

KOLINA KOLTAI

PhD Candidate

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EDUCATION

- 2020 (Expected) Ph.D., Information Studies, School of Information
The University of Texas at Austin
Dissertation title: Human Values and Scientific Controversies: Studying Vaccine Attitudes on Social Networking Sites
Dissertation Advisor: Dr. Kenneth R. Fleischmann
Committee: Dr. Yan Zhang, Dr. Amelia Acker, Dr. Eric Meyer, Dr. Talia Stroud (Communication)
Qualifying Procedure Completed: May 17, 2018
Dissertation Proposal Defended: April 16, 2019
Dissertation Defense Expected: April 2020
- 2012 B.A., Psychology & Asian American Studies, Minor: Human Sexuality
California State University, Northridge
Cum Laude

PEER REVIEWED JOURNAL ARTICLES

- Ma, D., **Koltai, K.**, McManus, R. Y., Bernhardt, A., Correll, J., & Wittenbrink, B. (2018). Race Signaling Features: Identifying Markers of Racial Prototypicality among Asians, Blacks, Latinos, and Whites. *Social Cognition, 36*, 603-625. doi: 10.1521/soco.2018.36.6.603
- Xie, B., Berkley, A., Kwak, J., Fleischmann, K. R., Champion, J., & **Koltai, K.** (2018). End-of-Life Decision Making by Family Caregivers of Persons with Advanced Dementia: A Literature Review of Decision Aids. *SAGE Open Medicine, 6*, 1-9. doi: 10.1177/2050312118777517
- Koltai, K.**, Walsh, C., Jones, B., & Berkelaar, B. L. (2018). Applying Social Network Analysis to Help Identify the Social Support Needs of Adolescent and Young Adult Cancer Patients and Survivors. *Journal of Adolescent and Young Adult Oncology, 7*, 181-186. doi: 10.1089/jayao.2017.0058
- Lyons, J. B., Ho, Nhut, H. T., **Koltai, K.**, Masequesmay, G., Skoog, M., Cacanindin, A., & Johnson, W. (2016). A Trust-Based Analysis of an Air Force Collision Avoidance System: Test Pilots. *Ergonomics in Design: The Quarterly of Human Factors Applications, 24*(1), 9-12. doi:10.1177/1064804615611274 **Best Paper Award**
- Lyons, J., **Koltai, K.**, Ho, N., Johnson, W., Smith, D., & Shively, J. (2016). Engineering Trust in Complex Automated Systems. *Ergonomics in Design: The Quarterly of Human Factors Applications, 24*(1), 13-17. doi:10.1177/1064804615611274

REFERRED CONFERENCE PROCEEDINGS

- Verma, N., Fleischmann, K. R., & **Koltai, K.** (2019). Understanding Online Trust and Information Behavior Using Demographics and Human Values. In Taylor N., Christian-Lamb C., Martin M., Nardi B. (Eds),

Information in Contemporary Society. iConference 2019. Lecture Notes in Computer Science (pp. 654-665). Washington, DC. doi: 10.1007/978-3-030-15742-5_62

Verma, N., Fleischmann, K. R., & **Koltai, K.** (2018). Demographic Factors and Trust in Different News Sources. In *Proceedings of the 81st Annual Meeting of the Association for Information Science and Technology*, Vancouver, Canada (pp. 524-533). doi: 10.1002/pr2.2018.14505501057

Koltai, K. & Fleischmann, K. R. (2017). Questioning Science with Science: The Evolution of the Vaccine Safety Movement. In *Proceedings of the 80th Annual Meeting of the Association for Information Science and Technology*, Washington, DC (pp. 232-240). doi: 10.1002/pr2.2017.14505401026

Verma, N., Fleischman, K. R., & **Koltai, K.** (2017). Humans Values and Trust in Scientific Journals, Mainstream News, and Fake News. In *Proceedings of the 80th Annual Meeting of the Association for Information Science and Technology*, Washington, DC (pp. 426-435). doi: 10.1002/pr2.2017.14505401046

Lyons, J., Sadler, G., **Koltai, K.**, Battiste, H., Ho, N., Hoffman, L. C., Smith, D., Johnson, W., & Shively, R. (2016). Shaping trust through transparent design: Theoretical and experimental guidelines. In P. Savage-Knepshield & J. Chen (Eds.), *Advances in Human Factors in Robots and Unmanned Systems, Proceedings of the AHFE 2016 International Conference on Human Factors in Robots and Unmanned Systems* (pp. 127-136). Orlando, FL. doi: 10.1007/978-3-319-41959-6_11

