DAISY ZHE WANG
BIOGRAPHICAL SKETCH

Professional Preparation

Institution	Major	Degree and Year
University of California, Berkeley	Computer Science	Ph.D., 2011
University of California, Berkeley	Computer Science	M.S., 2010
University of Toronto	Computer Engineering	B.A.Sc., 2005

Appointments

2017-present Arnold and Lisa Goldberg Rising Star Associate Professor
Department of Computer & Information Science & Engineering,
Director, Data Science Research Lab, University of Florida

2011-2017 Assistant Professor, Department of Computer & Information Science & Engineering,
Director, Data Science Research Lab, University of Florida

2005-2011 Graduate Research Assistant, Electrical Engineering and Computer Science,
University of California, Berkeley, RAD/AMP Lab and Database Research Lab
Advisors: Michael Franklin, Joseph Hellerstein, Minos Garofalakis

Selected Publications

1. **[AAAI]** Ali Sadeghian, Reza Armandpour, Anthony Colas, **Daisy Zhe Wang**: ChronoR: Rotation Based Temporal Knowledge Graph Embedding, AAAI, 2021.
2. **[HLT, LREC]** Anthony Colas, Seokhwan Kim, Franck Dernoncourt, Siddhesh Gupte, **Daisy Zhe Wang**, Doo Soon Kim: TutorialVQA: Question Answering Dataset for Tutorial Videos, LREC, 2020.
3. **[SIAM, SDM]** Xiaofeng Zhou, Ali Sadeghian, **Daisy Zhe Wang**: Mining Rules Incrementally over Large Knowledge Bases, SIAM SDM 2019.
4. **[PeerJ, Journal]** Sergio Marconi, Sarah J. Graves, Dihong Gong, Morteza Shahriari Nia, Marion Le Bras, Bonnie J. Dorr, Peter Fontana, Justin Gearhart, Craig Greenberg, Dave J. Harris, Sugumar Arvind Kumar, Agarwal Nishant, Joshi Prarabdh, Sundeep U. Rege, Stephanie Ann Bohlman, Ethan P. White, **Daisy Zhe Wang**: A data science challenge for converting airborne remote sensing data into ecological information, PeerJ Journal, 2018.
5. **[VLDB, Journal]** Michael Cafarella, Alon Halevy, Hongrae Lee, Cong Yu, **Daisy Zhe Wang**, Eugene Wu: Ten Years of WebTables, Proceedings of the VLDB Endowment, Vol. 11, No. 12, 2018.
6. **[Medical, Journal]** Meghan Brennan, Sahil Puri, Tezcan Ozrazgat-Baslanti, Rajendra Bhat, Zheng Feng, Petar Momcilovic, Xiaolin Li, **Daisy Zhe Wang**, Azra Bihorac, Comparing Clinical Judgement with MySurgeryRisk Algorithm for Preoperative Risk Assessment: A Pilot Study, Surgery, 2019.
7. **[AI and Law]** Ali Sadeghian, Laksshman Sundaram, **Daisy Zhe Wang**, William F. Hamilton, Karl Branting, Craig Pfeifer: Automatic Semantic Edge Labeling over Legal Citation Graphs, Artificial Intelligence and Law, Springer, 2018.
8. **[IJCAI, Multimodal]** Dihong Gong, **Daisy Zhe Wang**: Extracting Visual Knowledge from the Web with Multimodal Learning, The International Joint Conference on Artificial Intelligence(IJCAI) 2017.
9. **[ACM, Multimodal]** Dihong Gong, **Daisy Zhe Wang**, Yang Peng: Multimodal Learning for Web Information Extraction, The ACM Multimedia, 2017.
10. **[VLDB, Journal]** Kun Li, Xiaofeng Zhou, **Daisy Zhe Wang**, Christan Grant, Alin Dobra, Christopher Dudley: In-Database Batch and Query-time Inference over Probabilistic Graphical Models using UDA-GIST, The VLDB Journal, 2017, Vol 26, Issue 2.

