

CURRICULUM VITAE (BRIEF)

Jessie Chin

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I. PERSONAL HISTORY AND PROFESSIONAL EXPERIENCE

Educational Background

National Taiwan University, B.S., Psychology, Jun 2006
University of Illinois at Urbana-Champaign, M.S., Human Factors, Dec 2009
University of Illinois at Urbana-Champaign, Ph.D., Educational Psychology (Cognitive Sciences in Teaching and Learning), May 2016

Academic Positions

Jan 2016 – Jul 2017, Postdoctoral Research Fellow, Department of Systems Design Engineering, University of Waterloo, in Ontario, Canada.
Aug 2017 – Aug 2019, Research Assistant Professor, Department of Biomedical and Health Information Sciences, College of Applied Health Sciences, University of Illinois at Chicago.
Jan 2018 – Aug 2019, Honors College Faculty Fellow (0%), University of Illinois at Chicago.
May 2018 – Aug 2019, Research Associate (0%), Cancer Center (Cancer Prevention & Control Division), University of Illinois at Chicago.
May 2019 – Aug 2019, Adjunct Assistant Professor (0%), School of Information Sciences, University of Illinois at Urbana-Champaign.
May 2019 – Present, Associate Member (0%), Cancer Center at Illinois, University of Illinois at Urbana-Champaign.
Aug 2019 - Present, Assistant Professor, School of Information Sciences, University of Illinois at Urbana-Champaign.
Aug 2019 – Present, Faculty Affiliate (0%), Illinois Informatics Programs, University of Illinois at Urbana-Champaign.
Sep 2019 – Present, Faculty Affiliate (0%), Department of Educational Psychology, University of Illinois at Urbana-Champaign.
Sep 2019 – Present, Faculty Affiliate (0%), Beckman Institute, University of Illinois at Urbana-Champaign.
Aug 2021 – Present, Assistant Professor (0%), Health Care Engineering Systems Center (HCESC), University of Illinois at Urbana-Champaign.

Honors, Recognitions, and Outstanding Achievements

- Beckman Institute Graduate Fellowship, 2011-2012
- Cognitive Science/Artificial Intelligence Award, Beckman Institute, 2012
- Chateaubriand Fellowship in Humanities and Social Science, 2013
- Arnold Small Best Student Paper Award, Annual Meetings of the Human Factors & Ergonomics Society, Aging Technical Group, 2009, 2015
- Thomas and Margaret Huang Award for Graduate Research, 2015
- Teaching Excellence, Fall 2020
- Honorable Mention Poster Award, the 8th International conference for Computational Social Science, “Mental Health Pandemic During the COVID-19 Outbreak: Call for Health on Social Media”, July 22, 2022
- Arnold O. Beckman Research Award, the University of Illinois at Urbana-Champaign, Nov 29, 2022. (Special distinction of research project from the Campus Research Board)

Invited Lectures, Talks, and Invited Conference Presentations

Selected Invited Talks and Panel Discussions

- Chin, J. (2019). Talk on Apr 18, 2019: Applying AI and Cognitive Science in Promoting Health Behavior and Communication. Research in Practice Seminar, Division of Academic Internal Medicine, University of Illinois at Chicago
- Chin, J. (2019). Talk on Sep 25, 2019. Designing for Adapting to Information Proliferation. Health, Social Media and Technology Group, University of Illinois at Urbana-Champaign.
- Chin, J. (2019). Talk on Oct 30, 2019: Examining and Identifying HPV-Vaccine Social Media Misinformation. 2019 iSchool Research Showcase, University of Illinois at Urbana-Champaign.
- Chin, J. (2019). Talk on Nov 1, 2019: Topics in Adaptation to Information Proliferation: Information Foraging and Misinformation. CIRSS (Center for Informatics Research in Science and Scholarship) Seminar Talk, University of Illinois at Urbana-Champaign.
- Chin, J. (2019). Talk on Nov 22, 2019: Promoting Interactive Learning in the Wild across the Lifespan. TIMAN (Text Information Management and Analysis Group) Seminar Talk, Computer Science, University of Illinois at Urbana-Champaign.
- Chin, J. (2020). Talk on Sep 29, 2020: What Makes a (False) Message Powerful: Empirical Analysis of the Health Misinformation Ecosystem, EPSY (Department of Educational Psychology) CSTL (Division of Cognitive Sciences of Teaching and Learning) Brownbag, University of Illinois at Urbana-Champaign.
- Chin, J. (2020). Talk on Nov 6, 2020. Health Misinformation in an Era of Information Proliferation. Kinesiology and Community Health Colloquium. University of Illinois at Urbana-Champaign.
- Chin, J. (2021). Invited panel discussion on Oct 15, Health Misinformation Panel, 8th Health Care Engineering Systems Symposium and Interactive Exposition Post COVID Community Health
- Chin, J. (2021). Talk on Nov 12, Misinformation Research Forum, Center for Social and Behavioral Sciences (CSBS) interdisciplinary misinformation research forum.

