

Wendy Norris

Nazareth College
Peckham Hall 214
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Curriculum Vitae

wendynorris.com
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Employment and affiliations

2020 - Nazareth College
Assistant Professor in Computer Science, Department of Mathematics
Affiliate Faculty, Institute for Technology, AI & Society

Education

2015 - 2020 Doctor of Philosophy, Information Science
University of Colorado, Boulder, CO, USA
Committee: Prof. Stephen Volda (chair), Prof. Leysia Palen, Prof. Brian Keegan,
Prof. Amy Volda (CU Boulder), and Dr. Katrina Petersen (Trilateral Research)

1981 - 1986 Bachelor of Arts, Psychology
University of South Florida, Tampa, FL, USA

Grants, honors, and professional fellowships

2020 *Outstanding Graduate Award*, Department of Information Science, University of Colorado Boulder

2018 *CRA-W Graduate Cohort for Women Workshop*, Computing Research Association, San Francisco, CA. April 13-14, 2018.

2018 *Beverly Sears Graduate Student Award*, University of Colorado Boulder. \$1,000
Project: Digital humanitarian participatory design workshop + study

2018 *Sterling Scholarship*, University of Colorado Boulder. \$1,750
Project: Computational refugee crisis study

2010 *Knight Fellowship*, Stanford University
Project: CrowdTrust – A crowdsourcing platform prototype

2010 *H.F. Guggenheim Fellowship*, City University of New York

2010 *Knight Digital Media Center Fellowship*, University of California Berkeley

2009 *Knight News Entrepreneur Fellowship*, University of Southern California, Annenberg School for Communication, Lloyd Greif Center for Entrepreneurial Studies and USC Marshall School of Business

Teaching

- Fall 2020 MTH 390 Data, AI and Society (hybrid course), Nazareth College
Fall 2020 CIS 340 Computer Programming (hybrid course), Nazareth College

Instructor of record and curricula developer (5.6/6 composite student evaluation score)

- Summer 2020 INFO 1101 Computation and Society (a/synchronous online course), CU Boulder
2019 Python for Text Analysis: Introduction to humanities + social science programming (self-paced, online course), CU Boulder
Summer 2017 + 2018 INFO 1201 Computational Reasoning 1: Expression + Media Transformation, CU Boulder

Teaching Assistant

- Fall 2017 INFO 1201 Computational Reasoning 1: Expression + Media Transformation
Spring 2017 (lead teaching assistant 2017-2018), CU Boulder
Fall 2016 JRNL 5001 Media Technology Bootcamp, CU Boulder
Spring 2016 INFO 1020 Concepts + Creativity: Information Science, CU Boulder
Fall 2015 JRNL 5001 Media Technology Bootcamp, CU Boulder
Fall 2015 JRNL 2001 Fundamentals of Reporting, CU Boulder

Certificates

- 2020 Certificate in College Teaching, CU Boulder
2020 Future Faculty Development Certificate, CU Boulder
2020 Digital Humanities Theory, Practice and Teaching Graduate Certificate, Center for Research Data and Digital Scholarship, CU Boulder

Research interests

Human-computer interaction, computer-supported cooperative work, socially intelligent computing, human-centered design, crisis informatics, digital humanities

Research assistantships and fellowships

- 2019 *Senior Research Fellow*, Trilateral Research
Project: Ethical impact assessment and responsible research design framework for IN-PREP, a situational awareness/decision support preparedness training platform for complex, large-scale transborder disasters in European Union member states.
- 2019 *Provost's Fellowship for the Libraries*, University of Colorado Boulder
Project: Produced series of asynchronous instructional videos on data science and computational research techniques in collaboration with the Center for Research Data and Digital Scholarship.
- 2018 - *Project EPIC (Empowering People in Crisis)*, Departments of Information Science and Computer Science, University of Colorado Boulder. Prof. Leysia Palen
- 2017 *Center for Environmental Journalism*, University of Colorado Boulder.
- 2016 - *Too Much Information (TMI) Lab*, Department of Information Science, University of Colorado Boulder. Prof. Stephen Volda