11. **[ACM, Journal]** Sean Goldberg, **Daisy Zhe Wang**, Christan Grant: A Probabilistically Integrated System for Crowd-Assisted Text Labeling and Extraction, The ACM Journal of Data and Information Quality, 2017.
12. **[ACM, Journal]** Yang Chen, Xiaofeng Zhou, Kun Li, **Daisy Zhe Wang**: Archimedes: Efficient Query Processing over Probabilistic Knowledge Bases, ACM SIGMOD Record, 2017.
13. **[Medical, Journal]** Bihorac A, Ozrazgat-Baslanti T, Ebadi A, Motaei A, Madkour M, Pardalos PM, Lipori G, Hogan WR, Efron PA, Moore F, Moldawer LL, **Wang DZ**, Hobson CE, Rashidi P, Li X, Momcilovic P: MySurgeryRisk: Development and Validation of a Machine-Learning Risk Algorithm for Major Complications and Death after Surgery, Annals of Surgery, 2018.
14. **[HLT, NAACL]** Miguel Rodriguez, Sean Goldberg, **Daisy Zhe Wang**, Consensus Maximization Fusion of Probabilistic Information Extractors, To Appear Proceedings of the 15th North American Chapter of the Association for Computational Linguistics: Human Language Technologies, 2016.
15. **[IEEE]** Christan Grant, **Daisy Zhe Wang**, Michael Wick, Query-driven Sampling for Collective Entity Resolution, IEEE 17th International Conference on Information Reuse and Integration, 2016
16. **[ACM, SIGMOD]** Yang Chen, Sean Goldberg, **Daisy Zhe Wang**, Soumitra Siddharth Johri. Ontological Pathfinding: Mining First-Order Knowledge from Large Knowledge Bases. In the Proceedings of the ACM SIGMOD International Conference on Management of Data, 2016
17. **[ACM, Journal]** Sean Goldberg, **Daisy Zhe Wang**, Christan Grant, PI-CASTLE: A Probabilistically Integrated System for Crowd-Assisted Text Labeling and Extraction, ACM Journal on Data and Information Quality, 2017.
18. **[VLDBJ, Journal]** Kun Li, Xiaofeng Zhou, **Daisy Zhe Wang**, Christan Grant: In-Database Batch and Query-time Inference over Probabilistic Graphical Models using UDA-GIST. VLDB Journal 2017.
19. **[VLDBJ, Journal]** Yang Chen, **Daisy Zhe Wang**, Sean Goldberg: ScaLeKB: Scalable Learning and Inference over Large Knowledge Bases. VLDB Journal 2016.
20. **[VLDB, Journal]** Xiaofeng Zhou, **Daisy Zhe Wang**, Yang Chen, Kun Li: ArchimedesOne: Query Processing over Probabilistic Knowledge Bases. VLDB 2016.
21. **[VLDB, Journal]** Miguel Rodriguez, Sean Goldberg, **Daisy Zhe Wang**: SigmaKB: Multiple Probabilistic Knowledge Base Fusion. VLDB 2016.
22. **[IEEE, Journal]** Yang Peng, Xiaofeng Zhou, **Daisy Zhe Wang**, Ishan Patwa, Dihong Gong, Victor Chunsheng Fang. Multimodal Ensemble Fusion for Disambiguation and Retrieval. In Proceedings of IEEE Multimedia, 2016.
23. **[ACM, SIGMOD]** Yang Chen, Sean Goldberg, **Daisy Zhe Wang**, Soumitra Siddharth Johri. Ontological Pathfinding: Mining First-Order Knowledge from Large Knowledge Bases. In the Proceedings of the ACM SIGMOD International Conference on Management of Data, 2016
24. **[IEEE]** Yang Peng, **Daisy Zhe Wang**, Ishan Patwa, Dihong Gong, Victor Chunsheng Fang. Probabilistic Ensemble Fusion for Multimodal Word Sense Disambiguation. IEEE International Symposium on Multimedia, 2015
25. **[ACM, Journal]** Christan Grant, **Daisy Zhe Wang**. A Challenge for Long-term Knowledge Base Maintenance. In Proceedings of ACM Journal on Data and Information Quality, 2015.
26. **[VLDB, Journal]** Kun Li, **Daisy Zhe Wang**, Alin Dobra, Christopher Dudley: UDA-GIST: An In-database Framework to Unify Data-Parallel and State-Parallel Analytics. To Appear In Proceedings of Very Large Data Base Endowment (VLDB), pages 557-568, 2015.
27. **[Journal]** Morteza Shahriari Nia, **Daisy Zhe Wang**, Stephanie Ann Bohlman, Paul Gader, Sarah J. Graves, Milenko Petrovic. Impact of Atmospheric Correction and Image Filtering on Hyperspectral Classification of Tree Species Using Support Vector Machine. Journal of Applied Remote Sensing, 2015.

