

Rezvaneh “Shadi” Rezapour

Assistant Professor

Department of Information Science
School of Computer and Information Sciences
College of Engineering and Computing, Drexel University,
Philadelphia, PA, US

shadi.rezapour@drexel.edu

www.shadirezapour.com

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Research Expertise

Natural Language Processing (NLP), Computational Social Science, NLP for Social Good, Large Language Models, Human-Centered NLP, Data Science, Social Network Analysis.

Education

Doctor of Philosophy (Ph.D.), Information Sciences July 2021

School of Information Sciences, University of Illinois at Urbana-Champaign, USA

– **Dissertation Title:** From User-generated Text to Insight: Context-aware Measurement of Social Impacts and Interactions Using Natural Language Processing

– **Committee:** Jana Diesner (Chair), Karrie Karahalios, Roxana Girju, Ted Underwood

Master of Science (M.Sc.), Information Management December 2017

School of Information Sciences, University of Illinois at Urbana-Champaign, USA

Appointments

Department of Information Science, Drexel University Philadelphia, PA
Assistant Professor (Tenure-Track) September 2021 –Present

School of Information Sciences, University of Illinois at Urbana-Champaign Champaign, IL
Graduate Research Assistant January 2015 –July 2021

Synchrony Financial Champaign, IL
Research Intern in the Emerging Technologies Team August 2020 –December 2020

Spotify Research Boston, MA
Research Intern in the Language Technologies Lab June 2020 –August 2020

Gartner Champaign, IL
Research Intern/Data Scientist in the Big Data Innovation Team May 2018 –August 2018

Research Funding

NIH (R03), Reducing Stigma in Digital Spaces Through Human-Centered AI. PI: **Rezapour R.** (AY 26-28) (Total: \$142,109).

Google Cloud Researcher Award (Gemini API). Understanding various Characteristics of User and Machine Generated Texts Using GPT Models, PI: **Rezapour R.** (AY 26-27) (\$10,000).

NIA and a2 Pilot. A Synthetic Data Approach to Catalyzing Innovation in Dementia Caregiver Support. PI: Washington K (Washington University), Co-PIs: **Rezapour R.**, Huh-Yoo J (Stevens Institute). (AY 25-26) (Total: \$200,000, Share: \$101,000).

Longsview Fellowship, Drexel University. AI for Lab Notebooks: Supplanting Manual Entry with a Virtual Lab Assistant, Co-PIs: Jill Wenderott and **Rezapour R** (AY 25-26) (\$12,500).

Areas of Excellence & Opportunity pilot funding, Drexel University. Generative Artificial Intelligence and Epistemic Welfare: Mediated Discourse and Reality of Truth, Fairness, and Privacy in a ChatGPT World, Co-PI with Van den Bulck H, Jabbari S, **Rezapour R**, Gefen D. (AY 23-24) (Total: \$50,000, Share: \$30,000).

OpenAI's Researcher Access Program and API. Understanding various Characteristics of User and Machine Generated Texts Using GPT Models, PI: **Rezapour R**, (AY 24-25) (\$17,000).

Publications

(* equal contribution, Underline indicates student collaborators and advising)

In Progress/Under Review

- [i6] Aghakhani E, Wang L, Washington K, Demiris G, Huh-Yoo J, **Rezapour R**. (2026). PatientPST: Simulating patient behavior and cognitive reframing in problem-solving therapy. To be submitted to *the 2027 The Nations of the Americas Chapter of the Association for Computational Linguistics (NAACL)*.
- [i5] Jamie P, Pessianzadeh A, Sultana N, Ruane J, **Rezapour R**, Hosseinmardi H, Ghasemian A, Watts D. (2026). From dialogue to deliberation in AI-induced belief change. To be submitted to *PNAS*.
- [i4] Pessianzadeh A, Jamie P, Sultana N, Himmelstein G, Zektser Y, Ganz P, Hosseinmardi H, Ghasemian A, **Rezapour R**. Beyond binary detection: A multi-dimensional taxonomy of cancer misinformation on Reddit. Under Review at *the 2026 Conference on Empirical Methods in Natural Language Processing (EMNLP)*.
- [i3] Bouzoubaa L, **Rezapour R**. (2026). Self-Stigma is not a monolith, but generic empathy is: Persona-conditioned LLM support for people who use drugs. Under Review at *the 2026 Conference on Empirical Methods in Natural Language Processing (EMNLP)*.
- [i2] Bouzoubaa L, Choi H.W, Varghese M, Earnshaw V, **Rezapour R**. (2026). Modeling expressions of self-stigma over time among people who use drugs with Reddit user timelines. Under Review at *ACM Health*.
- [i1] Bouzoubaa L, Guo M, Trybala J, Razi A, **Rezapour R**. (2026). From #Dr00gtiktok to #harmreduction: Exploring substance use hashtags on TikTok. To be submitted to *ACM Health*.

