HANDE BATAN

Personal Website ◇ LinkedIn ◇ GitHub ◇ hande.batan@colorado.edu

EDUCATION

University of Colorado Boulder *August 2021 - May 2025 (expected)*
Ph.D. in Information Science GPA: 3.89
Advisor: Dr. Leysia Palen

University of Colorado Boulder *January 2020-May 2021*
M.S. in Information Science GPA: 3.80
Advisor: Dr. Leysia Palen

University of Colorado Boulder *August 2015-May 2019*
B.S. in Business Analytics and Entrepreneurship & Strategy
Minor in Information Science

RESEARCH INTERESTS

Vaccine Compliance, Vaccine Hesitancy, Public Health, Mis- and Disinformation, Human-Computer Interaction, Computational Social Science

SKILLS

UX Skills	Semi-structured Interviews, Surveys, Inductive Thematic Analysis, Content Analysis, Inductive Coding, Wireframing, Observation
Technical	Python 3.6.4, MySQL, Microsoft Excel, Alteryx, Tableau, R, HTML, CSS, P5.js

PUBLICATIONS

- Diamond L., **Batan H.**, Anderson J., Palen, L.,'The Polyvocality of Online COVID-19 Vaccine Narratives that Invoke Medical Racism" 2022 Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2022) **Best Paper Honorable Mention**
- **Batan, H.**, Radpour, D., Kehlbacher, A., Klein-Seetharaman, J., Paul, M.J., (2021) Natural vs. Artificially Sweet Tweets: Characterizing Discussions of Non-nutritive Sweeteners on Twitter. In: Shaban-Nejad A., Michalowski M., Buckeridge D.L. (eds) Explainable AI in Healthcare and Medicine. Studies in Computational Intelligence, vol 914. Springer, Cham. https://doi.org/10.1007/978-3-030-53352-6_16300

POSTERS

- Diamond L., **Batan H.**, Anderson J., Palen, L.,'The Polyvocality of Online COVID-19 Vaccine Narratives that Invoke Medical Racism" 2022 Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2022) **Best Paper Honorable Mention**
- **Batan, H.**, Radpour, D., Kehlbacher, A., Klein-Seetharaman, J., Paul, M.J., (2021) Natural vs. Artificially Sweet Tweets: Characterizing Discussions of Non-nutritive Sweeteners on Twitter. In: Shaban-Nejad A., Michalowski M., Buckeridge D.L. (eds) Explainable AI in Healthcare and Medicine. Studies in Computational Intelligence, vol 914. Springer, Cham. https://doi.org/10.1007/978-3-030-53352-6_16300

RESEARCH EXPERIENCE

Research Assistant May 2021-December 2021

COVID-19 Vaccine Narratives that Invoke Medical Racism

· Conducted research performing qualitative inductive thematic analysis on tweets about the COVID-19 vaccine that invoke medical racism

Research Assistant May 2021-December 2021

Perception of Natural vs. Artificially Sweet Tweets

· Conducted various qualitative methods to analyze tweets to understand the public perception of artificial sweeteners and detect misinformation.

TEACHING EXPERIENCE

Instructor

INFO 1101: Computation in Society — Summer 2022

Graduate Teaching Assistant

INFO 1701: Programming for Information Science 1; Instructor: Jason Zietz — Spring 2023
INFO 1201: Computational Reasoning 1; Instructor Zietz, Carruth — Fall 2022
INFO 1201: Computational Reasoning 1; Instructor: Jason Zietz — Spring 2022
INFO 1101: Computation in Society; Instructor: Chris Carruth — Spring 2021
CMCI 1010: Concepts and Creativity; Instructor: Lecia Barker — Fall 2021
INFO 1201: Computational Reasoning 1; Instructor: Jason Zietz — Spring 2020

PROJECTS

Vaccine Disinformation in Reproductive Health January 2022 - Current

· Analyzed Twitter data using mixed-methods to explain the spread of mis- and disinformation concerning women's health after the COVID-19 vaccine

Vaccine Hesitancy January 2022 -Current

· Conducted over a dozen interviews with ex-hesitant and ex-anti-vax individuals to understand the role of information and online platforms in their acceptance of vaccines

Master's Project: Landscape of Twitter's Deception: Bots and Automation August 2020-May 2021

· Investigated the legal, technical, and business of bots on Twitter. Purchased bots to analyze the behaviors and features by collecting data using Twitter API.

Detecting Content Change in Text Data Fall 2019

· Created a web interface that displayed labeled documents with color coding according to the similarities between sentences.

RANTS, HONORS AND PROFESSIONAL FELLOWSHIPS

CRA-W Graduate Cohort for Women Workshop — April 2023

ACADEMIC SERVICES

Graduate Student Vice President, Information Science — 2022-2023
Graduate Student Association (GSA) International Representative — 2021-2022