

Christan GRANT, Ph.D.

Associate Professor · University of Florida · [UF Data Studio](#)

Databases, Text Analytics, Interactive Data Mining & Machine Learning · [ceg.me](#)

PERSONAL DATA

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EMAIL: christan@ufl.edu

BIOGRAPHY

Dr. Christan Grant is an Arnold and Lisa Goldberg Rising Star Associate Professor in Computer Science at the University of Florida Department of Computer & Information Science & Engineering. Dr. Grant leads the UF Data Studio. In this role, he investigates various aspects of the data pipeline, including data acquisition, labeling, interactive machine learning, and visualization. Dr. Grant leads the OU Data Lab, where he investigates projects on interactively analyzing large amounts of data, interacting with data in new ways, and bias and privacy issues of artificial intelligence. His work has been funded by the FAA, USDA, and Robert Wood Johnson Foundation. He chaired the 2017 Broadening Participation in Data Mining workshop. Christan received his doctorate from the University of Florida database research lab as an NSF GRFP and LSAMP Bridge to doctorate fellow.

EDUCATION

AUGUST 2015 Ph.D. in COMPUTER SCIENCE, **University of Florida**, Gainesville
Dissertation: *Query-Driven Text Analytics for Knowledge Extraction, Resolution, and Inference*
Advisors: Daisy Zhe WANG and Joseph N WILSON

MAY 2008 B.S. in COMPUTER ENGINEERING, **University of Florida**, Gainesville

APPOINTMENTS

<i>Present</i>	ASSOCIATE PROFESSOR at UNIVERSITY OF FLORIDA
<i>January 2022</i>	<i>Department of Computer & Information Science & Engineering, Norman, Oklahoma</i> Arnold and Lisa Goldberg Rising Star Associate Professor
<i>December 2022</i>	ASSOCIATE PROFESSOR at UNIVERSITY OF OKLAHOMA
<i>MAY 2022</i>	<i>School of Computer Science, Norman, Oklahoma</i>
<i>May 2022</i>	ASSISTANT PROFESSOR at UNIVERSITY OF OKLAHOMA
<i>AUG 2015</i>	<i>School of Computer Science, Norman, Oklahoma</i> Faculty Fellow , Dunham College, (2016-2019)

FUNDED PROJECTS (TOTAL: \$6,339,207.81; SHARE: \$888,004)

- [17] BUILDING PREDICTION MODEL FOR BODY WASH FOAMING USING MACHINE LEARNING *Colgate-Palmolive* 2024–2025 \$73,000 PI
- [16] CRACK GROWTH, FLEET MANAGEMENT, AGILE, CREW FAM *Boeing Defense and Space Group* 2022–2023 \$412,619.81 (Co-PI \$61,893)
- [15] FAI: A NOVEL PARADIGM FOR FAIRNESS-AWARE DEEP LEARNING MODELS ON DATA STREAMS, *National Science Foundation + Amazon*, 2022–2025, \$628,798 (Co-PI \$157,200).
- [14] SCC-PG: LOW-COST SMART CITIES: DESIGNING AFFORDABLE SMART CITIES FOR ALL COMMUNITIES, *National Science Foundation*, 2020–2021, \$150,000 (Co-PI \$37,500).
- [13] HYDRA IMPLEMENTATION OF MULTI-THREADED SOFTWARE FOR RECONNAISSANCE *Boeing Defense and Space Group*, 2020, \$183,269.00 (Co-PI \$36,654)
- [12] ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IMPROVEMENTS FOR RECONNAISSANCE, *Boeing Defense and Space Group*, 2020, \$87,710 (Co-PI \$16,715)
- [11] MODERNIZING POLITICAL EVENT DATA FOR USE IN BIG DATA SOCIAL SCIENCE, *XSEDE*, 2018–2019, \$41,250 (PI 100%).
- [10] CLOUD PLATFORM EDUCATION GRANT, *Google Edu*, 2017, \$5,250 (PI 100%).
- [9] XSEDE SUPER COMPUTING ALLOCATION, *Workshop*, 2017, \$15,000 (Co-PI 100%).

- [8] BROADENING PARTICIPATION IN DATA MINING, *Workshop*, 2017, \$30,000 (PI 100%).
- [7] LEARNER DATA MANAGEMENT, *Federal Aviation Administration (FAA)*, 2016–2018, \$147,500 (PI 100%)
- [6] A NAUTICAL COASTAL ASSISTANT, *Microsoft Azure Research Award*, 2016–2017, \$20,000 (PI 100%).
- [5] DEVELOPING SOFTWARE AND DATABASE APPLICATION RELATED TO FORAGE AND ANIMAL MANAGEMENT, *United States Department of Agriculture (USDA)*, 2016–2021, \$90,000 (PI 100%).
- [4] QUANTIFYING REPRESENTATIVENESS AND QUALITY OF TWITTER DATA FOR HEALTH RESEARCH, *Robert Wood Johnson Foundation*, 2016-2018, \$355,608 (Co-PI \$55,119).
- [3] DIGITAL LATIN LIBRARY, *Andrew W. Mellon Foundation*, 2015–2017, \$2,500,000 (Senior Personell \$10,000).
- [2] THE COASTAL ASSISTANT, *Weather News International*, 2016–2017, \$101,845 (Co-PI \$50,923).
- [1] RIDIR: MODERNIZING POLITICAL EVENT DATA FOR BIG DATA SOCIAL SCIENCE RESEARCH, *National Science Foundation*, 2015–2017, \$1,497,358 (Senior Personell \$40,000).