28. **[IEEE, Journal] Daisy Zhe Wang**, Yang Chen, Christan Grant, Kun Li. Efficient In-Database Analytics with Graphical Models. In Proceedings of IEEE Data Engineering Bulletin, 2014.
29. **[ACM, SIGMOD]** Yang Chen, **Daisy Zhe Wang**. Knowledge expansion over probabilistic knowledge bases. In Proceedings of the ACM Special Interest Group on Management of Data (SIGMOD), pages 649-660, 2014.
30. **[AAAI]** Sean Louis Goldberg, **Daisy Zhe Wang**, Tim Kraska: CASTLE: Crowd-Assisted System for Text Labeling and Extraction. In Proceedings of AAAI Conference on Human Computation and Crowdsourcing (HCOMP), 2013.
31. **[VLDB, Journal]** Joseph M. Hellerstein, Christopher Ré, Florian Schoppmann, **Daisy Zhe Wang**, Eugene Fratkin, Aleksander Gorajek, Kee Siong Ng, Caleb Welton, Xixuan Feng, Kun Li, Arun Kumar. The MADlib Analytics Library or MAD Skills, the SQL. In Proceedings of Very Large Data Base Endowment (VLDB), pages 1700-1711, 2012.
32. **[ACM]** Christan Earl Grant, Joir-dan Gumbs, Kun Li, **Daisy Zhe Wang**, George Chitouras: MADden: query-driven statistical text analytics. In Proceedings of the ACM Conference on Information and Knowledge Management (CIKM), pages 2740-2742, 2012.
33. **[VLDB, Journal]** Daisy Zhe Wang, Michael J. Franklin, Minos Garofalakis, and Joseph M. Hellerstein, Querying Probabilistic Information Extraction. Proceedings of 36th Very Large Data Base Endowment (VLDB), 2010, Vol.3: p1057-1067. (Acceptance Rate: 25%)
34. **[VLDB, Journal]** Daisy Zhe Wang, Eirinaios Michelakis, Minos N. Garofalakis, Joseph M. Hellerstein. BayesStore: Managing Large, Uncertain Data Repositories with Probabilistic Graphical Models. Proceedings of 34th Very Large Data Base Endowment (VLDB), 2008, Vol1: p340-351. (Acceptance rate: 16.5%)
35. **[VLDB, Journal]** Michael J. Cafarella, Alon Halevy, Daisy Zhe Wang, Eugene Wu, Yang Zhang. WebTables: Exploring the Power of Tables on the Web.Proceedings of 34th Very Large Data Base Endowment (VLDB), 2008, Vol1: p538-549. (Acceptance rate: 16.5%)
36. **[ACM, SIGMOD]** Daisy Zhe Wang, Michael J. Franklin, Minos Garofalakis, and Joseph M. Hellerstein, Michael L. Wick, Hybrid In-Database Inference for Declarative Information Extraction, Proceedings of ACM SIGMOD International Conference on Management of Data, 2011.
37. **[IEEE, ICDE]** Daisy Zhe Wang, Long Wei, Yunyao Li, Frederick Reiss, and Shivakumar Vaithyanathan, Selectivity Estimation for Extraction Operators over Text Data, Proceedings of 27th IEEE International Conference on Data Engineering (ICDE), 2011. (Acceptance Rate: 19.8%)
38. **[IEEE, ICDE]** Daisy Zhe Wang, Eirinaios Michelakis, Michael J. Franklin, Minos Garofalakis, and Joseph M. Hellerstein, Probabilistic Declarative Information Extraction. Proceedings of 26th IEEE International Conference on Data Engineering (ICDE), 2010, p173-176. (Acceptance Rate: 20%)
39. **[ASA]** David Purdy, Daisy Zhe Wang, Bonsai: Exploration and Cultivation of Machine Learning Models, Proceedings of Joint Statistical Meetings (JSM), 2008.
40. **[IEEE, Journal]** Minos N. Garofalakis, Kurt P. Brown, Michael J. Franklin, Joseph M. Hellerstein, **Daisy Zhe Wang**, Eirinaios Michelakis, Liviu Tancau, Eugene Wu, Shawn R. Jeffery, Ryan Aipperspach Probabilistic Data Management for Pervasive Computing: The Data Furnace Project, IEEE Data Engineering Bulletin 29, No. 1: 57-63, 2006

