Madelyn Zander

Department of Information Science
University of Colorado Boulder
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EDUCATION

Ph.D., University of Colorado Boulder (In progress)
Information Science
Advisors: Leysia Palen (INFO) and Alison Cool (ANTRHO)
Committee Members: Ken Anderson (CS) and Bryan Semaan (INFO)

B.A., University of Colorado Boulder (2018)
Anthropology

B.A., University of Colorado Boulder (2018)
Sociology

RESEARCH INTERESTS

Human-computer interaction (HCI); Science and Technology Studies (STS); Data law and policy; Energy security and environmental policy; Infrastructure; Telecommunications policy; Cultural Anthropology; Ethnography of information & communication technology

AWARDS

- Lead Graduate Teaching Fellowship: The Center for Teaching and Learning (2020-present)
- Certificate in Icelandic Language and Culture: Árni Magnússon Institute for Icelandic Studies (2020)
- Presidents Honor Roll: University of Colorado Boulder (2017-2018)
- Dean's List: University of Colorado Boulder (2017-2018)

PAPERS UNDER REVIEW

Zander, Madelyn and Leysia, Palen (submitted). Data in the Clouds and Heads in the Sand: Enabling a Sustainable Data Center Infrastructure, Submitted to the *ACM SIGCAS Conference on Computing and Sustainable Societies (COMPASS 2022)*.

PROFESSIONAL EMPLOYMENT

2018-2019   The Geological Society of America, Boulder CO
              Database Coordinator

RESEARCH PROJECTS AND EXPERIENCE

University of Colorado Boulder

Summer 2021:   *Ethnographic Study of the Data Center Industry*
               Department of Information Science

Summer 2020:   Research Assistant, Dr. Alison Cool
               Department of Anthropology

Fall 2020:   *Discourse Analysis of the Data Center Industry in an Icelandic Context*
               Department of Communication

Spring 2020:   *Independent Guided Study on Iceland*
               Department of Anthropology

Fall 2019:   *Data Mining: Latent Dirichlet Topic Modeling/Thematic analysis of data center industry stakeholder Tweets*
               Department of Information Science

Summer 2019:   Research Assistant, Dr. Lecia Barker
               Department of Information Science

Spring 2018:   *Ethnographic Analysis of Public Debate: "Massified Research and Associated Ethical Protocols"*
               Department of Anthropology

Spring 2018: Community Engagement—Violence Against Women and Girls
Ethnographic analysis of human sex trafficking in salon/parlor settings
Department of Sociology

Fall 2017: *Ethnography of Techno-scientific Culture Project with Google: Boulder, CO*
Department of Anthropology

Fall 2017: *Ethnography of Digital Culture Project on "LinkedIn's Effectiveness as a job board"*
Department of Anthropology

TALKS

Zander, M. (August 19, 2021). (University of Colorado Boulder Graduate Student Orientation).
What to Expect as a First-time Teaching Assistant. University of Colorado Boulder, Boulder, CO.
Zander, M. (August 17, 2021). (Department of Information Science Orientation).
What to Expect as a First-time Teaching Assistant. University of Colorado Boulder, Boulder, CO.

TEACHING

Instructor of Record

Computation in Society [INFO 1101]
Summer 2021, Undergraduate Course
University of Colorado Boulder
x

Teaching Assistant

Computation in Society [INFO 1101]
Chris Carruth (Spring 2020-Present)
Dr. Roshanna Sylvester (Spring/Fall 2020)
University of Colorado Boulder

CMCI Pathways to Excellence [Podcast Production]
Dr. Jared Browsh (Summer 2020)
University of Colorado Boulder

Understanding the World Through Data [INFO 1111]
Dr. Jed Brubaker (Fall 2019)
University of Colorado Boulder

Certifications

Certificate in College Teaching [In progress]
Center for Teaching and Learning
University of Colorado Boulder

DEPARTMENT, COLLEGE & CAMPUS SERVICE

- Department of Information Science Orientation, University of Colorado Boulder, Fall 2021
- Prospective Graduate Student Open House, University of Colorado Boulder, Spring 2020/2021
- Women in Computing: Student Mentor, University of Colorado Boulder, Spring 2020

PROFESSIONAL SERVICE ACTIVITIES

- Lead Graduate Teaching Fellow, University of Colorado Boulder, Spring 2020-present
- Tech Help Coach: Boulder Public Library, Boulder, CO, Fall 2019-present
- Girls on the Run Rockies Chapter: Spring 2018-present
- EagleMount, Bozeman, MT, 2015-2017
- Project C.U.R.E, Denver, CO, 2017-2019

PROFESSIONAL ASSOCIATIONS

- Association of Computing Machinery
- Society for Social Studies of Science

OTHER

- Montana State University Ski Team/Bridger Ski Foundation Elite Ski Team, Bozeman, MT, 2014-2017