PUBLICATIONS (LINKS TO ALL PUBLICATIONS AVAILABLE AT [OUDATALAB.COM/PUBLICATIONS](https://oudatalab.com/publications) | [UFDATASTUDIO.COM/PUBLICATIONS](https://ufdatastudio.com/publications))

Journals

- [J 9] Kai Jiang, Chen Zhao, Xintao Wu, Haoliang Wang , Latifur Khan¹, **Christan Grant**, Feng Chen. *Fairness Across Domains: A Fairness-aware Unified Framework for Supervised and Semi-supervised Domain Generalization*. Under Submission IEEE Transactions on Big Data. 2025.
- [J 8] Jasmine DeHart, Oluwasajibomi Ajisegiri, Corey Baker, Gregory Erhardt, Jamie Cleveland, **Christan Grant**. “Who Wants To Be a Smart City?” *A Textual Analysis of the 2015 Smart City Challenge Finalists*. Accepted to the International Journal On Advances in Intelligent Systems (IARIA), v14 n 1&2. 2021.
- [J 7] Jasmine DeHart, Makya Stell, **Christan Grant**. *Social Media and the Scourge of Visual Privacy*. Information (MDPI). Special Issue: End of Privacy? 11(2), 57. 2020.
- [J 6] Nina Cesare, Quynh Nguyen, **Christan Grant**, Elaine Nsoesie. *Social Media Captures Demographic and Regional Physical Inactivity*. In the British Medical Journal Open Sport and Exercise Medicine Journal (BMJ). 2019.
- [J 5] Jared Bond, **Christan Grant**, Joshua Imbriani, Erik Holbrook. *A Framework for Interactive t-SNE Clustering*. The International Journal of Software Informatics (IJSI) special issue on Visual Analytics. 2017
- [J 4] Sean Goldberg, Daisy Zhe Wang, **Christan Grant**. *A Probabilistically Integrated System for Crowd-Assisted Text Labeling and Extraction*. ACM Journal of Data and Information Quality (JDIQ). 2017.
- [J 3] 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 (VLDBJ). 2016.
- [J 2] **Christan Grant**, Daisy Zhe Wang. *A Challenge for Long-term Knowledge Base Maintenance*. ACM Journal of Data and Information Quality (JDIQ). 2015.
- [J 1] Daisy Zhe Wang, Yang Chen, **Christan Earl Grant**, Kun Li. *Efficient In-Database Analytics with Graphical Models*. IEEE Data Engineering Bulletin 37(3). 2014.

Conferences

- [C 39] Sadaf MD Halim, Chen Zhao, Xintao Wu, Latifur Khan, **Christan Earl Grant**, Feng Chen. *Fairness-Aware Active Online Learning with Changing Environments*. In the Proceedings of the 41st IEEE International Conference on Data Engineering (ICDE). Hong Kong SAR, China. 2025.
- [C 38] Yang Bai, **Christan Earl Grant**, Daisy Zhe Wang. *RAMQA: A Unified Framework for Retrieval-Augmented Multi-Modal Question Answering*. In Findings of the North American Association for Computational Linguistics (NAACL). Albuquerque, New Mexico. 2025.
- [C 37] Chen Zhao, Kai Jiang, Xintao Wu, Haoliang Wang, Latifur Khan, **Christan Earl Grant**, Feng Chen. *Algorithmic Fairness Generalization under Covariate and Dependence Shifts Simultaneously*. In the Proceedings of the 30th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD). Barcelona, Spain. 2024.
- [C 36] Yang Bai, Anthony Colas, **Christan Grant**, Daisy Zhe Wang. *M3: A Multi-Task Mixed-Objective Learning Framework for Open-Domain Multi-Hop Dense Sentence Retrieval*. The Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING). Torino, Italy. 2024.
- [C 35] Amy Wu, Morgan Cobb, Victor Perez, **Christan Grant**, Jeremy Waisome. Guided Undergraduate Training for Shark Segmentation (GUTSS). A Poster in the 55th ACM Technical Symposium on Computer Science Education (SIGSCE). Portland, Oregon. 2024.
- [C 34] Chenguang Xu, Sarah M Brown, **Christan Grant**, Chris Weaver. *Hybrid Tree Visualizations for Analysis of Gerrymandering*. International Symposium on Visual Computing (ISVC). Lake Tahoe, NV, USA. 2023.
- [C 33] Chen Zhao, Feng Mi, Xintao Wu, Kai Jiang, Latifur Khan, **Christan Grant**, Feng Chen. *Towards Fair Disentangled Online Learning for Changing Environments*. In the Proceedings of the 29th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD). Long Beach, CA. 2023.

