

## ACADEMIC POSITIONS

2021 - now Assistant Professor of Information Systems, McGill University

## EDUCATION

- 2021 Ph.D. in Information Systems, Boston University
- 2015 M.A. in Economics, Indiana University
- 2013 B.A. in Economics, Peking University
- 2011 B.S. in Computer Science, Beijing Language and Culture University

## EXPERIENCE

- 2019 - 2020 Academic Consultant, Alibaba Group
  - Design and conduct field experiments to test intellectual property policies for a massive scale online e-commerce platform
- 2011 - 2013 Research Associate, Language and Artificial Intelligence Lab - BLCU
  - Work on symbolic approach to Artificial Intelligence

## SKILLS

### Methodology:

Econometrics, Causal Inference, Machine Learning and Deep Learning, Text Mining

### Programming:

- Primary: Python, R, and SQL
- Secondary: Stata, Java, Matlab, C/C++

### Other Tools:

Cluster Computing, Hadoop, MySQL, BigQuery

## PAPERS

### PUBLICATIONS

Kai Zhu, Dylan Walker, and Lev Muchnik (2020) "Content Growth and Attention Contagion in Information Networks: Addressing Information Poverty on Wikipedia," *Information Systems Research*, 31(2): 491-509.

- Conference Presentations: *WWW 2017, CODE 2017, WISE 2017, SCECR 2018, HBS 2018, WEBEIS 2019, Wikiworkshop 2020*

### WORKING PAPER

Should We Worry about a Platform-governed Society?

- *with Marshall Van Alstyne, Dylan Walker*

If a Tree Falls in the Forest: COVID-19, Media Choices, and Presidential Agenda Setting

- *with Masha Krupenkin, Dylan Walker, David Rothschild*
- Conference Presentations: *ICWSM 2020, PaCSS 2020*

A Warped Mirror: Skewed Coverage of Gun Violence in Mass Media

- *with Dylan Walker*
- Conference Presentations: *BU Social Impact 2019, SCECR 2020*

How Media Ownership Impacts Information Skews: A Study of Televised News Using Massive-Scale Text Transcripts

- *with Dylan Walker*
- Conference Presentations: *PaCSS 2018, SCECR 2019, WISE 2019*

### WORK IN PROGRESS

Negative Peer Feedback in Online Communities: The Role of Downvote for User Generated Content

- *with Warut Khern-Am-Nual and Yinan Yu*

Platform Monetization and Innovation Inequity: a Natural Experiment on Goodreads

- *with Qiaoni Shi*

Combating Health-Related Misinformation on Social Media: A Randomized Experiment

- *with Dylan Walker*

### Early Publications on Symbolic Approach to Artificial Intelligence

Attribute Reduction Approaches for General Relation Decision Systems (2015), Guilong Liu, Ling Li, Jitao Yang, Yanbin Feng, Kai Zhu, *Pattern Recognition Letters* 65, 81-87

The Relationship among Three Types of Rough Approximation Pairs (2014), Guilong Liu, Kai Zhu, *Knowledge-Based Systems* 60, 28-34

## TEACHING

- Instructor** Introduction to Information Systems
- *Instructor rating: Mean - 4.5 out of 5, Median - 5 out of 5*
- Instructor** Data Mining for Business Analytics
- *Spring 2021*
- Other** Python and Neural Networks
- *Contribute to course development*

## SERVICE

### Reviewer

Journal:

- Management Science, MIS Quarterly

Conference:

- Conference of Information Systems and Technology (CIST: 2017, 2018, 2019, 2020)
- International Conference of Information System (ICIS: 2018, 2019, 2020)
- Workshop of Social Influence (SI: 2018)