

Verónica Pérez-Rosas

Assistant Professor
Computer Science
Texas State University

vperezr@txstate.edu
veronica.perezrosas@gmail.com
+1 734 763 0503
orcid:0000-0003-0581-2334

PROFESSIONAL POSITIONS

Assistant Professor	Texas State University, TX, USA. 2024 to present
Assistant Research Scientist	University of Michigan, MI, USA. 2018-2024
Post-doctoral Research Fellow	University of Michigan, Ann Arbor, USA. 2015-2018
Visiting Research Scholar	University of Michigan, Ann Arbor, USA. 2013-2014
Graduate Research Assistant	University of North Texas, Denton, USA. 2012-2013
Teaching Assistant	University of North Texas, Denton, USA. 2012
Teaching Professor	Universidad Politécnica de Altamira, Mexico, 2008-2011

EDUCATION

Ph.D. Computer Science and Engineering.	University of North Texas, 2014
M.S. Computer Science and Engineering	Instituto Tecnológico de Ciudad Madero, Mexico, 2007
B.S. Computer Science and Engineering	Instituto Tecnológico de Ciudad Madero, Mexico, 2005

AWARDS AND HONORS

- ICMI Ten-Year Technical Impact Award Runner-Up Award, 2025
- NextProf Nexus Workshop, Selected Participant, 2023
- Best Demo Award, "Automatic Detection of Fake News", Michigan AI Symposium, 2018
- NSF Doctoral Consortium Student Author Travel Scholarship, 2013
- Grace Hoper Scholarship, 2013
- Complementary scholarship for Graduate Students in a Foreign Country, SRE Mexico, 2014
- Scholarship for Graduate Students in a Foreign Country. Competitive scholarship for Mexican students. About 30 scholarships granted per year. CONACYT Mexico 2015
- Complementary Scholarship for Graduate Studies, CONACYT Mexico, 2007
- Scholarship for Graduate Studies. Competitive scholarship for Mexican students. About 10 scholarships granted per year. CONACYT Mexico, 2005

RESEARCH INTERESTS

Research Areas: Natural Language Processing, Computational Linguistics, Machine Learning, Multimodal Analysis, Affective Computing, Crowdsourcing, Conversational Analysis NLP for Health Applications, Large

Language Models

Research Topics: Sentiment Analysis, Deception Detection, Sarcasm Detection, Misinformation Detection, Multimodal Sensing of Human Behavior, Detection of Mental Health Distress, Dialog and Medical Conversations

TEACHING

2025	Computer Ethics. Spring. Texas State University
2024-2025	Advanced Natural Language Processing. Fall. Texas State University
2010	Computer Architecture. Fall. Universidad Politécnica de Altamira
2009	Linear Algebra. Winter. Universidad Politécnica de Altamira Data Structures and Algorithms
2008	Introduction to Computer Science. Fall. Universidad Politécnica de Altamira

RESEARCH GRANTS

- AIM-AHEAD NIH. Hays County Engaged AI and Learning Systems for Public Health Improvement. Co-PI. Currently under review.
- Collaborative Research: SCH:FOCUS: Wearable System for Dual Monitoring of Fall Risk and Cognitive Frailty for Optimized Fall Prevention. Co-PI. Currently under review
- Robert Wood Johnson Foundation. "Uncovering Social and Contextual Factors Associated with COVID-19 Vaccines Misinformation", \$400,000, PI
- National Science Foundation, "SCH: Natural Language Processing for Enhanced Behavioral Counseling", \$1,200,000, Co-PI
- Michigan Institute for Data Science. Propelling Original Data Science. "Developing Language-based Tools for Real Time Counseling Feedback", \$70,000. PI
- University of Michigan. Precision Health Initiative. "Precision Counselor: Natural Language Processing for Enhanced Behavior Counseling", \$300,000, Co-PI
- Procter and Gamble. "Multimodal Cross-Cultural Detection of Affect", \$300,000, Co-PI

PATENTS

- Unsupervised Focus-driven Graph-based Content Extraction. Ashkan Kazemi, Veronica Perez-Rosas, Rada Mihalcea. US Patent App. 17/964,400, 2023

TALKS

- *Human-Centered NLP for Behavioral Health: From Conversation to Coaching*. Keynote Talk. 26th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2025. Jaen, Spain.
- *Métodos Computacionales para la Detección y Mitigación de Desinformación*. Invited Talk. LATAM School of Artificial Intelligence 2025. Lima, Peru.