- [C 32] Yan Liang, **Christan Grant**. *TAED: Topic-Aware Event Detection*. The 64th International Studies Association Annual Convention (ISA). Montréal, Québec, Canada. 2023.
- [C 32] Yifan Ding, Yan Liang, Nasser Zalmout, Xian Li, **Christan Grant**, Tim Weninger. *Ask-and-Verify: Span Candidate Generation and Verification for Attribute Value Extraction*. The 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP). Abu Dhabi, United Arab Emirates. December 2022.
- [C 30] Jasmine DeHart, **Christan Grant**. Let me Explain! Exploring Large-Scale Networks with Mechanism Characteristics. Sunbelt Conference, International Network for Social Network Analysis (INSNA) XLII. Poster. Cairns, Australia. July 2022.
- [C 29] Jasmine DeHart, Chenguang Xu, Lisa Egede, **Christan Grant**. *Proposing an Interactive Audit Pipeline for Visual Privacy Research*. Accepted to 2021 International Conference on Big Data (Big Data). Short paper. Virtually. 2021. 19.7%
- [C 28] Jun Yan, Nasser Zalmout, Yan Liang, **Christan Grant**, Xiang Ren, Xin Luna Dong. *AdaTag: Multi-Attribute Value Extraction from Product Profiles with Adaptive Decoding*. In the Joint Conference of the 59th Annual Meeting of the Association for Computational Linguistics and the 11th International Joint Conference on Natural Language Processing (ACL-IJCNLP). Bangkok, Thailand. 2021.
- [C 27] Jasmine DeHart, Corey Baker, **Christan Grant**. *Considerations for Designing Private and Inexpensive Smart Cities*. The Sixteenth International Conference on Wireless and Mobile Communications (ICWMC). pg 30-33. Porto, Portugal. 2020. *★Invited to Journal★*
- [C 26] Edwin Yang, Song Fang, **Christan Grant**, Le Gruenwald. *PhotoLock: Autonomous Privacy-preserving Photo Sharing in Online Social Networks*. The Network and Distributed System Security Symposium (NDSS). Poster. San Diego, CA. 2020.
- [C 25] Makya Stell, Jasmine DeHart, **Christan Grant**. *Analysis of Visual Privacy Leaks on Twitter*. National Conferences on Undergraduate Research (NCUR). Bozeman, Montana. 2020
- [C 24] Jasmine DeHart, Lisa Egede, **Christan Grant**. *Exploring Biases in Vision Privacy Protection Techniques*. The IEEE Symposium on Security and Privacy (S&P). Poster. San Francisco, California. 2019.
- [C 23] Oluwashina Madamori, Esther Max-Onakpoya, **Christan Grant** and Corey Baker. Using *Delay Tolerant Networks as a Backbone for Low-cost Smart Cities*. In the 5th IEEE International Conference on Smart Computing (SMARTCOMP). Washington, DC. 2019.
- [C 22] Nina Cesare, Quynh Nguyen, **Christan Grant**, Elaine Nsoesie. *Social Media Representation and Illness Detection on Social Media: Foodborne Illness as a Case Study*. The Annual Meeting Population Association of America (PAA). Austin, Texas. 2019.
- [C 21] Nina Cesare, Christan Grant, Elaine Nsoesie. Representation and Bias in Self-reported Physical Activity Across Social Media Platforms. The Annual Meeting Population Association of America (PAA). Austin, Texas. 2019.
- [C 19] Ashwin Krishna Gunasekaran, Maryan Bahojb Imani, Latifur Khan, **Christan Grant**, Patrick T. Brant, Jennifer Holmes. *SPERG: Scalable Political Event Report Geoparsing in Big Data*. IEEE Intelligence and Security Informatics (ISI). Miami, Florida. 2018.
- [C 18] Yan Liang, **Christan Grant**, Andrew Halterman, Jill Irvine, Khaled Jabr. New Techniques for *Coding Political Events Across Languages*. IEEE 18th International Conference on Information Reuse and Integration (IRI). Salt Lake City, UT. 2018.
- [C 17] Jasmine DeHart, **Christan Grant**. *Visual Content Privacy Leaks on Social Media Networks*. The IEEE Symposium on Security and Privacy (S&P). San Francisco, California. 2018.
- [C 16] Chenguang Xu, Sarah M. Brown, **Christan Grant**. *Detecting Simpsons Paradox*. The 31st International Florida Artificial Intelligence Research Society (FLAIRS) Conference. Melbourne, Florida. 2018.
- [C 15] Nina Cesare, **Christan Grant**, Elaine Okanyene Nsoesie. *Estimating Obesity Prevalence By Age and Gender Using Social Media Data* The Annual Meeting for the Population Association of America (PAA). Denver, CO. 2018.
- [C 14] Andrew Halterman, **Christan Grant**, Jill A. Irvine, Yan Liang, Manar Landis. *Arabic Event Data: A New, Machine-Coded Dataset from Arabic Text* The Annual Meeting of the International Studies Association (ISA). San Francisco, CA. 2018.
- [C 13] Austin Graham, Yan Liang, Le Gruenwald, **Christan Grant**. *Formalizing Interruptible Algorithms for Human over-the-loop Analytics*. The IEEE International Workshop on Human-Machine Collaboration in BigData (HMDData 2017). Boston, Mass. 2017.
- [C 12] Yan Liang, Andy Halterman, Phanindra Jalla, Solaimani Mohiuddin, Manar Landis, Jill Irvine, **Christan Grant**. *Adaptive Scalable Pipelines for Political Event Data Generation*. The IEEE International Workshop on Benchmarking, Performance Tuning and Optimization for Big Data Applications (BPOD 2017). Boston, Mass. 2017.
- [C 11] Nina Cesare, **Christan Grant**, Jared Hawkins, John S. Brownstein, Elaine O. Nsoesie. *Demographics in Social Media Data for Public Health Research: Does it matter?* Bloomberg Data for Good Exchange. New York, NY, USA. 2017
- [C 10] Stephen Smart, **Christan Grant**. *Towards Managing Complex Data Sharing Policies with the Min Mask Sketch*. IEEE 17th International Conference on Information Reuse and Integration (IRI). San Diego, CA, USA. 2017 29.0%
- [C 9] Erik Holbrook, **Christan Grant**, Gupreet Kaur, Jared Bond, Josh Imbriani, Elaine Nsoesie. *Tweet Geolocation Error Estimation*. Ninth International Conference on Geographic Information Science (GIScience). Montreal, Canada. 2016.
- [C 8] **Christan Grant**, Daisy Zhe Wang, Michael Wick. *Query-driven Sampling for Collective Entity Resolution*. IEEE 17th International Conference on Information Reuse and Integration (IRI). Pittsburgh, PA, USA. 2016 25.6%
- [C 7] **Christan Grant**, Clint Pazhayidam George, Virupaksha Kanjilal, Supriya Nirakhiwale, Daisy Zhe Wang, Joseph N Wilson. *A Topic-Based Search, Visualization and Exploration System*. The 28th International Florida Artificial Intelligence Research Society (FLAIRS) Conference. Hollywood, Florida. 2015.
- [C 6] Morteza ShahriariNia, **Christan Grant**, Daisy Zhe Wang, Milenko Petrovic. *Streaming Fact Extraction for Wikipedia Entities at Web-Scale*. The 27th International Florida Artificial Intelligence Research Society (FLAIRS) Conference. Pensacola Beach, Florida. 2014. 47%

