Meng Jiang, Ph.D.

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Work and Education Experience

Associate Professor with Tenure		2023 –
Assistant Professor		2017 – 2023
Computer Science and Engineering, University of Notre Dame		
Postdoctoral Research Associate		2015 – 2017
Computer Science, University of Illinois at Urbana-Champaign		
Research Assistant	Ph.D.	2010 – 2015
Computer Science, Tsinghua University	B.E.	2006 – 2010

Google Scholar: https://scholar.google.com/citations?user=LZIPfCkAAAAJ
Citations: 5373; h-index: 38; i10-index: 80 (07/07/2023)

Awards, Gift, and Grants

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 SHF: "Semantic mining and learning"	$1,035,030 (co-PI)	08/15/2019 – 08/14/2023
NSF RETTL: "AI for Education"	$849,994 (co-PI)	09/15/2021 – 08/31/2024
Amazon Award: "Graph learning"	$20,000 (sole PI)	2021
Distinguished Paper Award at ACM ICSE		2021
Best Paper Award at ACM KDD-DLG		2020
Best Paper Finalist at ACM SIGKDD		2014

Selected Recent Peer-reviewed Conference Papers (**78** papers, inc. **16** KDD)

[1] Liu, Zhao, Inae, <u>Jiang</u>. "Semi-supervised Graph Imbalanced Regression," in *KDD* 2023.
[2] Ziems, Yu, Zhang, <u>Jiang</u>. "Large Language Models are Built-in Autoregressive Search Engines," in *ACL* 2023.
[3] Yu, Iter, Wang, Xu, Ju, Sanyal, Zhu, Zeng, <u>Jiang</u>. "Generate rather than Retrieve: Large Language Models are Strong Context Generators," in *ICLR* 2023.
[4] Zhang, Yu, Zhu, <u>Jiang</u>. "A Unified Encoder-Decoder Framework with Entity Memory," in *EMNLP* 2022.

Selected Recent Conference Tutorials (**14** tutorials in KDD/ACL/EMNLP)

[5] Zhu, Xu, Ren, Lin, <u>Jiang</u>, Yu. "Knowledge-Augmented Methods for Natural Language Processing," in *WSDM* 2023.
[6] Zhu, Xu, Ren, Lin, <u>Jiang</u>, Yu. "Knowledge-Augmented Methods for Natural Language Processing," in *ACL* 2022.

Selected Recent Peer-reviewed Journal Papers (**34** papers)

[7] Zhang, Yu, Ning, Ju, <u>Jiang</u>. "Exploring Contrast Consistency of Open-Domain Question Answering Systems on Minimally Edited Questions," in *TACL* 2023.
[8] Wang, Zhao, Yu, Chawla, <u>Jiang</u>. "Deep Multimodal Complementarity Learning," in IEEE *TNNLS* 2023.

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*

CSE 60326 Computational Behavior Modeling: ~20 graduates
- *Spring 2020, Spring 2021, Spring 2022, Spring 2023*

Organizing Committee

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

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 2nd Workshop on Knowledge Augmented Methods for NLP (**KnowledgeNLP**) at KDD 2023; the 1st Workshop on Knowledge Augmented Methods for NLP at AAAI 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
- AAAI Conference on Artificial Intelligence (AAAI):
  (PC: 2017--2021, SPC: 2022--2023)
- ACM SIGKDD Int'l Conf. on Knowledge Discovery and Data Mining (KDD)
  (PC: 2018--2021, SPC: 2022)
- ACM International Conference on Knowledge Management (CIKM):
  (PC: 2017--2019, SPC: 2020--2022)
- International Joint Conference on Artificial Intelligence (IJCAI):
  (SPC: 2021)
- The Web Conference (WWW):
  (PC: 2018--2022)
- International Conference on Web Search and Data Mining (WSDM):
  (PC: 2019--2022)
- Asia-Pacific Chapter of the Association for Computational Linguistics (AACL):
  (SAC: 2022)
- Annual Meeting of the Association for Computational Linguistics (ACL):
  (Reviewer: 2020--2022)
- Conference on Empirical Methods in Natural Language Processing (EMNLP):
  (Reviewer: 2018--2020; AC: 2021)
- Conference on Neural Information Processing Systems (NeurIPS):
  (Reviewer: 2020--2022)
- International Conference on Learning Representations (ICLR):
  (Reviewer: 2021)
- SIAM Conference on Data Mining (SDM):
  (PC: 2018--2021)

Professional Membership
- IEEE (92705271): Member (2015-2022), Senior Member (2023-)
- ACM (5577262): Member (2018-2022), Senior Member (2023-)
- CCF (92716M): Member (2018-)
- ACL (mjiang89): Member (2023-2027)