- *Using AI as a Therapy Supervisor in Training Therapists more Efficiently*. Invited Talk. 16th Annual National Network of Depression Centers Conference. 2025, Salt Lake City, Utah.
- *NLP for Timely and Actionable Feedback in Healthcare Conversations*, Mexican NLP Summer School 2024. Mexico City. Co-located event with NAACL 2024.
- *Empowering Psychotherapist Training with NLP Feedback* Invited Talk. 3rd Workshop on NLP for Positive Impact. EMNLP 2024
- *Developing NLP-based Feedback for Enhanced Counseling Training* Invited talk, AI Webinar at Umich Behavioral Research Innovation and Support Program.
- *Developing NLP-based Feedback for Enhanced Counseling Training*, Invited talk at the AI Round at the Advancing Behavioral Science through AI and Digital Health Conference, Umich.
- *Language Feedback Generation for Counseling Training*, Invited Talk, 34th Annual Albert J. Silverman Research Conference Department of Psychiatry. UofM.
- *Automatic Misinformation Detection using Natural Language Processing*, 2023, Invited Lecture. EECS 110: Discover Computer Science. UofM
- *Computational Methods for Misinformation Detection*, Invited Lecture. NxtGen Summer Academy, 2023, Michigan Institute for Data Science (UofM)
- *Integrating Features from Multiple Modalities for Trial Deception Detection*, 2022, Invited Talk, Lies and allies. Deception Research Society.
- *Computational Methods for Misinformation Detection*, 2022, Invited Lecture, Information Retrieval, UofM.
- *Developing NLP-based Feedback for Enhanced Counseling Training*. 2022, Invited Talk, Seminario de Computación en CIMAT. Centro de Investigación en Matemáticas. Mexico.
- *Natural Language Processing for Mental Health* , Invited Lecture, 2022, Health Analytics, UMSI, UofM.
- *Developing NLP-based Feedback for Enhanced Counseling Training*. 2021, Invited Talk, Behavioral Data Science Lab Seminar. University of Washington
- *Natural Language Processing for Enhanced Mental Healthcare*. 2021, Invited Talk, NLP Seminar Series. University of Pennsylvania
- *Developing Natural Language Processing Tools for Enhanced Psychotherapy*. 2021, Invited Talk, Data Science/Computational Social Science (DS/CSS) seminar, UofM.
- *Developing Natural Language Processing Tools for Enhanced Psychotherapy*, 2020, Invited Talk, AI Symposium, University of Michigan, 2020
- *Computational Models for Fake News and Misinformation Detection*, Invited Talk, PLAGAA Workshop, 2019
- *Automatic Detection of Fake News* 2018 IEEE SEM Fall Section Conference. Invited Talk, Imagine the future: Developing Artificial Intelligence, 2020.
- *Recognizing and Predicting Human Affective Responses to Visual Stimuli*., Michigan Research Community's winter research seminars, 2019, UofM.
- *Automated MITI Coding System with Automated Evaluative Feedback*, Technology Driven Communication Science. Fifth International Conference on Motivational Interviewing (ICMI), Philadelphia, 2017.
- *Natural Language Processing for Enhanced Motivational Interviewing*, 2017, Undergraduate Research Opportunity Program (UROP), UofM.

PROFESSIONAL SERVICE

Advisory Committee

Rheumatology Research Foundation. Scientist Development Award (RRF SDA), with Nirali Shah, Postdoctoral Fellow, University of Michigan

Addressing Misinformation to Promote Equity in Prostate Cancer Care, with Stacy Loeb, RoI Award from the National Cancer Institute

CAREER: Growing Together: Shaping Peer Culture to Boost STEM Motivation and Retention, with Eunjin Seo, Human Development and Family Sciences. Texas State University

Panels

- "First Global Infodemic: Censorship, Disinformation, and Propaganda in the Era of COVID-19", NLP for Internet Freedom workshop, NAACL 2021
- "Research as a Career", Explore Computer Science Research, 2019, UofM
- "NLP and Disinformation", NLP for Internet Freedom workshop. COLING 2018

Journal Reviewer:

Transactions of the Association for Computational Linguistics, Transactions on Affective Computing, Language Resources and Evaluation, Computer Speech & Language

Workshop Organization

Workshop on Multimodal Deception Detection, ICMI 2015 (with Mohamed Abouelenien, Mihai Burzo and Rada Mihalcea)

Area Chair

- Association for Computational Linguistics. NLP Applications (ACL 2025)
- Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024, LREC 2025), *Social Media Processing*
- Language Resources and Evaluation Conference (LREC 2022), *Multimodality*
- Conference on Empirical Methods in Natural Language Processing NLP applications (EMNLP 2020, EMNLP 2024), *NLP Applications*
- North American Chapter of the Association for Computational Linguistics (NAACL 2019, 2025), *Text Mining*

Program Committees

2025 NAACL 2025, ACL 2025, LREC 2025

2022 International Conference on Affective Computing and Intelligent Interaction (ACII 2022),

2021 European Chapter of the Association for Computational Linguistics (EACL 2021),

2020 Association for Computational Linguistics (ACL 2020)

2019 North American Chapter of the Association for Computational Linguistics (NAACL 2019), ACM International Conference on Multimodal Interaction (ICMI 2019), ICWSM, EMNLP, AAAI

- 2018 COLING, ACM International Conference on Multimodal Interaction 2018, EMNLP Workshop on Noisy User Generated Text (W-NUT 2018), COLING 2018 Workshop on Natural Language Processing for Internet Freedom (NLP4IF)
- 2017 Affective Computing and Intelligent Interaction (ACII 2017), Association for Computational Linguistics 2017,

Internal Service

- Member of the Masters Program Committee Texas State University
- Chair Search Committee member, 2023, UofM
- Reviewer for the 2023 round of the MIDAS Propelling Original Data Science (PODS) pilot grant, UofM

Outreach

- Instructor for the "Introduction to Data Science and AI Camp, 2023 Summer Camp", Michigan Institute for Data Science (UofM)
- Mentor for the "Explore Computer Science Research" in 2019, 2021, 2022 (UofM)
- Mentor for the "Building a Diverse Research Community" project, a program aiming to provide undergraduate women in Computer Science with hands-on research experience. (UofM)
- Co-chair, "Girls Encoded High School" outreach event for young women, (UofM)

CURRENT STUDENTS AT TEXAS STATE UNIVERSITY

- Durjoy Chandra, PhD
- Dhruvil Thummar, M.S.
- Muhammad Hammad Mobin, M.S.
- Ayusha Pandey, B.S.
- Rodrigo Takano Romero B.S.
- Bhattarai, Yugesh B.S.