Refereed Journal Articles

- [j12] Poole A, Pessianzadeh A, and **Rezapour R**. (forthcoming), Be patient and kind to yourself! Abortion-related health information practices on Reddit in the age of Dobbs v. Jackson, *JDoc*, 82, (2026). (Impact Factor: 2.5)
- [j11] Pessianzadeh A, Sultana N, Van Den Bulck H, Gefen D, Jabbari S, **Rezapour R**. (2026). In generative AI we (dis)trust? Computational analysis of trust and distrust in Reddit discussions. *Transactions of the Association for Computational Linguistics (TACL)*, 14, 1612–1638. (Impact Factor: 10.7)
- [j10] Seberger J.S, Gupta S.D, Razi A, **Rezapour, R**. (2026). Communicative surrogates and the ethics of LLM-mediated communication. *AI & Society*. (Impact Factor: 6.7)
- [j9] Asgari Y, Zhou H, Ozer K, **Rezapour R**, Sloane ME, Bovet A. (2026). Arab Spring's impact on science through the lens of scholarly attention, funding, and migration. *Scientometrics*. (Impact Factor: 4.4)
- [j8] Becker M, Han K, **Rezapour R**, Diesner J, Witt A. (2026). Impact classification within and beyond academia: Domain-robust annotation and the capacity of large language models. *Language Resources and Evaluation*. (Impact Factor: 2.4)
- [j7] Bouzoubaa L, Aghakhani E, **Rezapour R**. (2025). Phenotypes of stigma expressed by people who use drugs on Reddit. *Social Science and Medicine*, 118889. (Impact Factor: 5.0)
- [j6] Roshanaie M, **Rezapour R**, El-Nasr MS. (2025). Talk, listen, connect: Navigating empathy in human-AI interactions. *AI & Society*. (Impact Factor: 6.7)
- [j5] Bouzoubaa L, Ehsani R, Chatterji P, **Rezapour R**. (2025). Shifting narratives in media coverage across a decade of Drug discourse in the Philadelphia Inquirer: Qualitative sentiment analysis. *Journal of Medical Internet Research (JMIR) Infodemiology*, 5(1), e56004.(Impact Factor: 3.4)
- [j4] **Rezapour R***, Dinh L*, Jiang L, Diesner J. (2024). Structural balance in real-world social networks: incorporating direction and transitivity in measuring partial balance. *Social Network Analysis and Mining*, 14(1), 168.(Impact Factor: 3.2)
- [j3] Dinh L*, **Rezapour R***, Jiang L, Diesner J. (2023). Enhancing structural balance to analyze signed digraphs of real-world organizational networks. *Frontiers in Human Dynamics*.(Impact Factor: 2.8)

- [j2] Han K, **Rezapour R**, Nakamura K S, Devkota D, Miller D C, Diesner J. (2022). An expert-in-the-loop method for domain-specific document categorization based on small annotated data. *Journal of the Association for Information Science and Technology (JASIS&T)*. (Impact Factor: 5.1)
- [j1] Aref S*, Dinh L*, **Rezapour R***, Diesner J. (2020). Multilevel structural evaluation of signed directed social networks based on balance theory. *Scientific Reports*. (Impact Factor: 4.8)

Refereed Conference Papers

- [c30] Pessianzadeh A, Jamie P, Sultana N, Himmelstein G, Zektser Y, Ganz P, Hosseinmardi H, Ghasemian A, **Rezapour R**. Beyond binary detection: A multi-dimensional taxonomy of cancer misinformation on Reddit. Accepted at *the 2026 Conference on Empirical Methods in Natural Language Processing (EMNLP)*.
- [c29] Rose S, Bindal K, Garg V, **Rezapour R**. (2026), Stigma and support in online sexual violence narratives on Reddit. In *Proceedings of the 37th ACM Conference on Hypertext and Social Media (HT 26)*. (forthcoming) (Acceptance Rate: 33%)
- [c28] Aghakhani E, **Rezapour R**. (2026). Like a therapist, but not: Reddit narratives of AI in mental health contexts. In *Findings of the Association for Computational Linguistics (ACL)*. (pp. 11716–11736), San Diego, California, United States. Association for Computational Linguistics. (Acceptance Rate: 17.8%)
- [c27] Pessianzadeh A, Poole A, **Rezapour R**. (2026). Reddit after Roe: A computational analysis of abortion narratives and barriers in the wake of Dobbs. In *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)*. Vol. 20, No. 1, (pp. 1829-1848). Los Angeles, USA. (Acceptance Rate: 20%)
- [c26] **Rezapour R**, Jeoung S, You Z, Diesner J. (2025), Tales of morality: Comparing human- and LLM-generated moral stories from visual cues. In *Findings of the Association for Computational Linguistics (EMNLP)*. (pp. 18915–18933), Suzhou, China. Association for Computational Linguistics. (Acceptance Rate: 17.35%)
- [c25] Aghakhani E, Wang L, Washington K, Demiris G, Huh-Yoo J, **Rezapour R**. (2025). From conversation to automation: Leveraging large language models to analyze strategies in problem-solving therapy. In *Findings of the Association for Computational Linguistics (ACL)*. (pp. 25189–25207). Vienna, Austria. Association for Computational Linguistics. (Acceptance Rate: 16.65%)
- [c24] Razi A, Bouzoubaa L, Pessianzade A, Seiberger J, **Rezapour R**. (2025) Not a Swiss army knife: Knowledge workers' perceptions of trade-offs around generative artificial intelligence use. In *Proceedings of the Association for Information Science and Technology (ASIS&T)*. 62(1), (pp. 547-560). (Acceptance Rate: 33%)
- [c23] Naiman J, Pessianzadeh A, Zhao H, Christensen A J, Nunn A, Srikanth S, **Rezapour R**. (2025). Beyond the lens: quantifying the impact of scientific documentaries through Amazon reviews. In *Proceedings of the 17th ACM Web Science Conference*. (pp. 413-424). (Acceptance Rate: 27%) **Best Poster Award**.
- [c22] Pessianzade A, **Rezapour R**. (2025). Exploring stance on affirmative action through Reddit narratives. In *Proceedings of the 17th ACM Web Science Conference*. (pp. 52-63). (Acceptance Rate: 27%)
- [c21] Namvarpour M*, Aghakhani E*, Ekstrand M, **Rezapour R**, Razi A. (2025). The evolving landscape of youth online safety: Insights from news media analysis. In *Proceedings of the 17th ACM Web Science Conference*. (pp. 261-271). (Acceptance Rate: 27%)
- [c20] Zarin S, Trinh M, **Rezapour R**. (2025). Master of deceit: Comparative narrative analysis of human- and machine-Generated deceptive texts. In *Proceedings of the 17th ACM Web Science Conference*. (pp. 189-198). (Acceptance Rate: 27%)
- [c19] Bouzoubaa L, Aghakhani E, and **Rezapour R** (2024). Words matter: Reducing stigma in online conversations about substance use with large language models. In *Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. (pp. 9139-9156). Miami, USA. Association for Computational Linguistics. (Acceptance Rate: 20.8%)
- [c18] Bouzoubaa L, Aghakhani E, Song M, Trinh M, **Rezapour R**. (2024). Decoding the discourse: Analyzing personal narratives of drug experiences shared on Reddit. In *Findings of the Association for Computational Linguistics (ACL)*. (pp. 6131–6148), Bangkok, Thailand. Association for Computational Linguistics. (Acceptance Rate: 21%)
- [c17] Gefen D, Jabbari S, **Rezapour R**, Pessianzadeh A, Kayastha K, Van Den Bulck H. (2024). The evolving meaning of trust and risk in Reddit discourse about ChatGPT. In *Proceedings of the Americas Conference on Information Systems (AMCIS)*. (Acceptance Rate: 66%)
- [c16] Becker M, Han K, Werthmann A, **Rezapour R**, Lee H, Diesner J. (2024) Detecting impact-relevant sections in scientific research. In *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*. (pp. 4744–4749), Torino, Italia. ELRA and ICCL. (Acceptance Rate: 44.8%)
- [c15] Abdessamed Y, **Rezapour R**, Wilson S. (2024), Extraction of narrative spans from podcast data. In *Proceedings of the 18th Annual Meeting of the European chapter of the Association for Computational Linguistics (EACL)*. (pp 2631–2643), St. Julian's, Malta. Association for Computational Linguistics. (Acceptance Rate: 20.3%)