- [C 5] **Christan Grant**, Jordan Gumbs, Kun Li, Daisy Zhe Wang, George Chitouras. *MADden: Query-Driven Statistical Text Analytics*. In the Proceedings of the 21 st ACM International Conference on Information and Knowledge Management (CIKM 2012). Maui, Hawaii. October, 2012. 17%
- [C 4] **Christan Grant**, Clint P. George, Joir-dan Gumbs, Joseph N. Wilson, and Peter J. Dobbins. *Morpheus: A Deep Web Question Answering System*. In Proceedings of the 12th International Conference on Information Integration and Web-based Applications & Services (iiWAS). New York, NY, USA, 2010. 30%
- [C 3] **Christan Grant**, Tyrone Grandison, Alfredo Alba. *Enabling the Health Internet - Market-Friendly Information Extraction of Online Health-care Sources*. The proceedings of the 13th World Congress on Medical and Health Informatics (MEDINFO) 2009. September 12-15, 2010. Cape Town, South Africa.
- [C 2] Tyrone Grandison, **Christan Grant**, Kun Liu, Varun Bhagwan, Tarun Thakur. *Leveraging Online Data To Deliver Better Decision Support For Personalized Chronic Disease Management*. American Medical Informatics Association (AMIA) 2009 Spring Congress. Orlando, Florida. May 28-30, 2009.
- [C 1] **Christan Grant**, Clint P. George, Chris Jenneisch, Joseph N. Wilson. *Online Topic Modeling for Real-Time Twitter Search*. In the Proceedings of the Twentieth Text REtrieval Conference (TREC 2011). Gaithersburg, Maryland. November 2011.

Workshop

- [W 14] Alexander R. Webber, Zachary Sayers, Amy Wu, Elizabeth Thorner, Justin Witter, Gabriel Ayoubi, **Christan Grant**. *Analyzing Finetuned Vision Models for Mixtec Codex Interpretation*. The 4th Workshop on NLP for Indigenous Languages of the Americas (AmericasNLP). Mexico City, Mexico. 2024.
- [W 13] Yan Liang, **Christan Grant**. *TAED: Topic-Aware Event Detection*. The IEEE International Workshop on Benchmarking, Performance Tuning and Optimization for Big Data Applications (BIGDATA - BPOD). Osaka, Japan. 2022.
- [W 12] Nina Cesare, **Christan Grant**, Elaine Nsoesie. *Understanding Bias and Representation in Social Media Health Data*. In the Proceedings of the 11th ACM Conference on Web Science (WebSci), Handling Web Bias workshop. Boston, MA. 2019.
- [W 11] Sarah M. Brown, Chenguag Xu, **Christan Grant**. *Critical Data Exploration with Simpson's Paradox*. The 2nd Black in AI Workshop colocated with the Conference on Neural Information Processing Systems (NeurIPS, NIPS). Montreal, Canada. 2018.
- [W 10] Sarah M. Brown, Chenguag Xu, **Christan Grant**. *Critical Data Exploration with Simpson's Paradox*. The 13th annual Women in Machine Learning Workshop colocated with the Conference on Neural Information Processing Systems (NeurIPS, NIPS). Montreal, Canada. 2018.
- [W 9] Keerti Banweer, Austin Graham, Nina Cesare, Elaine O. Nsoesie, Joseph T. Ripberger, **Christan Grant**. *Multi-stage Collaborative filtering for Tweet Geolocation*. The 2nd ACM SIGSPATIAL Workshop on Recommendations for Location-based Services and Social Networks (LocalRec). Seattle, Washington, USA. 2018.
- [W 8] Chenguang Xu, Sarah M. Brown, **Christan Grant**, Chris Weaver. *Interactive Visual Analytics for Simpson's Paradox Detection*. The 3rd Workshop on Human-In-the-Loop Data Analytics (HILDA). Houston, Texas. 2018.
- [W 7] Samuel Henly, Nina Cesare, Gaurav Tuli, Sheryl Kluber, Jared Hawkins, Quynh Nguyen, Aranka Anema, Adyasha Maharana, **Christan Grant**, John Brownstein, Elaine Nsoesie. *Disparities in digital reporting of illness: A demographic and socioeconomic assessment*. Workshop on Data and Algorithm Bias at the International Conference on Information and Knowledge Management. Singapore, Singapore. 2017.
- [W 6] Michael Crespin, **Christan Grant**. *50 Years of Native American Self Determination*. Polinformatics Workshop. Island Wood, WA, USA. 2017.
- [W 5] Jared Bond, **Christan Grant**, Joshua Imbriani, Erik Holbrook. *A Framework for Interactive t-SNE Clustering*. 2nd International Workshop on DATA mining meets Visual Analytics at big data era In Conjunction with CIKM 2016 (DAVA). Indianapolis, Indiana, USA. 2016.
- [W 4] **Christan Grant**, Daisy Zhe Wang. *Optimizing Sampling-based Entity Resolution over Streaming Documents*. The SIAM International Conference on Data Mining Workshop: Big Data and Stream Analytics. Vancouver, British Columbia, Canada. 2015.
- [W 3] Kun Li, **Christan Grant**, Daisy Zhe Wang, Sunny Khatri, George Chitouras *GPTtext: Greenplum parallel statistical text analysis framework*. In the Proceedings of the Second Workshop on Data Analytics in the Cloud at SIGMOD (DANAC 2013). New York, New York, USA. June 2013. 56%
- [W 2] Daisy Zhe Wang, Yang Chen, Sean Goldberg, **Christan Grant** and Kun Li. *Automatic Knowledge Base Construction using Probabilistic Extraction, Deductive Reasoning, and Human Feedback*. In the Proceedings of the 2012 Joint Workshop on Automatic Knowledge Base Construction and Web-scale Knowledge Extraction (AKBC-WEKEX 2012). Montreal, Canada. Jun, 2012.
- [W 1] Pete Dobbins, Tiffany Dohzen, **Christan Grant**, Joachim Hammer, Malachi Jones, Dev Oliver, Mujde Pamuk, Jungmin Shin, Mike Stonebraker, *Morpheus 2.0: A Data Transformation Management System*. at the VLDB 2007 Third International Workshop on Database Interoperability. 2007.