PAST STUDENTS

PhD and Masters

- Do June Min (PhD), Conversational Modeling for Healthcare Communication, 2025
- Ashkan Kazemi (PhD) Human-Centered Natural Language Processing for Countering Misinformation, 2024
- Aylin Gunal, (M.S.) Conversational Analysis for Counseling Conversations, 2024
- Siqi Shen, (MS) Generating Reflection-Style Responses in Counseling Dialogs, 2019
- Do June Min, (MS) Automatic Coding of Health Topics in Patient and Care Provider Conversations, 2019
- Rui Hou (Ph.D. Intelligent Systems) Multimodal Health Misinformation Detection, 2018-2019
- Ruijiang Gao, (M.S. Statistics), Analyzing Language Bias in Fake News, 2017

- Felix Soldner, Visiting Student, (Master's in Criminal Science), University of Amsterdam, Deception Detection in Dialogues, 2018.

Undergraduate

- Aylin Gunal, Understanding the Role of Questions in Mental Health Support-Seeking Forums, 2022
- Ruoyao Wang, Predicting Misinformation Engagement in Health videos, 2021
- Ruiyi Wang, Inferring Demographic Attributes from Twitter Activity, 2022
- Tianjun Li, COVID-19 Stance Detection in Twitter, 2022
- Ava Luna Pardo-Keegan, Creating a Dataset of Counseling Questions from Reddit, 2022
- Tianjun Li, Collecting a Dataset of COVID-19 Vaccine Misinformation, 2021
- Muzhe Wu, Multimodal Prediction of AudioVisual Engagement, 2021
- Tianqi Lu, Tian Gao, Prediction Misinformation on News Regarding COVID-19 Vaccines, 2021
- Zhentao Xu, Inferring Social Media Users' Mental Health Status from Multimodal Information, 2019
- Ronald Duquette, 2019, Predicting and Forecasting Counseling Behaviors in Motivational Interviewing Conversations
- Addie Skinner. 2018, Sarcasm Detection in Reddit Comments, Explore Computer Science Research program.
- Wendy Du, Analyzing Linguistic Coordination During Deceptive Conversations, 2018, Explore Computer Science Research program.
- Yuanhang Luo, 2019 Classification of Health Topics in Medical Conversations using BERT-based models.
- Yinwei Dai, Kareen Faisal, Christy Li, Hui Liu, Automatic Generation of Counseling Questions, 2019
- Jianrong Yu, 2019, Multimodal Deception Detection in Dialogues
- Kristen Kreault, 2018. Undergraduate CSE, Topic Analysis for Nurse and Patient Encounters.
- Anna Dai, Quincy Davenport, 2017, Identity Deception Detection
- Xuetong Sun, Christy Li 2017, Collecting a dataset of effective and ineffective MI encounters
- Maximilian Mozes, Visiting Research Scholar, Technical University Munich, Predicting Unconditional and Conditional Semantic Plausibility Measurements, 2017
- Xinyi Wu, 2017, Undergraduate CSE, Analyzing Effective and Ineffective Counseling Conversations
- Clayton Thorrez, 2017 Undergraduate CSE, Identity Deception Detection
- Yuchen Wang, 2017, Undergraduate CSE, Understanding Empathic Interactions in Counseling Conversations
- Christy Li, Xuetong Sun, 2017, Undergraduate CSE, Mcubed summer Interns. Natural Language Processing for Enhanced Motivational Interviewing Interventions
- Alexandra Lefevre, Undergraduate CSE, 2017, Automatic Detection of Fake News
- Haitian Sun, 2016, Undergraduate CSE, Multimodal Deception Detection
- Dean Robinson, 2016, Undergraduate CSE, Understanding Empathetic Interactions in Counseling Conversations
- Yuling Liu, 2016, Undergraduate CSE, Understanding Empathic Interactions in Counseling Conversations
- Joanna Warrick, 2016, Undergraduate CSE, Predicting Reflections in Motivational Interviewing Encounters
- Samuel Bean, 2015, Undergraduate CSE, Multimodal Deception Detection

PUBLICATIONS

Theses

2. **Verónica Pérez-Rosas**. *Exploration of Visual, Acoustic, and Physiological Modalities to Complement Linguistic Representations for Sentiment Analysis*. University of North Texas, 2014
1. **Verónica Pérez-Rosas**. *Modelado Causal del Desempeño de Algoritmos Heurísticos en Problemas de Distribución de Objetos (Causal Modeling of Heuristic Algorithms' Performance Applied to Object Distribution Problems)*. Instituto Tecnológico de Ciudad Madero, 2014