- Chin, J. (2022). Invited podcast interview on Feb 17, 2022: Virtual coaching to increase physical activity in frail older adults, Center for Clinical and Translational Sciences at the University of Illinois at Chicago.
- Chin, J. (2022). Invited presentation on May 6th, 2022: Theory-driven digital health design for health communication and behavior. Center for Social and Behavioral Sciences (CSBS) Assistant Professor Get Together.
- Chin, J. (2022). Invited panelist on May 16, 2022, at the “Session 5: *Unstructured Data: Drawing Meaning Across Domains to Inform Healthcare*“ in the NCI workshop of Machine Learning and Healthcare Outcomes in Cancer Care Delivery Research (Held by National Cancer Institute’s Division of Cancer Control and Population Sciences (DCCPS))
- Chin, J. (2022). Talk on Sep 23, 2022: Health Literacy: An Overview and Implications to Empower Patients, at the OSF Healthcare (Invited by Dr. Jeff Tillery).
- Chin, J. (2022). Talk on Sep 30, 2022: SavvyHealth: Developing and examining the effects of an advanced online search system on promoting explorative search for the people with multiple sclerosis, in the social and behavioral health session “*Optimizing technology for equitable care coordination: A social and behavioral science perspective*” of the Health Care Engineering Systems Symposium.

Selected Invited Lectures

- Chin, J. (2019). Lecture on Jan 16, 2019: Connecting Cognitive Science, Behavioral Medicine and Human-Computer Interaction in Digital Health Research. School of Public Health and Health Systems (SPHHS), University of Waterloo.
- Chin, J. (2019). Lecture on Oct 16, 2019: Research in Adaptive Cognition and Interaction Design. IS529 Proseminar, University of Illinois at Urbana-Champaign.
- Chin, J. (2020). Lecture on April 14, 2020: Health Misinformation, EPSY546 Human Factors in Health Care Engineering Systems, University of Illinois at Urbana-Champaign.
- Chin, J. (2020). Lecture on April 22, 2020: An Explorative Analysis on HPV-Vaccine Misinformation, IS529 Proseminar, University of Illinois at Urbana-Champaign.
- Chin, J. (2021). Lecture on April 15, 2021: Health Misinformation, EPSY546 Human Factors in Health Care Engineering Systems, University of Illinois at Urbana-Champaign.

Ongoing Grants

1. Augmenting Health Self-Regulation across the Cancer Survivorship Continuum by Digital Phenotyping
 - Lead Principal Investigator: Jessie Chin
 - Grant agency: Campus Research Board (RB23035)
 - Date of grant: 11/29/2022 – 5/31/2024
 - Special distinction: Arnold O. Beckman Research Award
2. Development of a Chatbot for Delivering Long-Term Motivational Interviewing for Improving Exercise Adherence in Hemodialysis Patients
 - Lead Principal Investigator: Jessie Chin
 - Grant agency: Jump Applied Research (Jump ARCHES grant P352)
 - Date of grant: 5/16/2022 – 5/15/2023

