

# Faculty profile

## Chau Tong

### Expertise areas

- Social media
- Search engines
- Communication technology
- Political communication
- Health communication

### Possible collaboration disciplines

- College of Arts and Science
- NextGen Precision Health
- Sinclair School of Nursing
- School of Information, Science & Learning Technologies
- Trulaske College of Business



**Dr. Chau Tong** is an Assistant Professor in the School of Journalism and the MU Institute for Data Science and Informatics at the University of Missouri. She received her Ph.D. in Mass Communications from the University of Wisconsin-Madison, and postdoctoral training at Cornell University. Her research centers on the use of machine learning, natural language processing, crowdsourcing and digital trace analyses to detect and tackle different forms of information and communication discrepancies created by digital technology, particularly in the two domains of health and politics.

With expertise in digital mis- and disinformation, Dr. Tong's consulting portfolio includes work for the Credibility Coalition, a community-led collaboration focused on building solutions to online trust, verification, fact checking; and the Protection Group International, a global digital risk management consultancy which specializes in digital investigations and open source intelligence, cyber security, information governance and capacity building.

She is also a standing member of the International Communication Association Computational Methods Division's Diversity, Equity and Inclusion Task Force and the Software Carpentries Initiative — a global community teaching foundational computational and data science skills to researchers in academia, industry and government.

### Current research

At Mizzou, Dr. Chau Tong is launching the "Computational Communication & Technology Lab", which uses interdisciplinary insights and data science approaches to examine research questions related to digital information ecosystems, algorithmic recommendations, and social outcomes.



*Learn more about Chau  
on the J-School website*



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