Journal Articles

10. Do June Min, **Verónica Pérez-Rosas**, Kenneth Resnicow, and Rada Mihalcea. "Evaluating Language Models for Assessing Counselor Reflections." In: *ACM Trans. Comput. Healthcare* (Dec. 2025). Just Accepted
9. Rada Mihalcea, Laura Biester, Ryan L Boyd, Zhijing Jin, **Verónica Pérez-Rosas**, Steven Wilson, and James W Pennebaker. "How developments in natural language processing help us in understanding human behaviour." In: *Nature Human Behaviour* 8.10 (2024), pp. 1877–1889
8. Deborah J Wexler, Ian H de Boer, Alokandanda Ghosh, Naji Younes, Ionut Bebu, Silvio E Inzucchi, Janet B McGill, Sunder Mudaliar, et al. "Comparative Effects of Glucose-Lowering Medications on Kidney Outcomes in Type 2 Diabetes: The GRADE Randomized Clinical Trial." In: *JAMA Internal Medicine* (2023)
7. Charles Welch, **Verónica Pérez-Rosas**, Jonathan Kummerfeld, and Rada Mihalcea. "Learning From Personal Longitudinal Dialog Data." In: *IEEE Intelligent Systems* 34.4 (2019), pp. 16–23
6. M. Umut Şen, **Verónica Pérez-Rosas**, Berrin Yanikoglu, Mohamed Abouelenien, Mihai Burzo, and Rada Mihalcea. "Multimodal Deception Detection Using Real-Life Trial Data." In: *IEEE Transactions on Affective Computing* 13.1 (2022), pp. 306–319
5. Mihai Burzo, **Verónica Pérez-Rosas**, Daniel McDuff, Louis-Philippe Morency, Alexis Narvaez, and Rada Mihalcea. "Sensing Affective Response to Visual Narratives." In: *IEEE Computational Intelligence Magazine* 14.2 (2019), pp. 54–66
4. Mohamed Abouelenien, Mihai Burzo, **Verónica Pérez-Rosas**, Rada Mihalcea, Haitian Sun, and Bohan Zhao. "Gender Differences in Multimodal Contact-Free Deception Detection." In: *IEEE MultiMedia* 26.3 (July 2019), pp. 19–30
3. Mohamed Abouelenien, **Verónica Pérez-Rosas**, Rada Mihalcea, and Mihai Burzo. "Detecting Deceptive Behavior via Integration of Discriminative Features From Multiple Modalities." In: *IEEE Transactions on Information Forensics and Security* 12.5 (2017), pp. 1042–1055
2. Ken Resnicow, Donna Harris, Richard Wasserman, Robert P Schwartz, **Verónica Pérez-Rosas**, Rada Mihalcea, and Linda Snetselaar. "Advances in motivational interviewing for pediatric obesity: results of the brief motivational interviewing to reduce body mass index trial and future directions." In: *Pediatric Clinics* 63.3 (2016), pp. 539–562
1. **Verónica Pérez-Rosas**, Rada Mihalcea, and Louis-Philippe Morency. "Multimodal Sentiment Analysis of Spanish Online Videos." In: *IEEE Intelligent Systems* 28.3 (2013), pp. 38–45

Book Chapters

4. Alberto Castro-Hernández, **Verónica Pérez-Rosas**, and Kathleen M. Swigger. “Effect of Temporal Patterns on Task Cohesion in Global Software Development Teams.” In: *Computación y Sistemas* 26.2 (2022)
3. Mihai Burzo, Mohamed Abouelenien, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Multimodal Deception Detection.” In: *The Handbook of Multimodal-Multisensor Interfaces: Signal Processing, Architectures, and Detection of Emotion and Cognition - Volume 2*. Association for Computing Machinery and Morgan & Claypool, 2018, pp. 419–453
2. **Verónica Pérez-Rosas**, Cristian Bologa, Mihai Burzo, and Rada Mihalcea. “Deception Detection Within and Across Cultures.” In: *Text Mining: From Ontology Learning to Automated Text Processing Applications*. Ed. by Chris Biemann and Alexander Mehler. Cham: Springer International Publishing, 2014, pp. 157–175
1. **Verónica Pérez-Rosas** and Rada Mihalcea. “Gender Differences in Deceivers Writing Style.” In: *Human-Inspired Computing and Its Applications*. Ed. by Alexander Gelbukh, Félix Castro Espinoza, and Sofía N. Galicia-Haro. Cham: Springer International Publishing, 2014, pp. 163–174