Dao, Q., **Koltai, K.**, Cals, S., Brandt, S., Lachter, J., Matessa, M., Smith, D., Battiste, V., & Johnson, W. (2015). Evaluation of a recommender system for single pilot operations. In T. Ahram, W. Karwowski, & D. Schmorow (Eds.), *Procedia Manufacturing: Vol. 3. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences* (pp. 3070-3077). doi:10.1016/j.promfg.2015.07.853

Koltai, K., Ho, N., Masequesmay, G., Niedober, D., Skoog, M., Cacanindin, A., Johnson, W., & Lyons, J. (2014). Influence of Cultural, Organizational, and Automation Capability on Human Automation Trust: A Case Study of Auto-GCAS Experimental Test Pilots. *International Conference on Human Computer Interaction in Aerospace* (pp. 1-10). San Jose, CA.

Niedober, D., Ho, N., **Koltai, K.**, Masequesmay, G., Skoog, M., Cacanindin, A., Johnson, W., & Lyons, J. (2014). Influence of Cultural, Organizational, and Automation Capability Factors on Human-Automation Trust: A Case Study of Auto-GCAS Engineers and Developmental History. In Kuosu, M. (Eds.) *Human-Computer Interaction: Application and Services: Vol. 8512. 16th International Conference on Human Computer Interaction* (pp. 473-484). doi:10.1007/978-3-319-07227-2_45

Koltai, K., Ho, N., Masequesmay, G., Niedober, D., Skoog, M., Johnson, W., Cacanindin, A., & Lyons, J. (2014). An Extended Case Study Methodology for Investigating Influence of Cultural, Organizational, and Automation Factors on Human-Automation Trust. In Jones, M., Palanque, P., Schmidt, A., & Grossman, T. (Eds.) *CHI '14 Extended Abstracts on Human Factors in Computing Systems. Association of Computing Machinery Conference on Human Factors in Computing Systems (CHI)* (pp. 885-888). doi: 10.1145/2559206.2559974

REFEREED CONFERENCE PRESENTATIONS (NO PROCEEDINGS)

Koltai, K. (2020). *Working with the Anti-vaccine community*. To be presented at Science Talk 2020, Portland, OR.

Ho, N., **Koltai, K.**, Masequesmay, G., Cals, S., Sadler, G., Lyons, J., Cacanindin, A., Johnson, W., Skoog, M. (2015). *An Ethnographic-Based Model for Trust Development in Auto-GCAS*. Presented at the American Psychological Association Annual Convention, Toronto, Canada.

Johnson, W., Ho, N., **Koltai, K.**, Lyons, J., & Shively, J. (2015). *Transparency in an Automated Recommender System for Emergency Landings*. Presented at the American Psychological Association Annual Convention, Toronto, Canada.

REFERRED WORKSHOP PAPERS

Koltai, K., Flores-Saviaga, C., & Rim, M. (2019). *Ethical Concerns for the Future of Face Recognition Technology and Policy*. Paper presented at the Good Systems: Ethical AI for CSCW Workshop, 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing, Austin, TX.

Chang, Y. & **Koltai, K.** (2019). *Online Health Communities and AI: Promise and Concerns*. Paper presented at the Good Systems: Ethical AI for CSCW Workshop, 22nd ACM Conference on Computer-Supported Cooperative Work and Social Computing, Austin, TX.

Koltai, K. (2019). *The Vaccine-Opposed Movement Online: Representation of Alternative Scientific Beliefs*. Paper presented at the Social Science Research Council's Race, Gender, and Toxicity Online Research Workshop, Austin, TX.

Verma, N., Fleischmann, K. R., & **Koltai, K. S.** (2018). *Understanding the Information Experience of Fake News*. Paper presented at the SIG-USE Research Symposium on the Social Informatics of Knowledge, Annual Meeting of the Association for Information Science and Technology, Vancouver, CA.

Fleischmann, K. R., **Koltai, K. S.**, & Verma, N. (2017). *Entitled to your own facts: The social informatics of knowledge in the era of fake news*. Paper presented at the SIG-SI Research Symposium on the Social Informatics of Knowledge, Annual Meeting of the Association for Information Science and Technology, Crystal City, VA.