3. The Fireside Exploration Project
 - Co-Principal Investigator: Jessie Chin
 - Sponsor: Napoleon
 - Dates of grant: Aug 15, 2021 – Aug 14, 2022 (Aug 14, 2023, No cost extension)
4. Population heterogeneity and behavior change drive risk of COVID-19, norovirus, and rotavirus transmission
 - Co-Principal Investigator: Jessie Chin
 - Sponsor: CHAD Pilot Grant
 - Dates of grant: Aug 15, 2022– Dec 31, 2023
5. Building a Motivational-Interviewing Conversational Agent (MintBot) for Promoting COVID-19 Vaccination among People with Multiple Sclerosis
 - Lead Principal Investigator: Jessie Chin
 - Grant agency: Jump Applied Research (Jump ARCHES grant P304)
 - Date of grant: 5/1/2021 – 4/30/2022 (4/30/2023, No cost extension)
6. Identifying False HPV-Vaccine Information and Modeling Its Impact on Risk Perceptions (GRANT12881703; Application ID: 1R21CA237483-01A1)
 - Multiple Principal investigator: Jessie Chin (Contact PI/PD)
 - Grant agency: National Cancer Institute (National Institute of Health)
 - Dates of grant: 4/1/2020 – 3/31/2022 (3/31/2023, No cost extension)
 - Percentile 1, Impact score 13
7. Feasibility of Conversational Agents for Older Adult Well-being (Award NO 098838)
 - Co-Principal investigator: Jessie Chin
 - Grant agency: Mather Institute
 - Dates of grant: Sep 14, 2020 to Sep 30, 2021 (Sep 30, 2022, No cost extension)

Completed Grants

8. Building E-Lifestyle Coaches to Augment Self-Regulated Health Promotion across the Cancer Continuum
 - Principal investigator: Jessie Chin
 - Grant agency: Cancer Center at the University of Illinois
 - Dates of grant: 07/1/2020 - 09/30/2021
9. An Individualized-Health eLibrary App for People with Multiple Sclerosis: Testing Feasibility and Effectiveness of a Brief Educational Intervention
 - Co-Principal investigator: Jessie Chin
 - Grant agency: The Illinois Campus Research Board (Award RB19148)
 - Dates of grant: Jun 1, 2019 – Dec 31, 2021 (Dec 31, 2022, No cost extension)
10. Promoting Physical Activity with Conversational Agents for Sedentary Older Adults (NIH CCTS Pilot Grant UL1TR002003)
 - Principal investigator: Jessie Chin
 - Grant agency: Center for Clinical and Translational Sciences at the University of Illinois at Chicago and NIH
 - Dates of grant: 11/16/2018-5/16/2022 [Extended due to COVID-19]

II. SELECTED PUBLICATIONS

Chapters in Books

1. Morrow, D. G. & **Chin, J.** (2012). Technology as a bridge between health care systems and older adults. In R. Z. Zheng, R. Hills & M. Gardner (Eds.), *Engaging Older Adults with Modern Technology: Internet Use and Information Access Needs* (pp.59-79). Hershey, PA: IGI Global. DOI: 10.4018/978-1-4666-1966-1.ch004
2. Fu, W-T., **Chin, J.**, Dong, W. & Liao, Q. V. (2012). Interactive skills and dual learning processes. In N. M. Seel (Ed.), *Encyclopedia of the Sciences of Learning* (pp.1612-1615). New York, NY: Springer Press.
3. Morrow, D. & **Chin, J.** (2015). Decision making and health literacy among older adults. In T. Hess, J. Strough, & C. Löckenhoff (Eds.), *Aging and Decision Making: Empirical and Applied Perspectives* (pp.261-282). New York, NY: Elsevier Academic Press. DOI: 10.1016/b978-0-12-417148-0.00013-3
4. Fu, W-T., **Chin, J.** & Liao, Q. (2018). The Central Role of Cognitive Computations in Human-Information Interaction. In A. Oulasvirta, P. O. Kristensson, X. Bi, & A. Howes (Eds.), *Computational Interaction* (pp.363-376). Oxford, UK: Oxford University Press.
5. **Chin, J.** & Burns, C. (2021). Health Promotion: Patient Self-Management, Cognitive Work Analysis and Persuasive Design. In R. J. Holden, & R. S. Valdez (Eds.), *The Patient Factors: Applications of Patient Ergonomics (Volume 2)*(pp.187-203). Boca Raton, FL: CRC Press.
6. Morrow, D. & **Chin, J.** (In Press). A Process-Knowledge Approach to Supporting Self-care among Older Adults. In K.D. Federmeirer & B. Payne (Eds.), *Psychology of Learning and Motivation Vol 77: Cognitive Aging*. Elsevier. DOI: 10.1016/bs.plm.2022.07.003