- [c14] Bouzoubaa L, Young J, **Rezapour R**. (2023). Exploring the landscape of drug communities on Reddit: A network study. In *Proceedings of the International Conference on Advances in Social Networks Analysis and Mining (ASONAM)*. (pp. 558-565). (Acceptance Rate: 21%)
- [c13] **Rezapour R**, Delgado Ramos D, Jeoung S, Diesner J. (2023). Moving beyond stance detection in cross-cutting communication analysis. In *Proceedings of the International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation (SBP-BRIMS)*. (pp. 305-315). Springer Nature. (Acceptance Rate: 42.5%)
- [c12] Ehsani R, **Rezapour R**, Chatterjee P. (2023). Exploring moral principles exhibited in OSS: A case study on GitHub heated issues. In *Proceedings of the 31st ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering (ESEC/FSE), Ideas, Visions and Reflections Track*. (pp. 2092-2096). (Acceptance Rate: 27.3%)
- [c11] **Rezapour R**, Reddy S, Jones, R, Soboroff, I. (2022). What makes a good podcast summary?. In *Proceedings of the 45th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR)*. (pp. 2039-2046), Madrid, Spain. (Acceptance Rate: 20.3%)
- [c10] **Rezapour R**, Dinh L, Diesner, J. (2021). Incorporating the measurement of Moral Foundations Theory in analyzing stances on controversial topics. In *Proceedings of the 32nd ACM Conference on Hypertext and Social Media (HT)*. (pp. 177-188), held online. (Acceptance Rate: 33%)
- [c9] Reddy S, Yu Y, Pappu A, Sivaraman A, **Rezapour R**, Jones R. (2021). Detecting non-topical content in podcasts. In *textit Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics (EACL): Main Volume*. (pp. 1166-1173). (Acceptance Rate: 24.7%)
- [c8] Clifton A, Reddy S, Yu Y, Pappu A, **Rezapour R**, Bonab H, Karlgren J, Carterette B, Jones R. (2020). 100,000 podcasts: A Large-scale spoken English document corpus. In *Proceedings of the 28th International Conference on Computational Linguistics (COLING)*. (pp. 5903-5917), held online. (Acceptance rate: 32.9%)
- [c7] Sarol J, Dinh L, **Rezapour R**, Chin C, Yang P, Diesner J. (2020). An empirical methodology for detecting and prioritizing needs during crisis events. In *Findings of Empirical Methods in Natural Language (EMNLP)*. (pp. 4102-4107), held online. (Acceptance rate: 15.5%)
- [c6] Jiang L, Dinh L, **Rezapour R**, Diesner J. (2020). Which group do you belong to? Sentiment-based PageRank to measure formal and informal influence of nodes in networks. In *International Conference on Complex Networks and Their Applications*. (pp. 623-636), held online.
- [c5] **Rezapour R**, Bopp J, Fiedler N, Steffen D, Witt A, Diesner J. (2020). Beyond citation: Corpus-based methods for assessing the impact of research outcomes on society. In *Proceedings of the 12th International Conference on Language Resources and Evaluation (LREC)*. (pp. 6777-6785), Marseille, France. European Language Resources Association. (Acceptance rate: 56%)
- [c4] **Rezapour R**, Diesner J. (2017) Classification and detection of micro-level impact of issue-focused films based on reviews. In *Proceedings of the 20th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)*. (pp. 1419-1431), Portland, OR. (Acceptance Rate: 34.5%)
- [c3] **Rezapour R**, Wang L, Abdar O, Diesner J (2017). Identifying the overlap between election result and candidates' ranking based on hashtag-enhanced, lexicon-based sentiment analysis. In *Proceedings of 11th International Conference on Semantic Computing (ICSC)*. (pp. 93-96), San Diego, CA. (Acceptance Rate: 15.53%)
- [c2] Diesner J, **Rezapour R**, Jiang M. (2016). Assessing public awareness of social justice documentary films based on news coverage versus social media. iConference. Philadelphia, USA. (Acceptance rate: 32%)
- [c1] Diesner J, **Rezapour R**. (2015). Social computing for impact assessment of social change projects. In *International Conference on Social Computing, Behavioral Modeling and Prediction (SBP)*. (pp. 34-43). Washington, DC. (Acceptance rate: 25%)