Synergistic Activities

- Proceeding Chair of Very Large Data Base (VLDB) Endowment 2014-2015. Proceeding Committee Area Chair of SIGMOD 2016. Publicity Chair of SIGMOD 2018. Sponsorship Chair of SIGMOD 2022.
- Recipient of Google Faculty Research Award, 2013 -2014.
- Founder and Mentor of UF Women in Computer Science and Engineering (WiCSE) Student Club,

2014-2021; UF Data Science and Informatics Student Club (DSI), 2015-present.

- Development of Data Science Curriculum, guest lecture in Foundations of Biomedical Informatics
- Founder and Director of the Data Science Research (DSR) Lab, University of Florida, 2011-present.
- Affiliate faculty members of the College of Medicine's Institute for Child Health Policy.
- Program Committee Member for ICDE2012, SIGMOD2012, VLDB Journal2012, TKDE2012, CIKM2012, TKDE2013, VLDB 2013, IEEE Big Data2013, SSDBM2013, SIGMOD 2014, VLDB2014, VLDB2015, SIGMOD2015, ICDE2016, IJCAI2016, CIDR2017, SIGMOD2017, VLDB2017, EDBT2017, SIGMOD 2018, VLDB 2018, CIDR 2019, EDBT 2019, VLDB2020, SIGMOD2020, CIDR 2020, CIDR 2021, VLDB 2021, AAAI 2021, AAAI 2022. Reviewer for Journals: TKDE, VLDBJ, TODS, IS.
- Reviewer for multiple NSF proposal review panels.
- Invited Talks to: University of Washington, UC Berkeley, Cornell, University of South California, Fudan University, University of Rochester, University of Toronto, Shanghai Jiaotong University, University of Maimi, Google, Microsoft, Pivotal, Amazon, Samsung Research, NIST, MITRE, Sandia, DARPA, Harris, etc.

Ph.D. Thesis Advisor

Graduated:

- Christan Grant (2015) University of Oklahoma
- Kun Li (2015) Google Inc
- Morteza Shahriari Nia (2016) Twitter Inc
- Yang Chen (2016) Google Inc
- Yang Peng (2017) Walmart Labs
- Xiaofeng Zhou (2018) Google Inc
- Dihong Gong (2019) Tencent Research
- Miguel Rodriguez (2020) Google Inc
- Ali Sadeghian (2021) Startup

Ongoing:

- Haodi Ma
- Jayetri Bardhan
- Bai (Tony) Yang
- Yifan Wang
- Ira Harmon
- Anthony Colas
- Sean Goldberg (at Microsoft)

Research Support (>1.5M since 2017) (total external funds >2.5M)

- UFII and UF Health JAX seed funds, 2021, Role: co-PI
- NSF/MRA Medium, 2019, Role: co-PI
  Title: MRA: Disentangling cross-scale influences on tree species, traits, and diversity from individual trees to continental scales
- Goldberg Rising Star Associate Professorship, 2019-2022, Role: PI
- DARPA/AIDA, 2018, Role: UF PI
  Title: GAIA - Generating Alternatives for Interpretation and Analysis

