

Meng Jiang, Ph.D.

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Work and Education Experience

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|---|-------------------|
| Assistant Professor | 2017 – |
| <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: 3697; h-index: 30; i10-index: 63 (5/26/2022)

Awards, Gift, and Grants

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|---|---------------------|-------------------------|
| NSF CAREER: “Intelligent assistance” | \$549,969 (sole PI) | 03/15/2022 – 02/28/2027 |
| NSF III: “Graph data augmentation” | \$499,999 (sole PI) | 03/01/2022 – 02/28/2025 |
| NSF CRII: “Complementarity learning” | \$174,910 (sole PI) | 10/01/2019 – 09/30/2021 |
| NSF SHF: “Semantic mining and learning” | \$1,035,030 (co-PI) | 08/15/2019 – 08/14/2023 |
| NSF RETTL: “Explanatory captions” | \$849,994 (lead PI) | 09/15/2021 – 08/31/2024 |
| Notre Dame Research Faculty Award | \$43,811 (lead PI) | 05/01/2019 – 08/31/2021 |
| Conde Nast: “Representation learning” | \$148,400 (co-PI) | 01/21/2019 – 05/20/2020 |
| Amazon gift: “Graph learning” | \$20,000 (sole PI) | 2021 |
| Snap Research gift: “Graph learning” | \$10,000 (sole PI) | 2020 |
| 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 (71 papers, including 14 KDD)

- [1] Jiang. “Cross-network learning with partially aligned GCNs,” in *KDD* 2021.
- [2] Zeng, Lin, Yu, Cleland-Huang, Jiang. “Enhancing Taxonomy Completion with Concept Generation via Fusing Relational Representations,” in *KDD* 2021.
- [3] Wang, Jiang, Syed, Conway, Juneja, Subramanian, Chawla. “Calendar graph neural networks for modeling time structures in spatiotemporal user behaviors,” in *KDD* 2020.
- [4] Jiang, Zhao, Qin, Liu, Chawla, Jiang. “The Role of Condition: A Novel Scientific Knowledge Graph Representation and Construction Model,” in *KDD* 2019.
- [5] Wang, Jiang, Chawla, Jiang. “TUBE: Embedding Behavior Outcomes for Predicting Success,” in *KDD* 2019.

Selected Recent Conference Tutorials (12 tutorials)

- [6] Yu, Jiang, Hu, Wang, Ji, Rajani. “Knowledge-enriched natural language generation,” to appear in *EMNLP* 2021.
- [7] Jiang, Shang. “Scientific text mining and knowledge graphs,” in *KDD* 2020.

Selected Recent Peer-reviewed Journal Papers (31 papers, including 8 IEEE TKDE)

- [8] Zhao, Jiang, Shah, Jiang. “A synergistic approach for graph anomaly detection with pattern mining and feature learning,” in *IEEE TNNLS*, 2021. (IF=8.793)
- [9] Wang, Zhang, Ma, Zhao, Jiang, Chawla, Jiang. “Modeling co-evolution of attributed and structural information in graph sequence,” in *IEEE TKDE*, 2021. (IF=4.935)