Selected Peer-Reviewed Articles in Journals

1. **Chin, J.**, Morrow, D. G., Stine-Morrow, E. A. L., Conner-Garcia, T., Graumlich, J. F. & Murray, M. D. (2011). The process-knowledge model of health literacy: Evidence from a componential analysis of two commonly used measures. *Journal of Health Communication, 16 (Suppl3)*, 222-241. DOI: 10.1080/10810730.2011.604702
2. Morrow, D., D'Andrea, L., Stine-Morrow, E. A. L., Shake, M., Bertel, S., **Chin, J.**, Kopren, K., Gao, X., Conner-Garcia, T., Graumlich, J. F. & Murray, M. (2012). Comprehension of multimedia health information among older adults with chronic illness. *Visual Communication, 11(3)*, 347-362. DOI: 10.1177/1470357212446413
3. **Chin, J.**, Payne, B., Gao, X., Conner-Garcia, T., Graumlich, J., Murray, M. D., Morrow, D. G. & Stine-Morrow, E. A. L. (2015). Memory and comprehension for health information among older adults: Distinguishing the effects of domain-general and domain-specific knowledge. *Memory, 23*, 577-589. DOI: 10.1080/09658211.2014.912331
4. **Chin, J.**, Payne, B., Fu, W-T., Morrow, D. G. & Stine-Morrow, E. A. L. (2015). Information foraging across the life span: Search and switch in unknown patches. *Topics in Cognitive Science, 7(3)*, 428-450. DOI:10.1111/tops.12147
5. Liu, X., **Chin, J.**, Payne, B. R., Fu, W-T., Morrow, D. G., Stine-Morrow, E. A. L. (2016). Adult age differences in information foraging in an interactive reading environment. *Psychology and Aging, 31(3)*, 211-223. DOI: 10.1037/pag0000079
6. Sanchiz, M., **Chin, J.**, Chevalier, A., Fu, W-T., Amadiou, F. & He, J. (2017). Searching for information on the web: Impact of cognitive aging, prior domain knowledge and