- UF CTSI seed funds, 2017, Role: PI
- PICORI/CDRN, 2015, Role: co-I
  Title: OneFlorida Clinical Data Research Network
- NSF/III Small, 2015, Role: PI
  Title: Efficient Query Processing over Large Probabilistic Knowledge Bases
- DARPA/FIHMC, 2015, Role: PI
  Title: Probabilistic Fusion of Multimodality Extractions
- Harris Corporation, 2015, Role: PI
  Title: SmartCloud: Smart Data Center for Smart Big Data
- DARPA/FIHMC, 2014, Role: PI
  Title: Disambiguate Knowledge Extractions Using Multimodal Data
- Pivotal Inc, 2014, Role: PI
  Title: Parallel, Efficient and Scalable Image Retrieval based on Bag-of-visual-words model
- Google Faculty Research Award, 2013, Role: PI
  Title: Knowledge Expansion using Inference over Large-scale Uncertain Knowledge Base
- University of Florida Law School, 2013, Role: PI
  Title: Active Topic Learning Based Legal E-Discovery
- DARPA/FIHMC, 2012, Role: co-PI (UF PI)
  Title: CUBISM: Conversation Understanding through Belief Interpretation and Sociolinguistic Modeling, Deep Exploration and Filtering of Text (DEFT) program
- Greenplum/EMC, 2012, Role: PI
  Title: Query-Driven Statistical Text Analysis in an MPP Database
- Survey Monkey Inc., 2012, Role: PI
  Title: A Machine Learning Approach to Representative Survey Generation

Talks

"Hypogator Hypotheses Generator"
DARPA AIDA PI meeting, October 2021
DARPA AIDA PI meeting, Feb 2021
GAIA Site Visit, December 2020
DARPA AIDA PI meeting, June 2020
DARPA AIDA PI meeting, November 2019
DARPA AIDA PI meeting, June 2019
DARPA AIDA PI meeting, Jan 2019,
DARPA AIDA PI meeting, August 2018

"HypoGator: TAC SM-KBP and DARPA AIDA Hypotheses Generation TA3 Evaluation"
TAC SM-KBP, Feb 2021
TAC SM-KBP, November 2019
TAC SM-KBP, August 2018

"Neural-Symbolic models for Knowledge Graph Extraction and Reasoning"
"When Deep Learning meets Logic" Workshop, Samsung Research at Cambridge, Feb 2021

"Rose: Virtual Health Navigator From SCD to SDoH"
UF Learning Health Systems and AI Symposium, Jan 2021

"Inference, Learning and Question Answering over Knowledge Graphs"
Amazon Alexa, June 2020

"Measuring Impact of Climate Change on Tree Species"
"Tackling Climate Change with Machine Learning" Workshop, NeurIPS 2019

"Drum: End-to-end Differentiable Rule Mining on Knowledge Graphs"
Paper poster presentation, NeurIPS 2019

"QA with Alternative Hypotheses over Probabilistic Knowledge graph"
DARPA AIDA PI meeting, August 2018

"Weathering the (Technology) Hypes"
New Researcher Symposium, SIGMOD, May 2017

"Archimedes: A Probabilistic Master Knowledge Base System"
Florida HLT Cofab, Feb 2017

"Deep Learning over Large-scale Databases and Knowledge Graphs"
NSF IUCRC for Big Learning Planning meeting, Jan 2017

"Archimedes: A Probabilistic Knowledge Base to Combine Information Extraction from Diverse Sources"
University of South California/Information Sciences Institute, Feb 2016

"UDA-GIST: An In-database Framework to Unify Data-Parallel and State-Parallel Analytics"
VLDB 2015, Waikoloa Hawii, September 2015

"Archimedes: A Master Probabilistic Knowledge Base System"
University of Miami, Nov 2015
Harris Coorporation, August 2015
University of Toronto, July 2015
Berkeley AMP Lab Seminar, April 2015
Google Research, April 2015
Sandia Livermore Lab, Jan 2015

"Probabilistic Knowledge Base Construction from Big Text, Images and Crowds"
TRUST WISE workshop at Cornell University, June 2014
UF Big Data Workshop, June 2013