Refereed Workshop Papers

- [w11] Jamie P, Pessianzadeh A, Hosseinmardi H, **Rezapour R**, Ganz P, Ghasemian A. (2026). How you ask shapes what you get: Auditing breast-cancer misinformation in TikTok search. In *LLM/VLM Deployment Opportunities and Risks in Healthcare (DAIH) Workshop at COLM*. San Francisco, USA. (forthcoming)
- [w10] Wen X, **Rezapour R**. (2026). A transformer and prototype-based interpretable model for contextual sarcasm detection. In *Proceedings of the 15th Workshop on Computational Approaches to Subjectivity, Sentiment Social Media Analysis (WASSA 2026) at EACL*. (pp 278-288), Rabat, Morocco. Association for Computational Linguistics.
- [w9] Ehsani R, **Rezapour R**, Chatterjee P. (2025) Analyzing toxicity in open source software communications using psycholinguistics and Moral Foundations Theory. In *IEEE/ACM International Workshop on Natural Language-Based Software Engineering (NLBSE)*. (pp. 1-8), Ottawa, ON, Canada (co-located with ICSE).
- [w8] **Rezapour R**, Ge Y, Han K, Jeong R, Diesner J. (2024). Two-Stage, graph-augmented summarization for scientific text

- documents. In *Proceedings of the 1st Workshop on NLP for Science (NLP4Science) at EMNLP*. (pp 36–46), Miami, FL, USA. Association for Computational Linguistics.
- [w7] **Rezapour R**, Bouzoubaa L, Wilson S. (2024). Reclaiming the narrative: Digital recovery, AI & mitigating harm in social media workshop at ICWSM 2024. In *Workshop Proceedings of the 18th International AAAI Conference on Web and Social Media (ICWSM)*.
- [w6] Bouzoubaa L, **Rezapour R**. (2024). Euphoria's hidden voices: Examining emotional resonance and shared substance use experience of viewers on Reddit. In *Proceedings of the Workshop on Data for the Wellbeing of Most Vulnerable at the 18th International AAAI Conference on Web and Social Media (ICWSM)*.
- [w5] Bouzoubaa L, Ehsani R, Chatterji P, **Rezapour R**. (2023). The evolution of substance use coverage in the Philadelphia Inquirer. In *Data Challenge Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)*.
- [w4] Han K, **Rezapour R**, Nakamura K S, Devkota D, Miller D C, Diesner J. (2020). A domain-knowledge-based approach for extracting socio-environmental outcomes from project reports. In *Proceedings of METRICS 2020: Workshop on Informetrics and Scientometrics Research, at Association for Information Science & Technology (ASIS&T)*, held online.
- [w3] **Rezapour R**, Shah S, Diesner J. (2019). Enhancing the measurement of social effects by capturing morality. In *Proceedings of the 10th Workshop on Computational Approaches to Subjectivity, Sentiment and Social Media Analysis (WASSA). Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, Minneapolis, MN.
- [w2] Witt A, Diesner J, Steffen D, **Rezapour R**, Bopp J, Fiedler N, Köller C, Raster M, Wockenfuß J. (2018). Impact of scientific research beyond academia: An alternative classification schema. In *Proceedings of 1st Workshop on Computational Impact Detection from Text Data, 11th Conference on Language Resources and Evaluation (LREC)*, Miyazaki, Japan.
- [w1] Addawood A, **Rezapour R**, Abdar O, Diesner J. (2017). Telling apart tweets associated with controversial versus non-controversial topics. In *Proceedings of 2nd Workshop on Natural Language Processing and Computational Social Science (NLP+CSS) at 55th Annual Meeting of the Association for Computational Linguistics (ACL)*. (pp. 32-41). Vancouver, Canada.