Referred Conferences

58. Do June Min, **Verónica Pérez-Rosas**, Kenneth Resnicow, and Rada Mihalcea. “Speech-Integrated Modeling for Behavioral Coding in Counseling.” In: *Proceedings of the 26th Annual Meeting of the Special Interest Group on Discourse and Dialogue*. Ed. by Frédéric Béchet, Fabrice Lefèvre, Nicholas Asher, Seokhwan Kim, and Teva Merlin. Avignon, France: Association for Computational Linguistics, Aug. 2025, pp. 152–158
57. Sophia M Abusamra, Verónica Ochoa Cholán, Veda N Giri, Susan T Vadaparampil, **Verónica Pérez-Rosas**, Adrian Rivera, Tatiana Sanchez Nolasco, Mariana Rangel Camacho, et al. “Quality of English-and Spanish-language online content about prostate cancer genetics: Insights into potential contributors to prostate cancer disparities.” In: *BJUI compass* 6.3 (2025), e70011
56. Arshia Kermani, **Verónica Pérez-Rosas**, and Vangelis Metsis. “A Systematic Evaluation of LLM Strategies for Mental Health Text Analysis: Fine-tuning vs. Prompt Engineering vs. RAG.” in: *Proceedings of the 10th Workshop on Computational Linguistics and Clinical Psychology (CLPsych 2025)*. Ed. by Ayah Zirikly, Andrew Yates, Bart Desmet, Molly Ireland, Steven Bedrick, Sean MacAvaney, Kfir Bar, and Yaakov Ophir. Albuquerque, New Mexico: Association for Computational Linguistics, May 2025, pp. 172–180
55. Aylin Ece Gunal, Bowen Yi, John D. Piette, Rada Mihalcea, and **Verónica Pérez-Rosas**. “Examining Spanish Counseling with MIDAS: a Motivational Interviewing Dataset in Spanish.” In: *Proceedings of the 2025 Conference of the Nations of the Americas Chapter of the Association for Computational Linguistics: Human Language Technologies (Volume 2: Short Papers)*. Ed. by Luis Chiruzzo, Alan Ritter, and Lu Wang. Albuquerque, New Mexico: Association for Computational Linguistics, Apr. 2025, pp. 866–872
54. Do June Min, **Verónica Pérez-Rosas**, Ken Resnicow, and Rada Mihalcea. “Dynamic Reward Adjustment in Multi-Reward Reinforcement Learning for Counselor Reflection Generation.” In: *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*. Ed. by Nicoletta Calzolari, Min-Yen Kan, Veronique Hoste, Alessandro Lenci, Sakriani Sakti, and Nianwen Xue. Torino, Italia: ELRA and ICCL, May 2024, pp. 5437–5449
53. Oana Ignat, Zhijing Jin, Artem Abzaliev, Laura Biester, Santiago Castro, Naihao Deng, Xinyi Gao, Aylin Ece Gunal, et al. “Has It All Been Solved? Open NLP Research Questions Not Solved by Large Language Models.” In: *Proceedings of the 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (LREC-COLING 2024)*. Ed. by Nicoletta Calzolari, Min-Yen Kan, Veronique Hoste, Alessandro Lenci, Sakriani Sakti, and Nianwen Xue. Torino, Italia: ELRA and ICCL, May 2024, pp. 8050–8094

52. Ashkan Kazemi, Artem Abzaliev, Naihao Deng, Rui Hou, Davis Liang, Scott A Hale, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Adaptable Claim Rewriting with Offline Reinforcement Learning for Effective Misinformation Discovery.” In: *IJCNLP-AACL 2023: The 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics* (2023)
51. Do June Min, **Verónica Pérez-Rosas**, Kenneth Resnicow, and Rada Mihalcea. “VERVE: Template-based Reflective Rewriting for Motivational Interviewing.” In: *Accepted for publication at the Findings of Empirical Methods in Natural Language Processing*. Dec. 2023
50. Do June Min, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Navigating Data Scarcity: Pretraining for Medical Utterance Classification.” In: *Proceedings of the 5th Clinical Natural Language Processing Workshop*. Ed. by Tristan Naumann, Asma Ben Abacha, Steven Bethard, Kirk Roberts, and Anna Rumshisky. Toronto, Canada: Association for Computational Linguistics, July 2023, pp. 59–68
49. Do June Min, **Verónica Pérez-Rosas**, Kenneth Resnicow, and Rada Mihalcea. “PAIR: Prompt-Aware margIn Ranking for Counselor Reflection Scoring in Motivational Interviewing.” In: *Conference on Empirical Methods in Natural Language Processing*. 2022
48. Aylin Gunal, Ian Stewart, Rada Mihalcea, and **Verónica Pérez-Rosas**. “Understanding the Role of Questions in Mental Health Support-Seeking Forums.” In: *Health Intelligence Workshop at AAAI 2023*. 2023
47. Ashkan Kazemi, Zehua Li, **Verónica Pérez-Rosas**, Scott A Hale, and Rada Mihalcea. “Matching Tweets With Applicable Fact-Checks Across Languages.” In: *De-Factify Workshop at AAAI 2022* (2022)
46. Charles Welch, Chenxi Gu, Jonathan K. Kummerfeld, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Leveraging Similar Users for Personalized Language Modeling with Limited Data.” In: *Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*. Ed. by Smaranda Muresan, Preslav Nakov, and Aline Villavicencio. Dublin, Ireland: Association for Computational Linguistics, May 2022, pp. 1742–1752
45. Siqi Shen, **Verónica Pérez-Rosas**, Charles Welch, Soujanya Poria, and Rada Mihalcea. “Knowledge Enhanced Reflection Generation for Counseling Dialogues.” In: *Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*. Ed. by Smaranda Muresan, Preslav Nakov, and Aline Villavicencio. Dublin, Ireland: Association for Computational Linguistics, May 2022, pp. 3096–3107
44. Allison Lahnala, Yuntian Zhao, Charles Welch, Jonathan K. Kummerfeld, Lawrence C An, Kenneth Resnicow, Rada Mihalcea, and **Verónica Pérez-Rosas**. “Exploring Self-Identified Counseling Expertise in Online Support Forums.” In: *Findings of the Association for Computational Linguistics: ACL-IJCNLP 2021*. Ed. by Chengqing Zong, Fei Xia, Wenjie Li, and Roberto Navigli. Online: Association for Computational Linguistics, Aug. 2021, pp. 4467–4480
43. Do June Min, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Evaluating Automatic Speech Recognition Quality and Its Impact on Counselor Utterance Coding.” In: *Proceedings of the Seventh Workshop on Computational Linguistics and Clinical Psychology: Improving Access*. Ed. by Nazli Goharian, Philip Resnik, Andrew Yates, Molly Ireland, Kate Niederhoffer, and Rebecca Resnik. Online: Association for Computational Linguistics, June 2021, pp. 159–168
42. Ashkan Kazemi, Zehua Li, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Extractive and Abstractive Explanations for Fact-Checking and Evaluation of News.” In: *Proceedings of the Fourth Workshop on NLP for Internet Freedom: Censorship, Disinformation, and Propaganda*. Ed. by Anna Feldman, Giovanni Da San Martino, Chris Leberknight, and Preslav Nakov. Online: Association for Computational Linguistics, June 2021, pp. 45–50