"Probabilistic Knowledge Base Systems"
Invited Talk, WACCK workshop at SIGMOD, June 2014
Shanghai Jiaotong University, China, April 2014
ECE Department, University of Florida, October 2013
Fudan University, China, August 2013
Google Research, EMC, April 2013
Rochester Big Data Forum, October 2012

"Hybrid In-Database Inference for Declarative Information Extraction" sigmod11slides
SIGMOD Conference, June 15, 2011

"Selectivity Estimation for Extraction Operators over Text Data" icde11slides
ICDE Conference, April 14, 2011

"Querying Probabilistic Information Extraction"
EMC/Greenplum Seminar, July 11, 2011
CSAIL Seminar, MIT, November 17, 2010.
Database Seminar, University of Toronto, January 5, 2010.

"Querying Probabilistic Information Extraction" pvldb10slides
VLDB Conference, September, 2010

"Probabilistic Declarative Information Extraction" icde10slides
ICDE Conference, March, 2010

"Declarative Information Extraction in a Probabilistic Database System"
Info Lab Seminar, Stanford, May, 2009

Teaching

CAP4770, Introduction to Data Science, Spring 2022
CAP4770, Introduction to Data Science, Spring 2020
CAP4770/CAP5771, Introduction to Data Science, Fall 2019
CAP4773/CAP6779, Project In Data Science, Spring 2018
CAP4770/CAP5771, Introduction to Data Science, Fall 2017
CAP4773/CAP6779, Project In Data Science, Spring 2017
CAP4770/CAP5771, Introduction to Data Science, Fall 2016
CAP4773/CAP6779, Project In Data Science, Spring 2016
CAP4770/CAP5771, Introduction to Data Science, Fall 2015
CIS4301, Information and Data Management Systems, Spring 2015
CA4773/CIS6930, Projects in Data Science, Fall 2014
CIS6930, Introduction to Data Science/Data Intensive Computing, Spring 2014
COP5725, Data Management Systems, Fall 2013
CIS6930, Data Science: Large-scale Advanced Data Analysis, Spring 2013
COP5725, Data Management Systems, Fall 2012
CIS4301, Information and Data Management Systems, Spring 2012
CIS6930, Data Science: Large-scale Advanced Data Analysis, Fall 2011

Additional Publications

[B1] Yulia A. Strekalova, Janice L. Krieger, Rachel E. Damiani, Sriram Kalyanaraman, **Daisy Zhe Wang**, Book Chapter: Old media, new media, and public engagement with science, Citizen Engagement and Public Participation in the Era of New Media. Hershey, PA: IGI Global.

[P1] Azra BIHORAC, Xiaolin LI, Parisa Rashidi, Panagote Pardalos, Tezcan Ozrazgat-Baslanti, William Hogan, **Daisy Zhe Wang**, Petar Momcilovic, Gloria Lipori: METHOD AND APPARATUS FOR

PREDICTION OF COMPLICATIONS AFTER SURGERY (Patent Pending)

[C5] Yang Peng, Xiaofeng Zhou, **Daisy Zhe Wang**, Chunsheng Victor Fang, Scalable Image Retrieval with Multimodal Fusion, To Appear In Proceedings of the 29th International FLAIRS Conference, 2016.

[C4] Christan Grant, Clint P. George, Virupaksha Kanjilal, Supriya Nirkhiwale, Joseph Wilson, **Daisy Zhe Wang**, A Topic-Based Search, Visualization, and Exploration System, Proceedings of the 28th International FLAIRS Conference, 2015

[C3] Morteza Shahriari Nia, Christan Grant, Yang Peng, **Daisy Zhe Wang**, Milenko Petrovic, Streaming Fact Extraction for Wikipedia Entities at Web-Scale, Proceedings of the 27th International FLAIRS Conference, 2014

[C2] Clint P. George, Sahil Puri, **Daisy Zhe Wang**, Joseph Wilson, William Hamilton, SMART Electronic Legal Discovery via Topic Modeling, Proceedings of the 27th International FLAIRS Conference, 2014