Patents

- [P 1] Varun Bhagwan, Tyrone Grandison, **Christan Grant**, Bryan Hickerson, Kun Liu, Tarun Thakur. International Business Machines. *Health-e-Assistant: A System for Personalized Chronic Disease Management*. US 2011/0191114 A1. August 2011.

STUDENTS ADVISED

Dissertation, MS Thesis, or practicum dates listed. Doctoral graduates underlined. ^{ext} denotes external membership or minor. *Current MS students in italics*.

University of Florida

Ph.D. Chair/Co-Chair/Minor (1)

Yang 'Tony' Bai [*Fa 2024*], Godfred Agyapong ^{Ph.D. Linguistics/CISE Minor} [*Sp 2028*], Detravious Jamari Brinkley [*Fa 2029*], Ray Zeyao Chen [*Sp 2029*], Christopher William Driggers-Ellis [*Sp 2029*]

Ph.D. Committee (1)

Joseph T Isaac Jr., Keith McNamara [*Su 2023*], Chathuri Jayaweera, Jean Louis, Brianna Richardson [*Sp 2023*], Yuran Sun^{Civil and Coastal Engineering}, Kevin Yu^{Linguistics}, Sangpil Yoom, Bria Smith, Geesa Daluwatumulle, Nicholas Kroeger

University of Oklahoma

Ph.D. (6)

Yan Liang [*Sp 2022*], Chenguang (Shine) Xu [*Spring 2023*], Jasmine DeHart [*Sp 2023*], Keerti Banweer, Redae Beraki, Oluwasijibomi (S.J.) Ajisegiri

Masters (20)

Ajeet Mohan [*Sp 2020*], Andrew Elaryan [*Su 2022*], Austin Graham [*Su 2019*], Bobby Monaco, Brian Neldon, Erik Holbrook, Josh Imbriani, Prithviraj Kadiyala [*Sp 2019*], Samuel Oyeleye, Sanjeev Ahuja [*Su 2020*], Santhosh Reddy Malgireddy, Stephen Smart, Venkat Ram Saran Tummala, Phanindra Jalla, Sri Harsha Pothineni, Sai Ram Sunkara, Nicholas M. Molloy, Prathyusha Kondapalli, Sanjana Mudduluru Brian D. Neldon, Naveen Penki, Abilash Ramesh, Jacob Anderson

Undergraduate (21)

Darby Cobb, Elena Montes, Andrew Elaryan, Lisa Egede, Hope Anderson, Jared Bond, John Alberse, *Makya Stell*, *Lexie Barthelemess*, *Tekena Harcourt*, Gurpreet Kaur, Daniel G. Helm, Mg G. Hirsch, Arwin Wang, Maria Del Mar Valderrama Orozco, Bradley Hundl, Chanboramey Vann, Christopher Nguyen, Conner Flansburg, Jared Blackbear, Jason Long

INTERNAL SERVICE (UF)

2024-2026	Member	CISE Steering Committee
2024-2025	Coach	Integrated Product & Process Design (IPPD)
2024-2025	Committee	MS Applied Data Science
2024-2025	Committee	MS Artificial Intelligent Systems
2023-Present	ACM Advisor	UF CISE Department
2023-Present	Graduate Admissions Committee Member	UF CISE Department
2023-2025	Commencement Marshall	UF CISE Department