41. Alex J Xu, Akya Myrie, Jacob I Taylor, Richard Matulewicz, Tian Gao, **Verónica Pérez-Rosas**, Rada Mihalcea, and Stacy Loeb. “Instagram and prostate cancer: using validated instruments to assess the quality of information on social media.” In: *Prostate Cancer and Prostatic Diseases* (2021), pp. 1–3
40. Alex J Xu, Jacob Taylor, Tian Gao, Rada Mihalcea, **Verónica Pérez-Rosas**, and Stacy Loeb. “TikTok and prostate cancer: misinformation and quality of information using validated questionnaires.” In: *BJU international* 128.4 (Oct. 2021), pp. 435–437
39. Stacy Loeb, Rada Mihalcea, **Verónica Pérez-Rosas**, Alex Xu, Jacob Taylor, Nataliya Byrne, Dawn Walter, Marina Ness, et al. “Leveraging social media as a thermometer to gauge patient and caregiver concerns: COVID-19 and prostate cancer.” In: *European urology open science* 25 (2021), pp. 1–4
38. Ashkan Kazemi, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Biased TextRank: Unsupervised Graph-Based Content Extraction.” In: *Proceedings of the 28th International Conference on Computational Linguistics*. 2020
37. Alberto Castro-Hernández, **Verónica Pérez-Rosas**, and Kathleen M. Swigger. “Collaboration and Content-Based Measures to Predict Task Cohesion in Global Software Development Teams.” In: *Polibits* 62 (2020), pp. 5–12
36. Charles Welch, Jonathan K. Kummerfeld, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Exploring the Value of Personalized Word Embeddings.” In: *Proceedings of the 28th International Conference on Computational Linguistics*. 2020, pp. 6856–6862
35. Charles Welch, Jonathan K. Kummerfeld, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Compositional Demographic Word Embeddings.” In: *Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing*. Online, Nov. 2020
34. Yiqun Yao, **Verónica Pérez-Rosas**, Mohamed Abouelenien, and Mihai Burzo. “MORSE: Multimodal Sentiment Analysis for Real-Life Settings.” In: *Proceedings of the 2020 International Conference on Multimodal Interaction*. ICMI ’20. Virtual Event, Netherlands: Association for Computing Machinery, 2020, pp. 387–396
33. Do June Min, **Verónica Pérez-Rosas**, Shihchen Kuo, William H. Herman, and Rada Mihalcea. “UPSTAGE: Unsupervised Context Augmentation for Utterance Classification in Patient-Provider Communication.” In: *Proceedings of the 5th Machine Learning for Healthcare Conference*. Ed. by Finale Doshi-Velez, Jim Fackler, Ken Jung, David Kale, Rajesh Ranganath, Byron Wallace, and Jenna Wiens. Vol. 126. Proceedings of Machine Learning Research. Virtual: PMLR, July 2020, pp. 895–912
32. Charles Welch, Allison Lahnala, **Verónica Pérez-Rosas**, Siqi Shen, Sarah Seraj, Larry An, Kenneth Resnicow, James Pennebaker, et al. “Expressive Interviewing: A Conversational System for Coping with COVID-19.” In: *Proceedings of the 1st Workshop on NLP for COVID-19 (Part 2) at EMNLP 2020*. Online: Association for Computational Linguistics, Dec. 2020
31. Stacy Loeb, Jacob Taylor, James F Borin, Rada Mihalcea, **Verónica Pérez-Rosas**, Nataliya Byrne, Austin L Chiang, and Aisha Langford. “Fake news: spread of misinformation about urological conditions on social media.” In: *European Urology Focus* 6.3 (2020), pp. 437–439
30. Siqi Shen, Charles Welch, Rada Mihalcea, and **Verónica Pérez-Rosas**. “Counseling-Style Reflection Generation Using Generative Pretrained Transformers with Augmented Context.” In: *Proceedings of the 21th Annual Meeting of the Special Interest Group on Discourse and Dialogue*. 1st virtual meeting: Association for Computational Linguistics, July 2020, pp. 10–20
29. **Verónica Pérez-Rosas**, Ashkan Kazemi, Rada Mihalcea, Rui Hou, Nataliya Byrne, and Stacy Loeb. “MP64-02-2003; Fake News About Prostate Cancer: Distinguishing Between Language Patterns in Misinformative Online Videos.” In: *Journal of Urology* 203.Suppment 4 (2020), e963–e963. eprint: <https://www.auajournals.org/doi/pdf/10.1097/JU.0000000000000939.02>