REFEREED CONFERENCE POSTERS (IN PROCEEDINGS)

Fleischmann, K. R., Xie, B., Champion, J. D., Kwak, J., & **Koltai, K.** (2018, October). *Human values and end-of-life decision making: Results from a pilot study of dementia caregivers*. Poster presented at the 2018 82nd Annual Meeting of the Association for Information Science and Technology, Vancouver, Canada, (pp. 801-802). doi: 10.1002/pras.2018.14505501123

CONFERENCE POSTERS (NO PROCEEDINGS)

Koltai, K. (2019, November). *Anti-vax or vaccine safety advocate: Value systems of vaccine dissent*. Poster presented at the 3rd Annual Graduate Research Showcase, Austin, TX.

Koltai, K. & Fleischmann, K. R. (2018, February). *Questioning Science with Science: The Evolution of the Vaccine Safety Movement*. Poster presented at the 2018 St. David's CHPR Conference, Austin, TX. **Graduate Student Poster Award Winner**

Revels, M., Escobedo, P., Follitt, R., **Koltai, K.**, Rees, H., & Ma, D. (2014, February). *The Relationship Between Sexism and Objectification of Sexualized Male and Female Targets*. Poster presented at the 15th Annual Convention of the Society of Personality and Social Psychology, Austin, TX.

TECHNICAL REPORTS

Lyons, J. B., Ho, N. T., Masequesmay, G., **Koltai, K.**, Johnson, W. W., Skoog, M., & Cacanindin, A. (2015). Trust-based analysis of an Air Force Collision Avoidance System (AFRL-RH-WP-TP-2015-0030). Retrieved from the Defense Technical Information Center: <https://apps.dtic.mil/dtic/tr/fulltext/u2/a631871.pdf>

Ho, N., **Koltai, K.**, & Johnson, W. W. (2014). *An experimental study of the effect of transparency on pilot trust in the emergency landing planner* (FA8650-04-D-6405). Retrieved from the National Aeronautical and Space Administration website: <https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/20190000234.pdf>

MEDIA

Koltai, K. (2017, September 11). *They Blinded Me with Science*. Austin, TX: KVRX.

FELLOWSHIPS, PRIZES, AND AWARDS

Spring 2019	Dissertation Writing Fellowship , The University of Texas at Austin (\$12,500)
Fall 2019	Professional Development Award , The University of Texas at Austin (\$500)
Fall 2018	Doctoral Colloquium Fellow , Title: Human values and their role in decision making and information assessment in the vaccine debate, Association of Information Science and Technology Annual Conference (\$315)
Fall 2018	Professional Development Award , The University of Texas at Austin (\$500)
2018 – 2019	University Graduate Continuing Fellowship , The University of Texas at Austin (\$40,000)
Summer 2018	Graduate School Summer Fellowship , The University of Texas at Austin (\$8,953)
Spring 2018	Graduate Student Poster Award (Runner up) , St. David's CHPR Conference (\$150)
2017 – 2018	William and Margaret Kilgarlin Endowed Scholarship , The University of Texas at Austin (\$1,500)
Fall 2017	Best Article of the Year in Ergonomics in Design , 2016 for "A Trust-Based Analysis of an Air Force Collision Avoidance System: Test Pilots"
Fall 2017	Professional Development Award , The University of Texas at Austin (\$500)

- 2017 – 2018 **Benonine Muse Scholarship**, The University of Texas at Austin (\$1,000)
- Fall 2016 **Vara Martin Daniel Regents Professorship in Libraries, Archives, and Information Studies Fellowship**, The University of Texas at Austin (\$12,489)
- 2015 – 2016 & 2016 – 2017 **Dr. Lee-hsai Hsu Ting Endowed Graduate Fellowship**, The University of Texas at Austin (\$2,500) & (\$2,500)
- 2013 – 2014 **Minority Biomedical Research Support – Research Initiative for Scientific Enhancement (MBRS-RISE) Fellowship**, California State University Northridge (\$16,500)
- Fall 2013 **Graduate Equity Fellowship**, California State University Northridge (\$1,000)
- Fall 2013 **Society of Personality and Social Psychology (SPSP) Graduate Travel Award**, SPSP (\$500)

GRANTS

- 2016 – Co-authored NSF Proposal: STS Program, Proposal ID: 1656228, PI: Dr. Kenneth R. Fleischmann (Not Funded)
- 2015 – Co-authored U.S. Department of Defense, Air Force Research Laboratory Grant, Grant No. FA8650-09-D-6939, PI: Dr. Nhut Ho (Funded)

