

KOLINA KOLTAI

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EDUCATION

- 2020 Ph.D., Information Studies, School of Information
The University of Texas at Austin
- 2012 B.A., Psychology & Asian American Studies, Minor: Human Sexuality
California State University, Northridge – Cum Laude

CURRENT APPOINTMENT

- 2020 - Present **Postdoctoral Scholar**, University of Washington, Center for an Informed Public

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

- Koltai, K.** (2020). Vaccine information seeking and sharing: How private Facebook groups contributed to the Anti-vaccine movement online. Paper presented at AoIR 2020: The 21st Annual Conference of the Association of Internet Researchers. Dublin, Ireland: AoIR. Retrieved from <http://spir.aoir.org>
- 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/pra2.2018.14505501057
- 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/pra2.2017.14505401026
- 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/pra2.2017.14505401046
- 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*. Science Talk 2020, Portland, OR. [POSTPONED DUE TO COVID-19]

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

Simons, R. N. & **Koltai, K.** (2020). *Best practices of collaborative course development: Lessons learned by design*. Paper presented at Public Interest Technology University Network (PIT-UN) Conference on Undergraduate Informatics Education, Austin, TX.

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/pra2.2018.14505501123

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>

SELECTED MEDIA APPEARANCE AND PUBLIC RELATIONS

Peterson, A. H. (2020, May 2). This doctor is suggesting COVID-19 lockdowns are a conspiracy to take away your freedom. *Buzzfeed News*. Retrieved from <https://www.buzzfeednews.com/article/annehelenpetersen/annie-bukacek-montana-coronavirus-covid-lockdown-protests>

Zadrozny, B. (2020, February 21). She wanted a 'freebirth' with no doctors. Online groups convinced her it would be ok. *NBC News*. Retrieved from <https://www.nbcnews.com/news/us-news/she-wanted-freebirth-no-doctors-online-groups-convinced-her-it-n1140096>

Koltai, K. (2020, February 10). Interview with Lynn Smith. *CNN Headline News – On the Story* [Television broadcast]. New York: Cable News Network.

Zadronzny, B. (2020, February 6). On Facebook, anti-vaxxers urged a mom not to give her son Tamiflu. He later died. *NBC News*, Retrieved from <https://www.nbcnews.com/tech/social-media/facebook-anti-vaxxers-pushed-mom-not-give-her-son-tamiflu-n1131936>

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

INVITED TALKS, LECTURES, PANELS, AND PRESENTATIONS

Greyson, D., Polonijo, A., **Koltai, K.** & Carpiano, R. (2020, October). *Manufacturing policies to improve vaccination: Are mandates the way forward?* Panel to be presented at the Interdisciplinary Association for Population Health Research conference, Minneapolis, MN.

Koltai, K. (2019, July). Human Values and Scientific Controversies: Studying Vaccine Attitudes on Social Networking Sites. Presented at the Oxford Internet Institute Summer Doctoral Programme, University of Oxford

Koltai, K. (2017, July). Interpreting Information and Decision Making. Presented at Slack, Inc., San Francisco, CA

FELLOWSHIPS, PRIZES, AND AWARDS

- Spring 2019 **Dissertation Writing Fellowship**, The University of Texas at Austin (\$12,500)
- Fall 2017, 18, 19 **Professional Development Award**, The University of Texas at Austin (\$500)
- Fall 2018 **Doctoral Colloquium Fellow**, Association of Information Science and Technology Annual Conference (\$315)
- 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"
- 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 – 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 2020 **Summer School on Designing Technology for Social Impact**, Cornell University
[POSTPONED DUE TO COVID-19]
- 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

PRIOR RESEARCH POSITIONS AND APPOINTMENTS

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)

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

TEACHING EXPERIENCE

- Fall 2019 &
Spring 2018 **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 &
Fall 2018 **Guest Lecturer**, The University of Texas at Austin
NF 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

SERVICE

Reviewer Telematics and Informatics Journal
Aslib Journal of Information Management
iConference
ASIS&T annual conference
ASIS&T SIG - Social Informatics Annual Social Informatics Research Symposium

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