# Meng Jiang, Ph.D.

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## Work and Education Experience

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|---|---|---|
| Assistant Professor | | 2017 – |
| *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: 3127; h-index: 27; i10-index: 50          (11/19/2021)

## Awards, Gift, and Grants

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|---|---|---|
| NSF CRII: "Complementarity learning" | $174,910 (sole PI) | 10/01/2019 – 09/30/2021 |
| NSF SHF: "Semantic mining and learning" | $1,019,030 (co-PI) | 08/15/2019 – 08/14/2023 |
| NSF RETTL: "Explanatory Captions" | $850,000 (co-PI) | 09/15/2021 – 08/31/2024 |
| Notre Dame Research Faculty Award | $43,811 (co-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 | 2021 |
| Snap Research gift: "Graph learning" | $10,000 | 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 (**63** papers, including **12** *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 (**11** 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 (**28** 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=10.451)
[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)
[10] Chou, Jiang, "A survey on data-driven network intrusion detection," in ACM CSUR, 2021. (IF=7.990)