Selected Refereed Extended Abstracts

- [e30] Aghakhani E, **Rezapour R**. (2026). Understanding user narratives of AI for mental health support on Reddit. In the *12th International Conference on Computational Social Science (IC2S2)*, Burlington, VT, United States.
- [e29] Bouzoubaa L, Aghakhani E, **Rezapour R**. (2026). Phenotypes of stigma expressed by people who use drugs on Reddit. In the *12th International Conference on Computational Social Science (IC2S2)*, Burlington, VT, United States.
- [e28] Wang L, Lynch D, Aghakhani E, Demiris G, Washington K, **Rezapour R**, Huh-Yoo J. (2025). AnnoLoom: Augmenting codebook generation and annotation with large language models. In *Association for Information Science and Technology (ASIS&T)*.
- [e27] Bouzoubaa L, Aghakhani E, **Rezapour R**. (2025). Phenotypes of stigma expressed by people who use drugs on Reddit. In *AMIA Annual Symposium Proceedings 2025*. American Medical Informatics Association.
- [e26] Shrivastava A, Wang L, Aghakhani E, **Rezapour R**, Huh-Yoo J. (2025). Enhancing transparency in large language model-based research with promptlog: A tool for prompt history tracking and reporting. In *AMIA Annual Symposium Proceedings 2025*. American Medical Informatics Association.
- [e25] Roshanaie M, **Rezapour R**, El-Nasr MS. (2025). Talk, listen, connect: Navigating empathy in human-AI interactions. In the *11th Annual International Conference on Computational Social Science (IC2S2)*. Sweden.
- [e24] Abdessamed Y, **Rezapour R**, Wilson S. (2024). Extraction of narrative spans from podcast data. In the *10th Annual International Conference on Computational Social Science (IC2S2)*. Philadelphia, USA.
- [e23] Pessianzadeh A, **Rezapour R**. (2024). Exploring the diversity of opinions on affirmative action through extended stance detection among Reddit users. In the *10th Annual International Conference on Computational Social Science (IC2S2)*. Philadelphia, USA.
- [e22] Bouzoubaa L, Young J, **Rezapour R**. (2024). Exploring the landscape of drug communities on Reddit: A network study. In the *10th Annual International Conference on Computational Social Science (IC2S2)*. Philadelphia, USA.
- [e21] Bouzoubaa L, Aghakhani E, **Rezapour R**. (2024). Decoding the discourse: Analyzing personal narratives of drug experiences shared on Reddit. In the *10th Annual International Conference on Computational Social Science (IC2S2)*. Philadelphia, USA.
- [e20] Bouzoubaa L, Ehsani R, Chatterji P, **Rezapour R**. (2024). Tracking the narrative: Changes in substance use reporting by the Philadelphia Inquirer. In the *10th Annual International Conference on Computational Social Science (IC2S2)*. Philadelphia, USA.
- [e19] Asgari Y, Zhou H, Kadir O, Villacastin J, Byun M, Sloane M.E, **Rezapour R**, Bovet A. (2024). Did the Arab Spring affect research power dynamics?. *NetSciX*, Venice, Italy.

- [e18] Bouzoubaa L, **Rezapour R.** (2023). Understanding personal drug experiences shared on Reddit: A multilabel classification system for addiction recovery research. In *New Directions in Analyzing Text as Data (TADA)*, Amherst, MA.
- [e17] Bouzoubaa L, **Rezapour R.** (2023). Real talk: A case study on HBO's Euphoria viewer discourse on substance use. In the 9th Annual International Conference on Computational Social Science (IC2S2). Copenhagen, Denmark.
- [e16] Han K, **Rezapour R**, Nakamura K S, Devkota D, Miller D C, Diesner J. (2022). An expert-in-the-loop method for domain-specific document categorization based on small annotated data. In *the 8th Annual International Conference on Computational Social Science (IC2S2)*, Chicago, IL.
- [e15] **Rezapour R.** (2020). Text mining for social good; Context-aware measurement of social impact and effects using natural language processing. In *Companion Publication of the 2020 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '20 Companion)*, Virtual Event, USA.
- [e14] Jiang L, Dinh L, **Rezapour R**, Diesner J. (2020). Sentiment-based PageRank to infer important nodes in social networks. In *2020 Women in Data Science Student Poster Session*, Champaign, IL. **Best Poster Award**
- [e13] Aref S*, Dinh L*, **Rezapour R***, and Diesner J. (2020). Multilevel structural evaluation of signed directed social networks. *Network Science Society Conference (NetSci2020)*, held online.
- [e12] Mishra A, **Rezapour R**, Park J, Diesner J. (2020). Leveraging topic modeling to enhance the interpretability of stance detection, In *the 6th Annual International Conference on Computational Social Science (IC2S2)*, Cambridge, MA.
- [e11] **Rezapour R**, Park J, Diesner J. (2020). Detecting characteristics of cross-cutting language networks on social media, In *the 6th Annual International Conference on Computational Social Science (IC2S2)*, Cambridge, MA.
- [e10] **Rezapour R**, Bopp J, Fiedler N, Steffen D, Witt A, Diesner J. (2020). Beyond citation: Corpus-based methods for assessing the impact of research outcomes on society. In *the 6th Annual International Conference on Computational Social Science (IC2S2)*, Cambridge, MA.
- [e9] Dinh L*, **Rezapour R***, Jiang L, Diesner J. (2020). Assessing balance in signed digraphs by combining balance and transitivity. In *the 6th Annual International Conference on Computational Social Science (IC2S2)*, Cambridge, MA.
- [e8] **Rezapour R**, Park J, Diesner J. (2020). Detecting characteristics of cross-cutting language networks on social media. In *International Sunbelt Social Network Conference*, Paris, France.
- [e7] **Rezapour R**, Ferronato P, Diesner J. (2019). How do moral values differ in tweets on social movements?. In *2019 iSchool@Illinois Research Showcase*, Champaign, IL. **Best Poster Award**
- [e6] **Rezapour R**, Ferronato P, Diesner J. (2019). How do moral values differ in tweets on social movements?. In *2019 Computer Supported Cooperative Work and Social Computing Companion Publication (CSCW'19 Companion)*, November 9–13, 2019, Austin, TX. ACM.
- [e5] **Rezapour R**, Diesner J.(2019). How can we detect the impact of documentary films from text? Using social computing to assess impact. In *2019 ACM Student Research Competition at Grace Hopper Celebration for Women*, Orlando, FL.
- [e4] **Rezapour R.** (2018). Using linguistic cues for analyzing social activism, In *the 4th Annual International Conference on Computational Social Science (IC2S2)*, Evanston, IL.
- [e3] Addawood A, **Rezapour R**, Mishra Sh, Schneider J, Diesner J. (2017). Developing an information source lexicon, In *the 2017 NIPS Workshop on Prioritising Online Content*, Long Beach, CA.
- [e2] **Rezapour R**, Diesner J. (2017). Classification and detection of micro-level impact of issue-focused films based on reviews. In *12th Women in Machine Learning Workshop (WiML 2017) co-located with NIPS*, Long Beach, CA.
- [e1] Diesner J., **Rezapour R.**, Pak S. (2015). Comparative impact assessment of documentaries and related media. *HASTAC*, East Lansing, MI.