- complexity of the search problems. *Information Processing & Management*, 53(1), 281-294. DOI: 10.1016/j.ipm.2016.09.003
7. Karanam, S., van Oostendrop, H., Sanchiz, M., Chevalier, A., **Chin, J.**, Fu, W-T. (2017). Cognitive modeling of age-related differences in information search behavior. *Journal of the Association for Information Science and Technology*, 68(10), 2328-2337. DOI: 10.1002/asi.23893
 8. **Chin, J.**, Madison, A., Gao, X., Graumlich, J. F., Conner-Garcia, T., Murray, M. D., Stine-Morrow, E. A. L. & Morrow, D. G. (2017). Cognition and health literacy in older adults' recall of self-care information. *The Gerontologist*, 57(2), 261-268. DOI:10.1093/geront/gnv091, PMID: PMC5881765
 9. Duwe, E.A. G., Holloway, B., **Chin, J.**, & Morrow, D. (2018). Illness experience and illness representation among older adults with hypertension. *Health Education Journal*, 77(4), 412-429. DOI: 10.1177/0017896917751553
 10. **Chin, J.**, Moller, D. D., Johnson, J., Duwe, E., Graumlich, J. F., Murray, M. D. & Morrow, D.G. (2018). A multi-faceted approach to promote comprehension of online health information among older adults. *The Gerontologist*, 58(4), 686-695. DOI: 10.1093/geront/gnw254
 11. Mercer, K., Burns, C., Guirguis, L., **Chin, J.**, Dogba, J., Dolovich, L., Guénette, L., Jenkins, L., Legare, F., McKinnon, A., McMurray, J., Waked, K., & Grindrod, K.A. (2018). Physician and pharmacist medication decision-making in the time of electronic health records: Mixed-methods study. *Journal of Medical Internet Research: Human Factors*, 5(3), e24. DOI: 10.2196/humanfactors.9891, PMID:30274959, PMID:PMC6231837
 12. Bonderski, V., Morrow, D. G., **Chin, J.** & Murray, M. D. (2018). Pharmacy-based approach to improving heart failure medication use by older adults with limited health literacy: Learning from interdisciplinary experience. *Drugs & Aging*, 35 (11), 951-957. DOI: 10.1007/s40266-018-0586-7, PMID:30187287
 13. Mercer, K., Guirguis, L., Burns, C., **Chin, J.**, Dogba, J., Dolovich, L., Guénette, L., Jenkins, L., Legare, F., McKinnon, A., McMurray, J., Waked, K., & Grindrod, K.A. (2019). Exploring the role of teams and technology in patients' medication decision making. *Journal of the American Pharmacists Association*, 59 (2S), S35-S43. DOI: 10.1016/j.japh.2018.12.010, PMID:30733151
 14. Rezai, L. S., **Chin, J.**, Casares-Li, R., He, F., Bassett-Gunter, R. & Burns, C. (2019). Can message-tailoring based on regulator fit theory improve the efficacy of persuasive physical activity systems? *Information*, 10(11), 347, DOI: 10.3390/info10110347
 15. **Chin, J.**, Wang, H., Awwad, A. W., Graumlich, J. F., Wolf, M. S., & Morrow, D. G. (2021). Health literacy, processing capacity, illness knowledge and actionable memory for medication taking in type 2 diabetes: cross-sectional analysis. *Journal of General Internal Medicine*, 36, 1921-1927. DOI: 10.1007/s11606-020-06472-z, PMID: 33507479
 16. Tomaszewski, T., Morales, A., Lourentzou, I., Caskey, R., Liu, B., Schwartz, A., & **Chin, J.** (2021). Identifying the false human papillomavirus vaccine information and corresponding risk perceptions from Twitter using advanced predicted models. *Journal of Medical Internet Research*, 23(9), e30451. DOI: 10.2196/30451, PMID:34499043

17. Rodon, C., **Chin, J.**, & Chevalier, J. (2022). Assessing Covid-19 Health literacy (CoHL) and its relationships with socio-demographic features, locus of control and compliance with social distancing rules during the first lockdown in France. *Health Education Research*, 37(3), 143-154. DOI: 10.1093/her/cyac009