28. **Verónica Pérez-Rosas**, Xinyi Wu, Kenneth Resnicow, and Rada Mihalcea. “What Makes a Good Counselor? Learning to Distinguish between High-quality and Low-quality Counseling Conversations.” In: *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics*. Florence, Italy: Association for Computational Linguistics, July 2019, pp. 926–935
27. Zhentao Xu, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Inferring Social Media Users’ Mental Health Status from Multimodal Information.” English. In: *Proceedings of the Twelfth Language Resources and Evaluation Conference*. Ed. by Nicoletta Calzolari, Frédéric Béchet, Philippe Blache, Khalid Choukri, Christopher Cieri, Thierry Declerck, Sara Goggi, Hitoshi Isahara, et al. Marseille, France: European Language Resources Association, May 2020, pp. 6292–6299
26. Rui Hou, **Verónica Pérez-Rosas**, Stacy Loeb, and Rada Mihalcea. “Towards Automatic Detection of Misinformation in Online Medical Videos.” In: *2019 International Conference on Multimodal Interaction*. ICMI ’19. Suzhou, China: Association for Computing Machinery, 2019, pp. 235–243
25. **Verónica Pérez-Rosas**, Xinyi Wu, Kenneth Resnicow, and Rada Mihalcea. “What Makes a Good Counselor? Learning to Distinguish between High-quality and Low-quality Counseling Conversations.” In: *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics*. Florence, Italy: Association for Computational Linguistics, July 2019, pp. 926–935
24. Felix Soldner, **Verónica Pérez-Rosas**, and Rada Mihalcea. “Box of Lies: Multimodal Deception Detection in Dialogues.” In: *Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies, Volume 1 (Long and Short Papers)*. Minneapolis, Minnesota: Association for Computational Linguistics, June 2019, pp. 1768–1777
23. Charles Welch, **Verónica Pérez-Rosas**, Jonathan K. Kummerfeld, and Rada Mihalcea. “Look Who’s Talking: Inferring Speaker Attributes from Personal Longitudinal Dialog.” In: *Proceedings of the 20th International Conference on Computational Linguistics and Intelligent Text Processing (CICLing)*. La Rochelle, France, 2019
22. **Verónica Pérez-Rosas**, Bennett Kleinberg, Alexandra Lefevre, and Rada Mihalcea. “Automatic Detection of Fake News.” In: *Proceedings of the 27th International Conference on Computational Linguistics*. Santa Fe, New Mexico, USA: Association for Computational Linguistics, Aug. 2018, pp. 3391–3401
21. **Verónica Pérez-Rosas**, Xuotong Sun, Christy Li, Yuchen Wang, Kenneth Resnicow, and Rada Mihalcea. “Analyzing the Quality of Counseling Conversations: the Tell-Tale Signs of High-quality Counseling.” In: *Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC 2018)*. Miyazaki, Japan: European Language Resources Association (ELRA), May 2018
20. Mohamed Abouelenien, **Verónica Pérez-Rosas**, Rada Mihalcea, and Mihai Burzo. “Multimodal Gender Detection.” In: *Proceedings of the 19th ACM International Conference on Multimodal Interaction*. ICMI ’17. Glasgow, UK: Association for Computing Machinery, 2017, pp. 302–311
19. **Verónica Pérez-Rosas**, Quincy Davenport, Anna Mengdan Dai, Mohamed Abouelenien, and Rada Mihalcea. “Identity Deception Detection.” In: *Proceedings of the Eighth International Joint Conference on Natural Language Processing (Volume 1: Long Papers)*. Taipei, Taiwan: Asian Federation of Natural Language Processing, Nov. 2017, pp. 885–894
18. **Verónica Pérez-Rosas**, Rada Mihalcea, Kenneth Resnicow, Satinder Singh, and Lawrence An. “Understanding and Predicting Empathic Behavior in Counseling Therapy.” In: *Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*. Vancouver, Canada: Association for Computational Linguistics, July 2017, pp. 1426–1435
17. **Verónica Pérez-Rosas**, Rada Mihalcea, Kenneth Resnicow, Satinder Singh, Lawrence An, Kathy J. Goggin, and Delwyn Catley. “Predicting Counselor Behaviors in Motivational Interviewing Encounters.” In: *Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics: Volume 1, Long Papers*. Valencia, Spain: Association for Computational Linguistics, Apr. 2017, pp. 1128–1137

