

Meng Jiang, Ph.D.

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Work and Education Experience

Associate Professor with Tenure	2023 –
Director of Foundation Models Lab and Fellow at Lucy Institute	2024 –
Assistant Professor	2017 – 2023
<i>Computer Science and Engineering, University of Notre Dame</i>	
Postdoctoral Research Associate	2015 – 2017
<i>Computer Science, University of Illinois at Urbana-Champaign</i>	
Research Assistant	Ph.D. 2010 – 2015
<i>Computer Science, Tsinghua University</i>	B.E. 2006 – 2010

Google Scholar: <https://scholar.google.com/citations?user=LZIPfCkAAAAJ>

Citations: 9318; h-index: 50; i10-index: 125

(3/18/2025)

Selected Grants and Awards

NSF CAREER: “NLP for mental health”	\$549,969 (sole PI)	03/15/2022 – 02/28/2027
NSF III: “Knowledge and Reasoning”	\$599,962 (sole PI)	06/01/2023 – 05/31/2026
NSF III: “Graph data augmentation”	\$515,999 (sole PI)	03/01/2022 – 02/28/2025
NSF CRII: “Complementarity learning”	\$174,910 (sole PI)	10/01/2019 – 09/30/2021
ONR: “Network intrusion detection”	\$459,251 (sole PI)	06/01/2022 – 05/31/2025
NSF RI: “Retrieval augmented NLG”	\$515,982 (co-PI)	07/01/2022 – 06/30/2025
NSF RETTL: “AI for Education”	\$849,994 (co-PI)	09/15/2021 – 08/31/2024
Outstanding Paper Award at EMNLP		2023
Distinguished Paper Award at ACM ICSE		2021
Best Paper Award at ACM KDD-DLG		2020
Best Paper Finalist at ACM SIGKDD		2014

Recent Peer-reviewed Conference Papers

- [1] Liu, ..., Jiang. “Protecting Privacy in Multimodal Large Language Models with MLLMU-Bench,” in *NAACL* 2025.
- [2] Zhang, ..., Jiang. “IHEval: Evaluating Language Models on Following the Instruction Hierarchy,” in *NAACL* 2025.
- [3] Liu, ..., Jiang. “Multimodal Large Language Models for Inverse Molecular Design with Retrosynthetic Planning,” in *ICLR* 2025.
- [4] Liu, ..., Jiang. “Learning Molecular Representation in a Cell,” in *ICLR* 2025.

Recent Conference Tutorials (from 15 tutorials)

- [5] Zhang, Lou, Jiao, Yin, Jiang. “Advancing Language Models through Instruction Tuning: Recent Progress and Challenges,” in *EMNLP* 2025.
- [6] Zhu, Xu, Ren, Lin, Jiang, Yu. “Knowledge-Augmented Methods for Natural Language Processing,” in *WSDM* 2023.

Recent Peer-reviewed Journal Papers

- [7] Xu, ..., Jiang. “Transcend the Boundaries: Machine Learning for Designing Polymeric Membrane Materials for Gas Separation,” in *Chemical Physics Reviews* 2024.
- [8] Xu, ..., Jiang. “Superior Polymeric Gas Separation Membrane Designed by Explainable Graph Machine Learning,” in *Cell Reports Physical Science* 2024.

Courses Taught

CSE 40647/60647 Data Science: ~15 juniors, ~50 seniors, and ~15 graduates

- *Fall 2017, Spring 2018, Fall 2018, Fall 2019, Fall 2020, Fall 2021, Fall 2022, Spring 2025*

CSE 60326 Computational Behavior Modeling: ~20 graduates

- *Spring 2020, Spring 2021, Spring 2022, Spring 2023*

CSE 60556 Large Language Models: ~30 graduates

- *Fall 2024*

Organizing Committee

(Organized 10 Workshops in Conferences such as KDD, AAI, ACL, and EMNLP.)

Tutorial Chair, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**) 2025

Web Chair, ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (**KDD**) 2023 and 2024

Doctoral Consortium Chair, ACM Conference on Web Search and Data Mining (**WSDM**) 2022

Publication Chair, ACM International Conference on Knowledge Management (**CIKM**) 2021

Co-Chair, the 4th Workshop on Knowledge Augmented Methods for NLP (**KnowledgeNLP**) at NAACL 2025; the 3rd KnowledgeNLP at ACL 2024; the 2nd KnowledgeNLP at KDD 2023; the 1st KnowledgeNLP at AAI 2023

Co-Chair, Workshop on Data Mining in IT Operations (**BigData-IT**) at IEEE BigData 2022

Co-Chair, Workshop on Misinformation and Misbehavior Mining on the Web (**MIS2**) at ACM SIGKDD 2022, SIGKDD 2021, and WSDM 2018

Program Committee

- AAI Conference on Artificial Intelligence (AAI):
(PC: 2017--2021, SPC: 2022—2024)
- ACM SIGKDD Int'l Conf. on Knowledge Discovery and Data Mining (KDD)
(PC: 2018--2021, SPC: 2022--2025)
- ACM International Conference on Knowledge Management (CIKM):
(PC: 2017--2019, SPC: 2020--2025)

Professional Membership

- IEEE (92705271): Member (2015-2022), Senior Member (2023-)
- ACM (5577262): Member (2018-2022), Senior Member (2023-)
- ACL (mjiaang89): Member (2023-2027)