E-Prints and Resources

- [p4] **Rezapour R**, Reddy S, Clifton A, Jones R.(2021). Spotify at TREC 2020: Genre-aware abstractive podcast summarization. In *the Text Retrieval Conference (TREC)*.
- [p3] **Rezapour R.** (2019). Data for: How do moral values differ in tweets on social movements?. *University of Illinois at Urbana-Champaign*. https://doi.org/10.13012/B2IDB-9614170_V1
- [p2] **Rezapour R**, Diesner J. (2019). Expanded morality lexicon. *University of Illinois at Urbana-Champaign*.https://doi.org/10.13012/B2IDB-3805242_V1.1
- [p1] **Rezapour R.** (2018). Using Linguistic Cues for Analyzing Social Movements. *arXiv preprint arXiv:1808.01742*.

Doctoral Consortium

- [d3] **Rezapour R.** (2020). Text Mining for social good; Context-aware measurement of social impact and effects using natural language processing. *The Second Consortium for Data Scientists in Training*, University of Michigan's Institute for Data Science, Virtual Event, USA.

- [d2] **Rezapour R.** (2020). Text Mining for social good; Context-aware measurement of social impact and effects using natural language processing. *ASIS&T*, Virtual Event, USA.
- [d1] **Rezapour R.** (2020). Text Mining for social good; Context-aware measurement of social impact and effects using natural language processing. *Computer Supported Cooperative Work and Social Computing (CSCW)*, Virtual Event, USA.

Selected Talks

Advancing Conservation Impact Assessment with NLP and Responsible AI ConservationLegacies Webinar, Online	2025
Socially-Aware NLP for Understanding Human Language in Context Technical University of Munich, Munich, Germany	2025
AI and Global Data Governance Global Studies and Modern Languages, Drexel, PA	2023
Studying Social Impacts and Effects through the Application of Natural Language Processing Decision Sciences & MIS Department, LeBow College of Business, Drexel, PA	2023
Utilizing Moral Values to Analyze User-generated Text on Social Media AI and Humanity Cluster, Simons Institute at UC Berkeley, Berkeley, CA	2022

Teaching

Drexel University

Instructor , Information Science Department Modeling Natural Language (DSCI690) (Newly Designed) (F2F)	Spring 2026
Instructor , Information Science Department Social Media Data Analysis (INFO440) (Redesigned) (F2F)	Spring 2022-Spring 2026
Instructor , Information Science Department Foundations of Data Science (F2F)	Fall 2024, Winter 2026
Instructor , Information Science Department Independant Study: Sarcasm Analysis (F2F)	Fall 2023
Instructor , Information Science Department Independant Study: Opinion Analysis Using NLP (F2F)	Summer-Fall 2023
Instructor , Information Science Department Data Acquisition and Preprocessing (DSCI511) (F2F)	Fall-Spring 2022-2023
Instructor , LEADING: LIS Education And Data Science Integrated Network Group Unsupervised Machine Learning (online)	Summer 2022-2023
Instructor , LEADING: LIS Education And Data Science Integrated Network Group Data Preprocessing (online)	Summer 2022-2023
Instructor , Information Science Department NLP+X (NLP Across Domains) Seminar (INFO873) (Newly Designed) (F2F)	Spring 2023
Instructor , Information Science Department Independant Study: NLP Project (F2F)	Summer-Fall 2022
Instructor , Information Science Department Computational Social Science Seminar(INFO873) (Newly Designed) (F2F)	Fall 2022
Instructor , Information Science Department Data Mining (INFO634) (Online)	Winter 2022

University of Illinois

Guest Lecturer , School of Information Sciences Colloquium (Online)	Fall 2020
Teaching Assistant , Global Education & Training Social Network Analysis (F2F)	Summer 2018
Guest Lecturer , School of Information Sciences Social Network Analysis (F2F)	Spring 2017
Teaching Assistant , School of Information Sciences Social Network Analysis (F2F)	Fall 2016
Guest Lecturer , School of Information Sciences, UIUC Social Media Analysis (Online)	Fall 2016

Advising

PhD Students

Angelica Shelman, Information Science, Drexel University, Starting in Fall 2026
Elham Aghakhani, Information Science, Drexel University, Winter 2024-present
Aria Pesianzadeh, Information Science, Drexel University, Fall 2023-present
Layla Bouzoubaa, Information Science, Drexel University, Fall 2022-Spring 2026 (Starting a Postdoc position in Fall 2026 at University of Miami)