EXTERNAL SERVICE

2026	Program Committee	IEEE INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE)
2026	Review Board	PROCEEDINGS FROM THE VERY LARGE DATA BASES (VLDB)
2025	Reviewer	ACL ROLLING REVIEW FEBRUARY (ACL ARR)
2025	Reviewer	SECOND CONFERENCE ON LANGUAGE MODELING (COLM)
2025	Senior Program Committee	PACIFIC-ASIA CONFERENCE ON KNOWLEDGE DISCOVERY AND DATA MINING (PAKDD)
2025	Program Committee	IEEE INTERNATIONAL CONFERENCE ON DATA ENGINEERING (ICDE)
2024	Reviewer	ACL ROLLING REVIEW DECEMBER (ACL ARR)
2024	Program Committee	INTERNATIONAL CONFERENCE ON INFORMATION MANAGEMENT AND BIG DATA (SIMBIG)
2024	Program Committee	IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIGDATA)
2024	Reviewer	4TH WORKSHOP ON NLP FOR INDIGENOUS LANGUAGES OF THE AMERICAS (AMERICASNLP)
2024	Reviewer	CONFERENCE ON LANGUAGE MODELING (COLM)

2024	Program Committee	ACM INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT (CIKM)
2024	Program Committee	IEEE INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND APPLICATIONS (ICMLA)
2023	Program Committee	ACM SIGKDD WORKSHOP ON ETHICAL ARTIFICIAL INTELLIGENCE: METHODS AND APPLICATIONS
2023	Workshop Chair	INTERNATIONAL CONFERENCE ON DATA MINING (ICDM)
2023	Academic Chair	RICHARD TAPIA CONFERENCE
2023	Program Committee	AAAI WORKSHOP ON UNCERTAINTY REASONING AND QUANTIFICATION IN DECISION MAKING
2022	Program Committee	ACM SIGKDD WORKSHOP ON ETHICAL ARTIFICIAL INTELLIGENCE: METHODS AND APPLICATIONS
2022	Program Committee	INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT (CIKM)
2022	Panelist	National Science Foundation
2022	Deputy Academic Chair	RICHARD TAPIA CONFERENCE
2022	Program Committee	IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIGDATA)
2022	Program Committee	ACM FAIRNESS, ACCOUNTABILITY, AND TRANSPARENCY (FACCT)
2022	Program Committee	IEEE INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND APPLICATIONS (ICMLA)
2022	Program Committee	FAIRNESS, ACCOUNTABILITY, AND TRANSPARENCY (FACCT)
2021-2023	Committee Member	Presidential appointment to the Presidential Professorship Selection Committee
2021	Program Committee	IEEE INTERNATIONAL CONFERENCE ON MACHINE LEARNING AND APPLICATIONS (ICMLA)
2021	Reviewer	CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING (EMNLP)
2021	Program Committee	IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIGDATA)
2021	Chair for Scholarships	RICHARD TAPIA CONFERENCE
2020	Program Committee	IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIGDATA)
2020	Reviewer	INTERNATIONAL CONFERENCE ON DATA MINING (ICDM)
2020	Reviewer	EUROPEAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS (EACL)
2020	Reviewer	CONFERENCE ON EMPIRICAL METHODS IN NATURAL LANGUAGE PROCESSING (EMNLP)
2020	Reviewer	IEEE VIS
2020	Reviewer	IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING (TKDE)
2020	Panelist	National Science Foundation
2020	Deputy Chair for Scholarships	RICHARD TAPIA CONFERENCE
2019	Program Committee	IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIGDATA)
2019	Panelist	National Science Foundation
2019	Reviewer	NORTH AMERICAN CHAPTER OF THE ASSOCIATION FOR COMPUTATIONAL LINGUISTICS (NAACL)
2019	Reviewer	IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING (TKDE)
2018	Reviewer	WOMEN IN MACHINE LEARNING (WIML)
2018	Reviewer	BLACK IN ARTIFICIAL INTELLIGENCE (BAI)
2018	Reviewer	BMJ OPEN
2018	Reviewer	IEEE INTERNATIONAL CONFERENCE ON INFORMATION REUSE AND INTEGRATION (IRI)
2018	Chair for Doctoral Consortium	RICHARD TAPIA CONFERENCE
2018	General Chair	BROADENING PARTICIPATION IN DATA MINING (BPDM)
2017	Panelist	National Science Foundation
2017	Program Committee	BLACK IN AI
2017	OU McNair Advisory Board	RONALD E. MCNAIR PROGRAM
2017	Technical Program Committee	IEEE INTERNATIONAL CONFERENCE ON INFORMATION REUSE AND INTEGRATION (IRI)
2017	Travel Awards Co-Chair	INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT (CIKM)
2017	General Co-Chair	BROADENING PARTICIPATION IN DATA MINING (BPDM)
2017	Deputy Chair for Doctoral Consortium	RICHARD TAPIA CONFERENCE
2017	External Reviewer	ACM SYMPOSIUM OF APPLIED COMPUTING