Selected Refereed Conference Proceedings

1. **Chin, J.**, Fu, W-T. & Kannampallil, T. (2009). Adaptive information search: Age-dependent interactions between cognitive profiles and strategies. In *Proceedings of the 27th ACM Conference on Human Factors in Computing Systems CHI'09* (pp.1683-1692). Boston, MA: ACM Press. DOI: 10.1145/1518701.1518961
2. **Chin, J.**, D'Andrea, L., Morrow, D. G., Stine-Morrow, E. A. L., Conner-Garcia, T., Graumlich, J. F. & Murray, M. D. (2009). Cognition and illness experience are associated with illness knowledge among older adults with hypertension. In *Proceedings of the 53rd Annual Meeting of the Human Factors and Ergonomics Society 2009* (pp. 116-120). Santa Monica, CA: Human Factors and Ergonomics Society. DOI: 10.1177/154193120905300202
3. Liao, Q., **Chin, J.** & Fu, W-T. (2010). Effects of cognitive aging on consumption of online health information. In *Proceedings of the 28th ACM Conference on Human Factors in Computing Systems CHI'10*. Atlanta, GA: ACM Press.
4. **Chin, J.** & Fu, W-T. (2010). Interactive effects of age and interface differences on search strategies and performance. In *Proceedings of the 28th ACM Conference on Human Factors in Computing Systems CHI'10* (pp.403-412). Atlanta, GA: ACM Press. DOI: 10.1145/1753326.1753387
5. **Chin, J.**, Stine-Morrow, E. A. L., Morrow, D. G., Gao, X., Conner-Garcia, T., Graumlich, J. F. & Murray, M. D. (2011). The effects of domain general and health knowledge in processing general and health texts among older adults with hypertension. In *Proceedings of the 55th Annual Meeting of the Human Factors and Ergonomics Society 2011* (pp.147-151). Santa Monica, CA: Human Factors and Ergonomics Society. DOI: 10.1177/1071181311551031
6. **Chin, J.** & Fu, W-T. (2012). Age differences in exploratory learning from a health information website. In *Proceedings of the 30th ACM Conference on Human Factors in Computing Systems CHI'12* (pp. 3031-3040). Austin, TX: ACM Press. DOI:10.1145/2207676.2208715
7. Yamani, Y., **Chin, J.**, Meyers, E. A. G., Gao, X., Morrow, D. G., Stine-Morrow, E. A. L., Conner-Garcia, T., Graumlich, J. F. & Murray, M. D. (2012). Reading engagement offsets declines in processing capacity for health literacy. In *Proceedings of the 56th Annual Meeting of the Human Factors and Ergonomics Society 2012* (pp.916-920). Santa Monica, CA: Human Factors and Ergonomics Society. DOI: 10.1177/1071181312561191
8. **Chin, J.**, Payne, B., Fu, W-T., Morrow, D. G. & Stine-Morrow, E. A. L. (2012). Information foraging in the unknown patches across the life span. In N. Miyake, D. Peebles, & R. P. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society* (pp. 1404-1409). Austin, TX: Cognitive Science Society.
9. Karanam, S., van Oostendorp, H., Sanchiz, M., Chevalier, A., **Chin, J.** & Fu, W-T. (2015). Modeling and predicting information search behavior. In *Proceedings of the 5th International Conference on Web Intelligence, Mining and Semantics WIMS '15*. New

York, NY: ACM. DOI: 10.1145/2797115.2797123

10. **Chin, J.**, Johnson, J., Moeller, D., Duwe, E., Graumlich, J. F., Murray, M. D., Stine-Morrow, E. A. L. & Morrow, D. G. (2015). Promoting comprehension of health information among older adults. In D. C. Noelle, R. Dale, A. S. Warlaumont, J. Yoshimi, T. Matlock, C. D. Jennings, & P. P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 375-380). Austin, TX: Cognitive Science Society.
11. **Chin, J.**, Anderson, E., Chin, C-L. & Fu, W-T. (2015). Age differences in information search: An exploration-exploitation tradeoff model. In *Proceedings of the 59th Annual Meeting of the Human Factors and Ergonomics Society 2015*. (Vol. 59, No. 1, pp. 85-89), Santa Monica, CA: Human Factors and Ergonomics Society. DOI: 10.1177/1541931215591018
12. **Chin, J.** & Stine-Morrow, E. A. L. (2016). What makes you feel you are learning: Cues to self-regulated learning. In A. Papafragou, D. Grodner, D. Mirman, J. C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 538-543). Austin, TX: Cognitive Science Society.
13. Rezai, L. S., **Chin, J.**, Bassett-Gunter, R., Burns, C. (2017). Developing persuasive health messages for a behavior-change-support-system that promotes physical activity. In *Proceedings of the International Symposium on Human Factors and Ergonomics in Health Care*, 6(1), 89-95. DOI: 10.1177/2327857917061020
14. Chin, C. L., Su, W. Y., & **Chin, J.** (2019). Representing the true and false text information about human papillomavirus vaccines. In *Proceedings of the International Symposium on Human Factors and Ergonomics in Health Care* (Vol. 9, No. 1, pp. 317-321). Los Angeles, CA: SAGE Publications. DOI: 10.1177/2327857920091070
15. **Chin, J.**, Chin, C. L., Panday, S., Ghazanfari, A., Jagadeesan, G., Wang, Z., ... & Caskey, R. (2019). Tracking the Human Papillomavirus Vaccine Risk Misinformation: An Explorative Study to Examine How the Misinformation Has Spread in User-Generated Content. In *Proceedings of the International Symposium on Human Factors and Ergonomics in Health Care* (Vol. 9, No. 1, pp. 312-316). Los Angeles, CA: SAGE Publications. DOI: 10.1177/2327857920091069
16. **Chin, J.**, Quinn, K., Muramatsu, N., & Marquez, D. (2020). A User Study on the Feasibility and Acceptance of Delivering Physical Activity Programs to Older Adults through Conversational Agents. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 64(1), 33–37. DOI: 10.1177/1071181320641010
17. Desai, S., & **Chin, J.** (2020). An Explorative Analysis of the Feasibility of Implementing Metacognitive Strategies in Self-Regulated Learning with the Conversational Agents. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 64(1), 495–499. DOI: 10.1177/1071181320641112
18. Desai, S., & **Chin, J.** (2021). Hey Google, Can You Help Me Learn?. In *CUI 2021-3rd Conference on Conversational User Interfaces* (pp. 1-4). DOI:10.1145/3469595.3469601
19. **Chin, J.*** & Desai, S.* (2021). Being a Nice Partner: The Effects of Age and Interaction Types on the Perceived Social Abilities of Conversational Agents. *TMS Proceedings 2021*. DOI:10.1037/tms0000027