Dissertation/Doctoral Candidacy Committee

Prateek Goel, Information Science, Drexel University, 2026
Elizabeth Sheffield, Information Science, Drexel University, 2026
Samira Vaez Barenji, Information Science, Drexel University, 2026
Sushobhan Parajuli, Information Science, Drexel University, 2026
Niusha Jafari, Information Science, Drexel University, 2026
Isamu Isozaki, Computer Science, Drexel University, 2026
Ximing Wen, Information Science, Drexel University, 2026
Wook Choi, Information Science, Drexel University, 2025
Matt Navampour, Information Science, Drexel University, 2025
Farnaz Ghashami, LeBow College of Business, Drexel University, 2024
Julian Goddy, Department of Mechanical Engineering and Mechanics, Drexel University, 2024
Mia Mohammad Imran, Computer Science, Virginia Commonwealth University, 2024
Deanna Zarrillo, Information Science, Drexel University, 2023
Jennifer Bochenek, Information Science, Drexel University, 2023
Lu Wang, Information Science, Drexel University, 2023
Michal Monselise, Information Science, Drexel University, 2022
Hanieh Razzaghi, Information Science, Drexel University, 2022

Research/Independent Study

Janhi Ong, B.Sc. Information Science, Drexel University, Spring and Summer 2025
Ximing Zhao, Ph.D. Information Science, Drexel University, Fall 2023-2025
Mayinuzzaman Shawon, Ph.D. Computer Science, Drexel University, Summer and Fall 2023-2025
Minh Nguyen, B.Sc. Data Science, Drexel University, Summer and Fall 2022

Masters and Undergraduate Students

Ali Ural, B.Sc. Data Science (Co-Op), Drexel University, 2026-Present
Ansh Lad, B.Sc. Data Science (Co-Op), Drexel University, 2025-Present
Karan Bindal, B.Sc. Data Science (Co-Op), Drexel University, 2025-Present
Shailshreyee Tagore, B.Sc. Economics & Data Science, Drexel University, 2025-2026

Milan Varghese, M.Sc. AI/ML (Co-Op), Drexel University, 2025-Present
 Yateen Sakhare, M.Sc. AI/ML (Co-Op), Drexel University, 2025-Present
 Naima Sultana, M.Sc. Computer Science, Drexel University, 2025-Present
 Kelsey Chong, B.Sc. Computer Science, Drexel University, 2025-2026
 Chinomso Mishaël Chukwuma, M.Sc. AI/ML, Drexel University, 2025-2026
 Kristine Yoo, B.Sc. Computer Science, Drexel University, 2025-2026
 Nam Hoang, B.Sc. Computer Science (Co-Op), Drexel University, Fall and Summer 2025.
 Princie Shah, B.Sc. Computer Science (STAR), Drexel University, 2025
 Jesus Romero, B.Sc. Computer Science (STAR), Drexel University, 2024
 Trevor Canfor-Dumas, B.Sc. Computer Science (STAR), Drexel University, 2024
 Patricia Tran, B.Sc. Computer Science (STAR), Drexel University, 2024
 Anthony Vaygen, B.Sc. Computer Science (STAR), Drexel University, 2024
 Hoàng Minh Lê Vũ, B.Sc. Software Engineering (STAR), Drexel University, 2024
 Zarah Malik, B.Sc. Data Science (STAR), Drexel University, 2024-Present
 Muqi Guo, M.Sc. Computer Science (Co-Op), Drexel University, 2024-Present
 Subhrato Som, M.Sc. Computer Science, Drexel University, 2024-Present
 Jasmine Ben-Whyte, B.Sc. Computer Science (Co-Op), Drexel University, 2024
 Max Song, M.Sc. Data Science (Co-Op), Drexel University, 2023-Present
 Samiha Zarin, B.Sc. Data Science (STAR), Drexel University, 2023-Present
 Minh Trinh, B.Sc. Data Science (STAR), Drexel University, 2023-Present
 Haoran Zhao, B.Sc. Computer Science (Research Senior Project), Drexel University, 2023-2024
 Geeta Kukreja, M.Sc. Computer Science (Co-Op), Drexel University, 2023-2024
 Satvik Bhasin, B.Sc. Computer Science (Co-Op), Drexel University, 2023
 Rishabh Sharma, M.Sc. Data Science, Drexel University, 2023
 Amui Gayle, M.Sc. Data Science, Drexel University, 2023
 Medhavi Pandit, B.Sc. Data Science, Drexel University, 2022
 Linh Phuong B.Sc. Nguyen, Data Science, Drexel University, 2022
 Minh Nguyen, B.Sc. Computer Science, Drexel University, 2022
 Jingqi Kou, B.Sc. Statistics, UIUC, 2021
 Farras Rivai, B.Sc. Information Science, UIUC, 2020-2021
 Kevin Redline, M.Sc. Library and Information Science, UIUC, 2021
 Junjie Yue, M.Sc. Information Management, UIUC, 2021,
 Ikenna Akuba, B.Sc. Econometrics, UIUC, 2020
 Vaishnavi Myadam, B.Sc. '22 Statistics and Computer Science, UIUC, 2020
 Lan Jiang, M.Sc. Information Management, UIUC, 2020
 Saumil Shah, M.Sc. Information Management, UIUC, 2019
 Tiffany Lu, B.Sc. Actuarial Science and Economics, UIUC, 2018
 Jessica Schmiederer, B.Sc. Actuarial Science and Economics, UIUC, 2018

