acquisition; education and technology.

PROFESSIONAL WORKING EXPERIENCE

2023-2025   Research Associate, Department of Mathematics, National University of Singapore

- Led and managed project operations and research designs.
- Collected and analyzed student data and feedback (~2,500 undergraduate students).
- Wrote regular deliverables and coordinated research assistant teamwork.

2022-2024   Project Associate, English Language Centre, The Hong Kong Polytechnic University

- Led and managed project operations and research designs.
- Developed learning resources and assisted with a web application development (~1,000 users).
- Wrote regular deliverables and hosted briefings and workshops.

2021-2022   Linguistics Consultant, Lalia Private Limited Singapore

- Created a rule-based annotation tagger in collaboration with engineering team.
- Conducted machine learning research and designed learning content for L2-English learners in Japan.

2021   Research Assistant (Part-time), Lee Kuan Yew School of Public Policy

- Conducted interview transcription and provided translation between Mandarin Chinese and English.

PUBLICATIONS & CONFERENCE PROCEEDINGS

2025   Fan, Yiyun, Kah Loon Ng and Wan Mei Amanda Soon. Curriculum reform in data science education: Enhancing learning outcomes with scaffolding learning through data storytelling (SLDS). *Proceedings of the 16th Asian Conference on Education (ACE) 2024*. https://doi.org/10.22492/issn.2186-5892.2025.130

2024   Fan, Yiyun, Sheng Tan and Grace Yuk Wan Lim. EAP teacher feedback in the age of AI: Supporting first-year students in EFL disciplinary writing. *Australian Journal of Applied Linguistics* 7(3). https://doi.org/10.29140/ajal.v7n3.1943

MANUSCRIPTS UNDER REVIEW & IN PREPARATION

Under review   **Fan, Yiyun**, Wan Mei Amanda Soon and Kah Loon Ng. Self-regulated learning in data science: Designing and refining a data storytelling-driven approach through students' perspectives. *Journal of Statistics and Data Science Education.*

Under review   **Fan, Yiyun** and Ke Liao. "Hot dad? Nah, it's a hot uncle era!": Digital (re)circulation and multimodal construction of the Uncle Roger persona. *Social Semiotics.*

In preparation   **Fan, Yiyun** and Ke Liao. Daddy discourse: Redefining desirable masculinity in contemporary China.

In preparation   **Fan, Yiyun** and Ke Liao. Daddy discourse and virtual female sexual desire in China

In preparation   **Fan, Yiyun**. Green tea bi*ch and jiazi yin: Voice quality and perception manipulation on Chinese social media.

AWARDS, FELLOWSHIPS & SCHOLARSHIPS

2025	Dietrich School of Arts and Sciences Fellowship
2020	National Honor Undergraduate Award
2020	Outstanding Undergraduate Thesis Award
2019	First Award in Zhejiang Provincial Teaching Skills Competition (TESL)
2019	People's Republic China National Scholarship
2018	Third Prize in East China Regional English Debate Competition
2018; 2017	Zhejiang Provincial Scholarship
2019; 2018; 2017	University First-Class Scholarship

PARTICIPATED PROJECTS

2023-2025   Moving an Undergraduate Population from Data Literacy Toward Data Storytelling

- **Funding**: Tertiary Education Research Fund from Singapore Ministry of Education (MOE).
- **Principal Investigator**: Associate Professor Ng Kah Loon.

2022-2024   Technology-Enabled English Across the Curriculum

- **Funding**: Community of Practice (CoP) seed fund from Hong Kong University Grants Committee (UGC).
- **Principal Investigator**: Dr. Chen Siu Wah Julia.

2019-2020   Acquisition of English Grammar Based on Pragmatic Use & Mentality of High School Students

- **Funding**: Department Student Research Grant (for undergraduate thesis).
- **Supervisor**: Professor Yuan Xiufeng.

2018-2019   Penetration of Traditional Chinese Culture in Middle School English Pedagogy Design

- **Funding**: Department Research Grant.
- **Principal Investigator**: Professor Yuan Xiufeng.

CONFERENCES UPCOMING & ATTENDED

03/2026 **Fan, Yiyun** and Ke Liao. "Daddy discourse" and virtual female sexual desire in Chinese online discourse [paper presentation]. American Association for Applied Linguistics (AAAL) 2026 Conference. Sheraton Chicago Riverwalk, Illinois.

12/2025 **Fan, Yiyun**, Kah Loon Ng and Wan Mei Amanda Soon. Data storytelling in project-based learning: Building career-readiness in data science through student teamwork and collaboration [paper presentation]. Higher Education Conference in Singapore (HECS) 2025, National University of Singapore, Singapore.

06/2025 **Fan, Yiyun** and Ke Liao. "Hot uncle" as the new sexuality: Re-creating a Southeast Asian uncle identity in online discourse [lecture presentation]. The 19th International Pragmatics Conference (IPrA25), University of Queensland, Brisbane. [abstract] [slides]

06/2025 **Fan, Yiyun**, Kah Loon Ng and Wan Mei Amanda Soon. Data storytelling in project-based learning as a multidisciplinary tool: Preparing undergraduate students' career readiness [poster presentation]. The 8th Annual Conference of the Mathematical Cognition and Learning Society (MCLS 2025), The Education University of Hong Kong, Hong Kong S.A.R. [poster]

04/2025 **Fan, Yiyun**, Kah Loon Ng and Wan Mei Amanda Soon. Creative data science learning: Unveiling the impact of scaffolding learning through data storytelling [virtual presentation]. International Conference on Education in Mathematics, Science and Technology (ICEMST) 2025, Megasaray Westbeach Antalya, Turkey.

12/2024 **Fan, Yiyun**, Wan Mei Amanda Soon and Kah Loon Ng. Opportunities for students' wellbeing: Enhancing perceptions of data science through data storytelling in a diverse classroom context [poster presentation]. Higher Education Conference in Singapore (HECS) 2024, National University of Singapore, Singapore. [abstract]

11/2024 **Fan, Yiyun**, Kah Loon Ng and Wan Mei Amanda Soon. Curriculum reform in data science education: Enhancing learning outcomes with scaffolding learning through data storytelling (SLDS) [paper presentation]. The 16th Asian Conference on Education (ACE2024), Toshi Center Hotel, Tokyo. [abstract]

06/2024 **Fan, Yiyun**. Masculinity representation in dating app profiles of Singaporean heterosexual men [Paper presentation]. Sociolinguistics Symposium 25 (SS25), Curtin University, Perth. [abstract]

11/2022 **Fan, Yiyun**. Masculinity representation in dating app profiles of Singaporean heterosexual men (preliminary results) [virtual presentation]. The 1st International Forum on Study of Language Data Science and Applications for Young Scholars, The Institute of Corpus Studies and Applications, Shanghai.

LANGUAGES & COMPUTATIONAL SKILLS

LANGUAGES: Mandarin Chinese (native-level), Wu Chinese (native-level), English (native-level), Cantonese (proficient), French (proficient).

PROGRAMMING LANGUAGES: R language, Python | **SOFTWARE**: AntConc, ATLAS.ti, Audition CC, ELAN, EndNote, Figma, Microsoft tools, Miro, Notion, NVivo, Qualtrics, SPSS, Stata, Optimality Theory Software, Photoshop, Praat, Wmatrix, WordSmith