Refereed, archival conference proceedings

- 2019 **Norris, W.**, Volda, A., Palen, L., and Volda, S. "‘Is the Time Right Now?’ Reconciling Sociotemporal Disorder in Distributed Team Work." In *Proceedings of the ACM Human-Computer Interaction* (CSCW 2019, Austin, TX, USA, November 11-13, 2019). <https://doi.org/10.1145/3359200> [24% acceptance rate] Link: <http://bit.ly/2Qf0ofp>

Peer-reviewed journal publications

- 2017 **Norris, W.** "Digital Humanitarians: Citizen journalists on the virtual front line of natural and human-caused disasters." *Journalism Practice* 11(2-3), 213-228. <http://doi.org/10.1080/17512786.2016.1228471>

Refereed, non-archival conference workshops and poster presentations

- 2019 **Norris, W.**, "Humanitarian HCI." Poster presentation at HCIC, Pajaro Dunes, CA. June 25, 2019
- 2019 **Norris, W.**, Volda, S., Palen, L., and Anderson, K.M. "Unwinding Pluritemporal Time in Digital Humanitarian Crowdsourcing." *CHI 2019 Workshop on the Future of Work*. Glasgow, UK, May 5, 2019. Link: <http://bit.ly/2tjSPLy>

- 2017 **Norris, W.** and Volda, S. “Temporality in Crisis Informatics: Representations of time in digital humanitarian systems.” *CHI 2017 Symposium on HCI Across Borders*, Denver, CO, USA, May 6-7, 2017. Link: <http://bit.ly/2tjYGjR>
- 2017 **Norris, W.** and Volda, S. “Temporality in Crisis Informatics: Representations and integrations of time in humanitarian crowd work.” *Grand Challenges for HCI Crisis Informatics Researchers Workshop*, Boulder, CO, USA. May 6, 2017 Link: <http://bit.ly/39zdnjU>
- 2017 **Norris, W.** and Volda, S. “Models and Metaphors of Temporality: Supporting Individual- and Group-Based Time-Management and Coordination Work.” *CSCW 2017 workshop: Theory transfers? Social theory & CSCW research*, Portland, OR, USA. February 26, 2017. Link: <http://bit.ly/37voh8u>

Book chapter

- 2019 **Norris, W.** “Digital Humanitarians: Citizen journalists on the virtual front line of natural and human-caused disasters.” In *Mapping Citizen and Participatory Journalism: In newsrooms, classrooms and beyond*, Melissa Wall (Ed.), London: Routledge. Link: <http://bit.ly/2F7ZGud>

CU Boulder Invited talks and panel discussions

- 2019 “Creative El Diario: An analysis of creative writing and artwork featured in ‘El Diario de la Gente,’” Invited talk at the *Center for Research Data & Digital Scholarship*
- 2019 “Social Media, Global News, and Humanitarian Crises,” Invited lecture to *JRNL 3651: Media Law & Ethics*
- 2019 “The Promise and Peril of Sentiment Analysis in Humanitarian Research,” Invited talk at the *Center for Research Data & Digital Scholarship*
- 2017 - 2018 “Digital Humanitarian Crisis Informatics Simulation,” Invited lecture *INFO 2131: Information Ecosystems* and *INFO 3501 Special Topics: Open Collaboration*
- 2016 “Computational Journalism: Data + Storytelling,” Invited lecture *JRNL 5001: Media Technology Bootcamp*
- 2016 “Crowdsourcing + Data Verification,” Invited lecture *JRNL 4501: Reporting 3*. (Spring 2016; Fall 2016)
- 2015 “Crowdsourcing + Data Visualization,” Invited lecture *JRNL 5001: Media Technology Bootcamp*

2015 Invited professional participant on faculty panel discussion “Advocacy Journalism: Boundaries or Possibilities,” *College of Media, Communication & Information*