[C1] Clint P. George, **Daisy Zhe Wang**, Joseph N. Wilson, Liana M. Epstein, Philip Garland, Annabell Suh, A Machine Learning Based Topic Exploration and Categorization on Surveys, Proceedings of the 11th International Conference on Machine Learning and Applications (ICMLA), 2012
[W6] Christan Grant, **Daisy Zhe Wang**, Optimizing Sampling-based Entity Resolution over Streaming Documents, Proceedings of SDM Big Data & Streaming Analytics Workshop, 2015

[W6] Ali Sadeghian, Miguel Rodriguez, **Daisy Zhe Wang**, Anthony Colasm Temporal Reasoning Over Event Knowledge Graphs, ACM WSDM KBCOM workshop, 2018. **Best Paper Honorable Mention**

[W5] Yang Chen, **Daisy Zhe Wang**, Web-Scale Knowledge Inference Using Markov Logic Networks, Proceedings of ICML workshop on Structured Learning: Inferring Graphs from Structured and Unstructured Inputs (SLG), 2013

[W4] Ryan Cobb, Sahil Puri, **Daisy Zhe Wang**, Tezcan Baslanti, Azra Bihorac, Knowledge Extraction and Outcome Prediction using Medical Notes, Proceedings of ICML workshop on Role of Machine Learning in Transforming Healthcare, 2013

[W3] **Daisy Zhe Wang**, Yang Chen, Sean Goldberg, Christan Grant, and Kun Li, Automatic Knowledge Base Construction using Probabilistic Extraction, Deductive Reasoning, and Human Feedback, Proceedings of the Joint Workshop on Automatic Knowledge Base Construction and Web-scale Knowledge Extraction (AKBC-WEKEX), 2012

[W2] Michael Cafarella, Alon Halevy, Yang Zhang, **Daisy Zhe Wang**, Eugene Wu, Uncovering the Relational Web, Proceedings of SIGMOD WebDB, 2008

[W1] Eirinaios Michelakis, **Daisy Zhe Wang**, Minos N. Garofalakis, Joseph M. Hellerstein, Granularity Conscious Modeling for Probabilistic Databases, Proceedings of ICDM DUNE, 2007: 501-506

[NR2] Manling Li, Ying Lin, Tuan Manh Lai, Xiaoman Pan, Haoyang Wen, Sha Li, Zhenhailong Wang, Pengfei Yu, Lifu Huang, Di Lu, Qingyun Wang, Haoran Zhang, Qi Zeng, Chi Han, Zixuan Zhang, Yujia Qin, Xiaodan Hu, Nikolaus Parulian, Daniel Campos, Heng Ji, Brian Chen, Xudong Lin, Alireza Zareian,

Amith Ananthram, Emily Allaway, Shih-Fu Chang, Kathleen McKeown, Yixiang Yao, Michael Spector, Mitchell DeHaven, Daniel Napierski, Marjorie Freedman, Pedro Szekely, Haidong Zhu, Ram Nevatia, Yang Bai, Yifan Wang, Ali Sadeghian, Haodi Ma, **Daisy Zhe Wang**: GAIA at SM-KBP 2020 – A Dockerized Multi-media Multi-lingual Knowledge Extraction, Clustering, Temporal Tracking and Hypothesis Generation System, Proc. Text Analysis Conference (TAC2020).

[NR1] Tongtao Zhang, Ananya Subburathinam, Ge Shi, Lifu Huang, Di Lu, Xiaoman Pan, Manling Li, Boliang Zhang, Qingyun Wang, Spencer Whitehead, Heng Ji, Alireza Zareian, Hassan Akbari, Brian Chen, Ruiqi Zhong, Steven Shao, Emily Allaway, Shih-Fu Chang, Kathleen McKeown, Dongyu Li, Xin Huang, Xujun Peng, Ryan Gabbard, Marjorie Freedman, Ali Sadeghian, Mayank Kejriwal, Ram Nevatia, Pedro Szekely, Ali Sadeghian and **Daisy Zhe Wang**: GAIA – A Multi-media Multi-lingual Knowledge Extraction and Hypothesis Generation System, Proc. Text Analysis Conference (TAC2018).