Selected Peer-Reviewed Conference Presentations

1. **Chin, J.**, Yu, M., Grindrod, K., & Burns, C. (2018). More than Information Access: A cognitive work analysis on physician-pharmacist collaboration through electronic medical records. *Oral Presentation at the HFES 2018 International Symposium on Human Factors and Ergonomics in Health Care*. Boston, MA.
2. **Chin, J.**, Chin, C-L, Ghazanfari, A., Liu, B., Schwartz, A. & Caskey, R. (2018). What makes us care: Analyzing trends and topics of public interests in HPV vaccines over a decade. *Poster presented at the AMIA (American Medical Informatics Association) 2018 Annual Symposium*. San Francisco, CA.
3. **Chin, J.**, Chin, C-L, Caskey, R., Liu, B., Schwartz, A. (2018). Building a patient-driven human papillomavirus (HPV) vaccine risk lexicon. *Poster presented at the Annual Meetings of the Society of Medical Decision Making 2018*. Montreal, Canada.
4. **Chin, J.**, Desai, S. & Lopez, E. (2020). Designing learning through voice-based interactions with conversational agents among older adults. *Poster presented at the Cognitive Aging Conference 2020*, Atlanta, GA. [Postponed due to Covid-19]
5. Chin, C-L, Caywin, Z., Roshan, S. & **Chin, J.** (2020). What makes (false) messages viral: An explorative analysis on the spread of true and false risk-related health messages on social media. *Poster presented at the Annual Meetings of the Society of Medical Decision Making 2020*. Chicago, IL.
6. Vega, L., & **Chin, J.** (2021). An analysis of the current mobile technologies available to assist Hispanic minority youth in diagnosis and self-treatment of anxiety and depression. *Poster presented at the HFES 2021 International Symposium on Human Factors and Ergonomics in Health Care*.
7. Bhavya, B., **Chin, J.**, Zhai, C., & Chiu, C-Y. (2021). A critical review of consumer health search engine functionalities for patients with chronic health conditions. *Poster presented at the HFES 2021 International Symposium on Human Factors and Ergonomics in Health Care*.
8. Quinn, K., **Chin, J.**, Desai, S., O'Connell, C., Leiser, S., Marquez, D. & Muramatsu, D. (2021). *Privacy and Smart Speakers in Research with Older Adults*. Paper presentation at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ, 10-14 November.
9. **Chin, J.** & Desai, S. (2021). Designing conversational agents to support self-regulated learning for older adults. In S. Meija (Chair), *Health Technology and Health Behavior*. Symposium at the Gerontological Society of America (GSA) 2021 Annual Scientific Meeting Phoenix, AZ, 10-14 November.
10. Bak, M., Priniski, H., **Chin, J.** (July, 2022). Representations of Health and Wellness on Instagram: An Analysis of Posting Behavior of Top-Ranked Health Influencers. IC2S2 (8th International Conference on Computational Social Science).
11. Bak, M., **Chin, J.**, Chiu, C-Y. (July, 2022). Mental Health Pandemic during the COVID-19 Outbreak: Calls for Help on Social Media. IC2S2 (8th International Conference on Computational Social Science).