White papers and technical reports

2019 **W. Norris**, *Technology, Practice, and Design: A new future for digital humanitarian work. A white paper for The Standby Task Force*. Boulder, CO

2019 K. Petersen and **W. Norris**, *User Needs and Ethical, Legal and Human Factors in System Development*. Trilateral Research: London, UK

Works in progress

2020 Empirical paper on distributed temporal coordination in HCI (in review)

2020 Computational social science paper on refugee humanitarian crisis

2020 Empirical and methods papers on remote participatory design in HCI

2021 Theoretical paper on discord in sociotechnical system design

Academic service

2017 - 2018 *Lead Teaching Assistant*, Department of Information Science, University of Colorado Boulder

Department projects: 1) Information Science PhD student onboarding plan and 2) Implicit bias workshop for department student and faculty.

University-wide capstone project: Interdisciplinary activity-based classroom evaluation tool for teaching assistants and graduate student instructors.

2017 *Student Volunteer*, ACM/Computer-Human Interaction Conference (CHI)

2016 - *Reviewer*, ACM/Special Interest Group Computer-Human Interaction (CHI) and ACM/Computer-Supported Cooperative Work (CSCW)

2016 *CMCI Faculty Search Committee*, University of Colorado Boulder

2016 *CMCI Graduate Student Orientation Coordinator*, University of Colorado Boulder

2016 *Google News Lab Partnership Committee*, University of Colorado Boulder

2015 - 2016 *Graduate Student Workspace Committee*, University of Colorado Boulder

Community service

- 2015 - *The Standby Task Force, Worldwide*
Deployment coordinator for international non-governmental organization that collects, curates, and analyzes humanitarian crisis data for global emergency response, including UN OCHA, WHO, US FEMA, Doctors without Borders, etc.
- 2019 *Public Safety Citizens Academy, Longmont, CO, USA*
Ten-week course in municipal public safety, community policing, cybersecurity law enforcement, fire protection, crime scene evidence, and dispatch operations

Professional experience

- 2015 *ICT Volunteer, Peace Corps Response, Port Vila, Republic of Vanuatu*
Worked with in-country staff of Vanuatu Ministry of Justice to assist with technical design/deployment of website, survey, and database; led human-centered design training; field testing of women's leadership survey on remote islands
- 2013 - *Reviewer, Uutisraivaaja Media Innovation Contest, Helsinki, Finland*
250.000€ media startup competition first stage reviewer
- 2012 *Data Journalism Instructor, MyNews.AM, Yerevan, Armenia*
USAID-funded position teaching investigative reporting, crowdsourcing, and data journalism techniques
- 2011 - 2015 *CEO + Founder, Tekhne, Denver, CO, USA*
Technology consulting firm specializing in product development, software project management, user experience, and data management for social good
- 2006 - 2014 *Various local/state/national investigative news and editorial positions, USA*
Positions held include: Editor, Managing Editor and Journalist for national news network; weekly political columnist
- 1985 - 2006 *Various education/healthcare nonprofit + philanthropic organizations, USA*
Positions held include: Administrator with \$50M portfolio of federal HHS and pass-through grants; Vice President of Communications for \$75M foundation

Technical skills

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| Programming | Python, PHP |
| Data analysis | Pandas, NLTK, Mallet, Cytoscape, Matplotlib, Gephi, MAXQDA, SPSS |
| Database | MySQL, Microsoft Access |
| Mapping | ArcGIS, OpenStreetMap |
| Web development | HTML/CSS, WordPress, Drupal, Joomla |

Languages

English (Native)

Bislama (Intermediate)

French (Basic)

Media coverage

2018 Are, Carolina. Q&A on Digital Humanitarians with Researcher Wendy Norris. *Humanitarian Research News Network*, published by the City, University of London. <https://blogs.city.ac.uk/humnews/2018/04/03/qa-on-digital-humanitarians-with-researcher-wendy-norris/>

Research affiliations

Association for Computing Machinery (ACM)

ACM Special Interest Group for Computer-Human Interaction (SIGCHI)