2017	Organizing Committee	THE PIPELINE WORKSHOP: DIVERSIFYING THE HPC WORKFORCE
2016	Program Committee	BROADENING PARTICIPATION IN DATA MINING (BPDM)
2015	Reviewer	RICHARD TAPIA CONFERENCE
2014	Webmaster	INSURE HUB (NSF GRANT NO. 1344369)
2014	Webmaster	BROADENING PARTICIPATION IN DATA MINING (BPDM)
2013	External Reviewer	VLDB
2013	External Reviewer	VLDB PH.D. WORKSHOP
2012	College Recruiter	UF COLLEGE OF ENGINEERING
2012	External Reviewer	ACM CIKM POSTER TRACK
2012	External Reviewer	ACM SIGMOD DEMO TRACK
2012	External Reviewer	IEEE ICDE
2010-2015	Lead Usher	FIRST ASSEMBLY OF GOD
2010-2011	Mentor	RONALD MCNAIR PEER MENTOR
2010-2011	Graduate Student Representative	GRADUATE STUDENT ADVISORY COUNCIL (GSAC)
2010	Conference Planning Committee	SEAGEP ANNUAL CONFERENCE
2009-2010	Mentor	ALACHUA COUNTY - ACT SO
2007-2008	Founder	UNIVERSITY OF FLORIDA OPEN SOURCE USER GROUP
2006-2007	President	PROGRESSIVE BLACK MEN, INC.
2006-2007	National Online Image Coordinator	NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)
2006	Member Retention Facilitator	CHI ALPHA CHRISTIAN FELLOWSHIP
2004-2005	Vice President of Programs	NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)
2004-2005	Male Model Trainer	FACES MODELING TROUPE

HONORS

2023	Arnold and Lisa Goldberg Rising Star Associate Professor in Computer Science
2021	College of Engineering Strategic Research Incentive GTA
2017-2018	OU School of Computer Science Professor of the Year
2016	Dunham College, Faculty Fellow
2016	OU CS Rising Star Award
2014	AAAI Broadening Participation in Artificial Intelligence Travel Grant
2014	ACM Richard Tapia Celebration of Diversity in Computing Travel Grant
2013	ACM Richard Tapia Celebration of Diversity in Computing Travel Grant
2013	Broadening Participation in Data Mining (BPDM) Travel Grant
2012	University of Florida, Commencement Honor Guard
2012	Broadening Participation in Data Mining Travel Grant
2011	IEEE Super Computing Travel Award
2010	National Science Foundation Graduate Research Fellowship
2009	ACM Richard Tapia Celebration of Diversity in Computing
2008	LSAMP Bridge to the Doctorate Fellowship
2009	University of Florida College of Engineering Diversity Award
2006	University Scholar
2004	Gator Intramural Team Champion (track)

EXTERNAL TALKS

Christan Grant. *Databases for AI.* NACME Applied Machine Learning Intensive Summer Bootcamp. July 2023.

Christan Grant. *Research in the UF Data Studio.* St. Mary's College of Maryland. April 2023.

David Lu, Dean Hougren, Chao Lan, **Christan Grant.** *PEak Educational Session – Artificial Intelligence and Deep Learning: The Dawn of a new Discipline.* AT&T. April 2021.

Christan Grant. *Research Talk: Deconstructing Smart City Cost, Data, and Privacy Expectations in the United States.* NSF S&CC PI Meeting. University of Kentucky. April. 2021.

Christan Grant. *Colloquium: Streaming Multilingual Text Processing for Geotemporal Event Data Generation..* West Virginia University. Mathematical and Data Sciences. March. 2021.

Christan Grant. *Guest Lecture: Designing Easy to Learn Interactive Systems about Complex Topics.* Berea College. March. 2021.

Christan Grant. *Panel: Teaching Methods to Engage Students for STEM fields.* Graduate School Prep conference. Norman, Oklahoma. May. 2020.

Christan Grant. *Keynote: Undergraduate to Super Hero.* Graduate School Prep conference. Norman, Oklahoma. November. 2018.

Christan Grant., Esther Lewars, Marco Papa, Shree Bharadwaj. *Panel: Google Faculty Summit.* Google Faculty Institute. Mountain View, California. June. 2018.

Christan Grant. *End-to-End Human over the loop Analytics.* Inaugural Human Systems Integration Summit. Oklahoma City, Oklahoma. May. 2018.

Christan Grant. *Knowledge Base Construction Pipelines.* Graduate Student Community (GSC) Seminar Series. Norman, Oklahoma. April. 2018.

Christan Grant. *Modernizing Political Event Data for Use in Big Data Social Science Research.* College of Arts and Sciences Symposium. Norman, Oklahoma. April. 2018.

Corey Baker, **Christan Grant.** *Preparing for Academia or Industry.* National Society of Black Engineers (NSBE) National Convention. Pittsburg, PA. 2018.

Christan Grant. *Ongoing research at the University of Oklahoma Data Analytics Lab.* University of Florida, Data Science research Lab. Gainesville, Florida. September. 2017.

Christan Grant. *Query-Driven Sampling for Collective Entity Resolution.* Oklahoma State University Computer Science Department, Stillwater, Oklahoma. October 2015.

Christan Grant. *Streaming Fact Extraction for Wikipedia Entities at Web-Scale.* The 27th International Florida Artificial Intelligence Research Society (FLAIRS) Conference. Pensacola Beach, Florida. May 22, 2014.

Christan Grant, Dana Catalfamo, Mina-Elraheb Hanna, Jennifer Howell, Amanda Patrick, David Roueche. *Student Fellows: The Secrets to Their Success.* Graduate Student Grants and Fellowship Workshop. Gainesville, Florida. May 17, 2013.

Christan Grant. *Knowledge Base Acceleration @ TREC.* CUBISM Workshop. Florida Institute for Human Machine Cognition. Ocala, Florida. April 24, 2013.