Awards, Fellowships, and Highlights

Research Fellowship, iSchool, UIUC	2026-2028
Faculty Excellence Research Award, CCI	2025
Best Poster Award, WebSci	2025
AnitaB.org Advancing Inclusion Scholarship	2024
Selected to attend CRA-WP Career Mentoring Workshop, Chicago, IL	2023
Selected to attend the 2022 Science of Science Summer School, Online	2022
Selected to attend the 4th Annual Summer Institute in Computational Social Science, Chicago	2021
Doctoral Fellowship, School of Information Sciences, UIUC	2020, 2021
Selected for the Second Annual Consortium for Data Scientists in Training, University of Michigan	2020
Selected for CSCW Doctoral Consortium	2020
Selected for ASIS&T Doctoral Consortium	2020
NCWIT/Bloomberg Conference Grant for Grace Hopper Celebration	2020

SIGCHI Travel Fellowship, ACM	2019
Selected for the ACM Grace Hopper Student Research Competition (SRC)	2019
School of Information Sciences Grace Hopper Award, UIUC	2019
School of Information Sciences Student Travel Award, UIUC	2017, 2018, 2019
Women in Machine Learning Travel Award	2017
Grace Hopper Celebration Student Scholarship, The Anita Borg Institute	2017
Graduate College Travel Award, UIUC	2017
ACM-W Scholarship for Attendance of Research Conferences	2017

College and University Level Service

University Service at Drexel

Social Sciences and Humanities Research Committee (SSHRC), Co-Chair	AY 2025–2027
Provost's Office Working Group on the Educational Impact of Generative AI Tools, Member	AY 2022–2023

Departmental/College Service at Drexel

i-Program Undergrad Program, Member	AY 2025-2026
CCI Design Team (for College Transformation), Member	AY 2024-2025
Data Science Committee, Member	AY 2024-2025
CCI Research Committee, Member	AY 2024-2025
IS Tenure-Track Search Committee, Member	AY 2023-2024
PhD Committee, Member	Fall 2023
PhD Committee, Member	AY 2022-2023
PhD Committee, Member	AY 2021-2022
Data Science Committee, Member	AY 2021-2022

Professional Service

Conference Organization

18th ACM Web Science Conference (ACM WebSci), Proceedings Chair	2026
International AAAI Conference on Web and Social Media (ICWSM), Tutorial Co-Chair	2025
ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT), Proceedings Co-Chair	2024-2025
International Conference on Computational Social Science (IC2S2), Local Co-Chair	2024

Workshop and Tutorial Co-Organizer

Reclaiming the Narrative: Digital Recovery, AI, and Mitigating Harm in Social Media ICWSM (F2F)	2024
Information extraction from social media: A hands-on tutorial on tasks, data, and open source tools International Conference on Information and Knowledge Management (CIKM)(F2F)	2022
Impact assessment and network analysis Sunbelt Social Network Conference (Online)	2022
PyNetworkshop: Analyzing social network data in Jupyter Python Sunbelt Social Network Conference (Online)	2022
Information extraction from social media: A hands-on tutorial on tasks, data, and open source tools Language Resources and Evaluation Conference (LREC)(Online)	2022

Information extraction from social media: A hands-on tutorial on tasks, data, and open source tools European Conference on Information Retrieval (ECIR) (Online)	2022
PyNetworkshop: Analyzing social network data in Jupyter Python International Conference on Computational Social Science (IC2S2) (Online)	2021
PyNetworkshop: Analyzing social network data in Jupyter Python Networks (Online)	2021
Information extraction from social media: A hands-on tutorial on tasks, data, and open source tools The Web Conference (Online)	2021
PyNetworkshop: Analyzing social network data in Jupyter Python The Web Conference (Online)	2021
Information extraction from social media: A hands-on tutorial on tasks, data, and open source tools International Conference on Computational Social Science (IC2S2) (Online)	2020
Second workshop on computational impact detection from text data International Conference on Language Resources and Evaluation (LREC)	2020
Student poster session Women in Data Science Urbana-Champaign	2020

Program Committee Membership

Association for Computational Linguistics (ACL) (Area Chair)	2026
Computer-Supported Cooperative Work and Social Computing (CSCW) (Area Chair)	2024-2025
Computer-Supported Cooperative Work and Social Computing (CSCW)	2018 –2024
Web Science Conference (WebSci)	2020-2024
International AAAI Conference on Web and Social Media (ICWSM)	2019 –2024
Association for Computational Linguistics (ACL)	2019-2025
International Conference on Computational Social Science (IC2S2)	2018 –2024
Empirical Methods in Natural Language Processing (EMNLP)	2019 –2025
ACL Student Research Workshop (ACL SRW)	2019
North American Chapter of the Association for Computational Linguistics (NAACL)	2019
European Conference on Information Systems (ECIS)	2019
Scientific Computing with Python (SciPy)	2018

Journal/Conference Reviewing

National Science Foundation (NSF)	2022,2025,2026
Science	2024
Information Processing and Management	2022
American Psychologist	2022
EPJ Data Science	2021
Grace Hopper (GHC) Data Science Track	2017 –2019
ACM Hypertext	2017 –2019
International Conference on Advances in Social Networks Analysis and Mining (ASONAM)	2017, 2019
International AAAI Conference on Web and Social Media (ICWSM)	2017, 2018
SBP-BRiMS	2016, 2018
Journal of Environmental Impact Assessment	2017
Women in Machine Learning (WIML)	2017
Social Media & Society (#SMSociety)	2016, 2017

Complex Networks	2016
International AAAI Conference on Web and Social Media (Chairs) (ICWSMCHAIRS)	2016
Social Informatics (SocInfo)	2016

Chair and Founder

UIUC ACM-W Student Chapter	2019 –2021
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Student Volunteer

Fairness, Accountability, and Transparency Conference (ACM FAT*)	2019
Ph.D. Students Representative in Doctoral Studies Committee	2018
School of Information Sciences, UIUC	