INVITED DOCTORAL CONSORTIA & RESEARCH INSTITUTES

- Summer 2019 **Oxford Internet Institute (OII) Summer Doctoral Programme**, University of Oxford
- Summer 2019 **Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute**, Rutgers University
- Spring 2019 **Digital Media Research Center (DMRC) Doctoral Summer School Program**, Queensland University of Technology
- Fall 2018 **ASIS&T Doctoral Colloquium**, Annual ASIS&T Meeting 2018

INVITED TALKS, LECTURES, PANELS, AND PRESENTATIONS

- Summer 2019 “Human Values and Scientific Controversies: Studying Vaccine Attitudes on Social Networking Sites” - Oxford Internet Institute (OII) Summer Doctoral Programme, University of Oxford
- Spring 2018 “To PhD or Not PhD” [Panel] – The University of Texas at Austin, School of Information
- Fall 2017 “PhD Program Information Session” [Panel] – The University of Texas at Austin, School of Information

Summer 2017 “Interpreting Information and Decision Making” – Slack, Inc.

RESEARCH POSITIONS AND APPOINTMENTS

Industry

Summer 2017 **Slack, Inc.**, User Research Intern – San Francisco, CA

Summer 2016 **Earnest, Inc.**, User Research Intern– San Francisco, CA

January 2014 – June 2015 **National Aeronautics and Space Administration (NASA) Ames Research Center (ARC)**, Flight Deck Display Research Laboratory, Human Systems Integration Division – Sponsored through San Jose State University – Supported through Human Automated Teaming Systems and Air Force Research Laboratory, Research Associate – Moffett Field, CA

Academia

Spring 2017 **Graduate Research Assistant**, The University of Texas at Austin, School of Nursing (under Dr. Bo Xie)

Fall 2016 **Graduate Research Assistant**, The University of Texas at Austin, School of Information (under Dr. Kenneth R. Fleischmann)

Summer 2012 - Fall 2013 **Research Assistant**, California State University Northridge, Systems Engineering Research Laboratory (under Dr. Nhut Ho)

Summer 2012 - Fall 2013 **Research Assistant**, California State University Northridge, Stereotype and Intergroup Prejudice Laboratory (under Dr. Debbie Ma)

TEACHING EXPERIENCE

Fall 2019 **Assistant Instructor (Instructor of Record)**, The University of Texas at Austin
INF 303D: Academic Success in the Digital University

Fall 2018 **Guest Lecturer**, The University of Texas at Austin
INF 384H: Concepts of Information Retrieval

Summer 2018 **PhD Teaching Fellow**, iSchool Inclusion Institute (i3), University of Pittsburgh
Research Methods

Spring 2018 **Assistant Instructor (Instructor of Record)**, The University of Texas at Austin
INF 303D: Academic Success in the Digital University

- Spring 2018 & Fall 2018 **Guest Lecturer**, The University of Texas at Austin
INF 385T: Introduction to Machine Learning
- Fall 2017 **Graduate Teaching Assistant**, The University of Texas at Austin
INF 385T: Data Wrangling
INF 388L: Professional Experience and Project
INF 380E: Perspectives on Information
INF 380C: Information in Social and Cultural Context (2 sections)
- Fall 2016 **Graduate Teaching Assistant**, The University of Texas at Austin
INF 385T: Access & Care of Indigenous Cultural Knowledge
INF 382D: Introduction to Information Resources and Services
- Spring 2016 **Graduate Teaching Assistant**, The University of Texas at Austin
INF 384D: Collection Management
INF 389J: Appraisal and Selection of Records
INF 383H: Introduction to Digital Humanities
INF 393C.11: Treatment Techniques for Bound Materials
- Fall 2015 **Graduate Teaching Assistant**, The University of Texas at Austin
INF 387C: Managing Information Organizations
INF 385T: Photographic Materials in Cultural Heritage Institutions
INF 392E: Materials in Libraries, Archives, and Museums
INF 385T: Information Modeling

ACADEMIC SERVICE

Reviewer

- 2019 iConference 2020
- 2019 ASIS&T SIG - Social Informatics 15th Annual Social Informatics Research Symposium & Best Paper
- 2018 iConference 2019

Committees

- 2019 – 2020 Co-Chair Elect, ASIS&T SIG - Social Informatics
- 2019 – 2020 Webmaster, ASIS&T SIG – Social Media
- 2018 – 2019 Program Committee Member, ASIS&T SIG - Social Informatics
- 2018 – 2019 Communications Chair, ASIS&T SIG - Social Informatics

University Committees

- 2017 – 2019 Doctoral Studies Committee Member, The University of Texas at Austin
- 2015 – 2018 iSchool Doctoral Student Association (iDSA) Coordinator, The University of Texas at Austin