Christan Grant. *Query-Driven Entity Resolution.* McKnight foundation conference. Tampa, Florida. 16 February 2013.

Christan Grant, Pierre St. Juste, Juan Sequeda, Shaun Gittens. *Facing the Challenges of Big Data: Tools, Techniques and Infrastructure.* Richard Tapia Celebration of Diversity in Computing Conference. Washington, D.C., 8 February 2013. Oral.

Christan Grant. *Query Driven Computation.* Richard Tapia Celebration of Diversity in Computing Conference. Doctoral Consortium. Washington, D.C., 7 February 2013. Oral.

Christan Grant. *Query-Driven Coreference.* Richard Tapia Celebration of Diversity in Computing Conference. Poster Session. Washington, D.C., 7 February 2013. Poster.

Christan Grant, et al. Student Panel of Fellowships Winners. Graduate Student Grants and Fellowship Workshop. June 1, 2012.

Christan Grant. *Developing a Powerful Personal Statement and Obtaining Letters of Recommendation.* Empowering Leadership Alliance - Mentoring. Webinar. 27 April 2011. <http://empoweringleadership.rice.edu/Content.aspx?id=2147484247>

Christan Grant. Data Kindness on the Internet. Richard Tapia Celebration of Diversity in Computing Conference. Fairmont Hotel, San Francisco, California. April 3-5, 2011.

Christan Grant, Brian Dammit, Adam Mecca. Student Panel of Fellowships Winners. Graduate Student Grants and Fellowship Workshop. May 14, 2010.

Christan Grant. 2009. Why OpenSolaris? Florida Linux Show 2009. Jacksonville, Florida. March 9, 2009.

Christan Grant. 2008. Why Graduate School. NSBE Undergraduate Student in Technical Research Forum. Gainesville, Florida. September 17, 2008.

TEACHING AT UNIVERSITY OF OKLAHOMA

Spring '23	University of Florida	CIS 6930 Data Engineering
Fall '22	University of Oklahoma	CS 5113/4113 Distributed Operating Systems
Fall '22	University of Oklahoma	CS 3113 Introduction to Operating Systems
Spring '22	University of Oklahoma	CS/DSA 5293 Text Analytics
Spring '21	University of Oklahoma	CS 3113 Introduction to Operating Systems
Fall '21	University of Oklahoma	CS 5113/4113 Distributed Operating Systems
Fall '21	University of Oklahoma	CS 3113 Introduction to Operating Systems
Spring '21	University of Oklahoma	CS/DSA 5293 Text Analytics
Spring '21	University of Oklahoma	CS 3113 Introduction to Operating Systems
Fall '20	University of Oklahoma	CS 5113/4113 Distributed Operating Systems
Spring '20	University of Oklahoma	CS/DSA 5293 Text Analytics
Spring '20	University of Oklahoma	CS 3113 Introduction to Operating Systems
Fall '19	University of Oklahoma	CS 5113/4113 Operating Systems Theory
Spring '19	University of Oklahoma	CS/DSA 5293 Text Analytics
Fall '18	University of Oklahoma	CS 3113 Introduction to Operating Systems
Spring-B '18	University of Oklahoma	UNIV Weapons of Math Destruction
Spring '18	University of Oklahoma	CS 5970 Text Analytics
Fall '17	University of Oklahoma	CS 3113 Introduction to Operating Systems
Spring '17	University of Oklahoma	CS 5970 Introduction to Text Analytics
Fall '16	University of Oklahoma	CS 3113 Introduction to Operating Systems
Spring '16	University of Oklahoma	CS 5970 Text Analytics
Spring '14	University of Florida	CIS 4301 Introduction to Databases

TEACHING EXPERIENCE

SPRING 2014 | Instructor at UNIVERSITY OF FLORIDA
Databases and Information Systems (CIS 4301)

	<p>Databases course to a class of 90 upper division students. Students learned SQL, Relational Model, triggers, and developed a temporary social media applications. http://www.cise.ufl.edu/class/cis4301sp14/ TECHNOLOGIES: PostgreSQL, Linux, JavaScript, PHP, Python, C++</p>
FALL 2010 SPRING 2011	<p>Teaching Assistant at UNIVERSITY OF FLORIDA <i>Introduction to Programming part I & II</i> Taught 12 hours/week discussion sections with 25 student each. Designed and developed solutions to course projects. TECHNOLOGIES: Java, Linux</p>
JUNE-AUG 2008	<p>Research Intern at IBM ALMADEN RESEARCH CENTER Research and prototype development for the Health-e-Assistant a personalized search engine for chronic diseases. TECHNOLOGIES: Perl, MySQL, Google Web Toolkit HOST: Dr. Tyrone Grandison</p>
SEPT-MAY 2009	<p>Campus Ambassador at SUN MICROSYSTEMS Evangelized and Presented SUN's Open Source Technologies to Campus. TECHNOLOGIES: OpenSolaris, ZFS and NetBeans for Java.</p>
MAY-AUG 2007	<p>Software Engineering Intern at HARRIS COMMUNICATIONS RF Researched the new Jupiter 21 GPS protocol, designed and developed an application for testing and evaluation. Rochester, NY TECHNOLOGIES: Visual C++ 2008</p>

OTHER ACTIVITIES

2023	Attendee	ACW Mid Career Mentoring Workshop
2023	Discussant	Big Data Suspect Identifications. Social Media, Race, and Community Knowledge Practices Conference.