16. Mohamed Abouelenien, **Verónica Pérez-Rosas**, Rada Mihalcea, and Mihai Burzo. “Multimodal Gender Detection.” In: *Proceedings of the 19th ACM International Conference on Multimodal Interaction*. ICMI ’17. Glasgow, UK: Association for Computing Machinery, 2017, pp. 302–311
15. **Verónica Pérez-Rosas**, Rada Mihalcea, Kenneth Resnicow, Satinder Singh, and Lawrence An. “Building a Motivational Interviewing Dataset.” In: *Proceedings of the Third Workshop on Computational Linguistics and Clinical Psychology*. San Diego, CA, USA: Association for Computational Linguistics, June 2016, pp. 42–51
14. **Verónica Pérez-Rosas** and Rada Mihalcea. “Experiments in Open Domain Deception Detection.” In: *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing*. Lisbon, Portugal: Association for Computational Linguistics, Sept. 2015, pp. 1120–1125
13. **Verónica Pérez-Rosas**, Mohamed Abouelenien, Rada Mihalcea, and Mihai Burzo. “Deception Detection Using Real-Life Trial Data.” In: *Proceedings of the 2015 ACM on International Conference on Multimodal Interaction*. ICMI ’15. Seattle, Washington, USA: Association for Computing Machinery, 2015, pp. 59–66
12. **Verónica Pérez-Rosas**, Mohamed Abouelenien, Rada Mihalcea, Yao Xiao, CJ Linton, and Mihai Burzo. “Verbal and Nonverbal Clues for Real-life Deception Detection.” In: *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing*. Lisbon, Portugal: Association for Computational Linguistics, Sept. 2015, pp. 2336–2346
11. Mohamed Abouelenien, **Verónica Pérez-Rosas**, Rada Mihalcea, and Mihai Burzo. “Deception Detection Using a Multimodal Approach.” In: *Proceedings of the 16th International Conference on Multimodal Interaction*. ICMI ’14. Istanbul, Turkey: Association for Computing Machinery, May 2014, pp. 58–65
10. **Verónica Pérez-Rosas** and Rada Mihalcea. “Cross-cultural Deception Detection.” In: *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers)*. Baltimore, Maryland: Association for Computational Linguistics, June 2014, pp. 440–445
9. **Verónica Pérez-Rosas**, Rada Mihalcea, Alexis Narvaez, and Mihai Burzo. “A Multimodal Dataset for Deception Detection.” In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC’14)*. Reykjavik, Iceland: European Language Resources Association (ELRA), May 2014, pp. 3118–3122
8. Mihai Burzo, Mohamed Abouelenien, **Verónica Pérez-Rosas**, Cakra Wicaksono, Yong Tao, and Rada Mihalcea. “Using Infrared Thermography and Biosensors to Detect Thermal Discomfort in a Building’s Inhabitants.” In: vol. Volume 6B: Energy. ASME International Mechanical Engineering Congress and Exposition. Nov. 2014, Vo6BT07A015. eprint: <https://asmedigitalcollection.asme.org/IMECE/proceedings-pdf/IMECE2014/46521/V06BT07A015/4267049/v06bt07a015-imece2014-40269.pdf>
7. **Verónica Pérez-Rosas** and Rada Mihalcea. “Sentiment analysis of online spoken reviews.” In: *Proc. Interspeech 2013*. 2013, pp. 862–866
6. **Verónica Pérez-Rosas**, Rada Mihalcea, and Louis-Philippe Morency. “Utterance-Level Multimodal Sentiment Analysis.” In: *Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*. Sofia, Bulgaria: Association for Computational Linguistics, Aug. 2013, pp. 973–982
5. **Verónica Pérez-Rosas**, Alexis Narvaez, Mihai Burzo, and Rada Mihalcea. “Thermal Imaging for Affect Detection.” In: *Proceedings of the 6th International Conference on Pervasive Technologies Related to Assistive Environments*. PETRA ’13. Rhodes, Greece: Association for Computing Machinery, 2013
4. Mihai Burzo, Daniel McDuff, Rada Mihalcea, Louis-Philippe Morency, Alexis Narvaez, and **Verónica Pérez-Rosas**. “Towards Sensing the Influence of Visual Narratives on Human Affect.” In: *Proceedings of the 14th ACM International Conference on Multimodal Interaction*. ICMI ’12. Santa Monica, California, USA: Association for Computing Machinery, 2012, pp. 153–160

3. Rada Mihalcea, **Verónica Pérez-Rosas**, and Mihai Burzo. “Automatic Detection of Deceit in Verbal Communication.” In: *Proceedings of the 15th ACM on International Conference on Multimodal Interaction*. ICMI ’13. Sydney, Australia: Association for Computing Machinery, 2013, pp. 131–134
2. **Verónica Pérez-Rosas**, Carmen Banea, and Rada Mihalcea. “Learning Sentiment Lexicons in Spanish.” In: *Proceedings of the Eighth International Conference on Language Resources and Evaluation (LREC’12)*. Istanbul, Turkey: European Language Resources Association (ELRA), May 2012, pp. 3077–3081
1. Laura Cruz-Reyes, Claudia Gómez-Santillán, Satu Elisa Schaeffer, Marcela Quiroz-Castellanos, Victor M Alvarez-Hernández, and **Verónica Pérez-Rosas**. “Enhancing accuracy of hybrid packing systems through general-purpose characterization.” In: *Hybrid Artificial Intelligent Systems: 6th International Conference, HAIS 2011, Wroclaw, Poland, May 23-25, 2011, Proceedings, Part II* 6. Springer. 2011, pp. 26–33

CITATIONS

- 5454, Google Scholar (November 2025)

OTHER

- English fluent spoken/written
- Spanish (native)