Note: The poster received the **Honorable Mention Poster Award** from the 8th International Conference for Computational Social Science, on July 22, 2022.

12. Tomaszewski, T. & **Chin, J.** (July, 2022). Shades of Truth: Predicting Veracity of Twitter HPV-Vaccine (Mis)information on a Continuum. IC2S2 (8th International Conference on Computational Social Science).
13. **Chin, J.**, Mejía, S., Desai, S., Washington, F., Ramesh, D., Deshpande, F., & Dash, S. (November, 2022). The effects of environment-induced relaxation on cognitive foraging under stress in midlife and beyond. Late breaking poster presentation at the annual scientific meeting of the Gerontological Society of America (GSA) 2022, Indianapolis, IN.
14. Mejía, S., **Chin, J.**, Washington, F., Desai, S., Ramesh, D., Deshpande, F., & Hong, S. (November, 2022). Relaxation elements within a home environment and older adults' socioemotional experiences of challenging tasks. Late breaking poster presentation at the annual scientific meeting of the Gerontological Society of America (GSA) 2022, Indianapolis, IN.

III. TEACHING

- IS543AO Sociotechnical Information Systems: Fall 2019 (co-teaching)
- IS543B Sociotechnical Information Systems: Spring 2020
- IS590HCS Human-Centered Information Systems: Spring 2020
- IS406 Cognition in the Wild: Fall 2020
- IS504B Sociotechnical Information Systems: Fall 2020
- IS504 Sociotechnical Information Systems: Spring 2021
- IS506 Human-Centered Information Systems: Spring 2021
- IS504AO Sociotechnical Information Systems: Fall 2021
- IS504BO Sociotechnical Information Systems: Fall 2021
- IS504BC Sociotechnical Information Systems: Fall 2022
- IS504CC Sociotechnical Information Systems: Fall 2022
- IS189JC Independent Study
- IS 199JC Independent Study
- INFO 399JC Individual Study
- IS589JC Independent Study

IV. SELECTED EXTERNAL SERVICE (PUBLIC, PROFESSIONAL/DISCIPLINARY)

Federal Agency

NIH Reviewer (Fall 2021)

Reviewer of the Ethical and Trustworthy Artificial Intelligence (ETAI) Module and Team Module of **Bridge2AI applications** in response to the NIH Data Generation Projects ROA ([OTA-21-008](#)).

NIH Reviewer (Summer 2022, June 29-30)

Panel Reviewer of K99/R00 applications submitted to RFA-CA-21-060 and RFA-CA-21-061, titled "*NCI Pathway to Independence Award for Outstanding Early Stage Postdoctoral Researchers*".

Program Committee Member

1. IEEE International Conference on Healthcare Informatics (ICHI), Human Factors Track (2015, 2016, 2017, 2019, 2020, 2021, 2022)
2. IEEE ICHI Health IQ (Information Quality) Workshop (2015)

3. ACM Hypertext Conference (2016)
4. ACM Hypertext IndiDiff2016 Workshop (Web Search and Individual Differences) (2016)
5. International Conference on Human Aspects of IT for the Aged Population (ITAP) in HCI International (HCII) (2019, 2020)

Reviewer, Peer-Reviewed Journals

1. International Journal of Human-Computer Studies (2010 - Present)
2. Journal of Experimental Psychology: Applied (2011 - Present)
3. Journal of Health Communication (2013 - Present)
4. HLRP: Health Literacy Research and Practice (2016 - Present)
5. Interacting with Computers (2017 - Present)
6. Patient Education and Counseling (2017 - Present)
7. Human Factors (2018 - Present)
8. Nature Human Behavior (2019 – Present)
9. Journal of the American Pharmacist Association (2020 – Present)
10. Frontiers in Public Health (2020 – Present)
11. Journal of General Internal Medicine (2021 – Present)
12. Journal of Behavioral Medicine (2021 – Present)
13. ACM Transactions on Computer-Human Interaction (TOCHI) (2022-Present)

Reviewer, Peer-Reviewed Conferences

1. Association for Computing Machinery (ACM) Conference on Human Factors in Computing Systems CHI (2010 - Present)
2. Annual Conference of the Cognitive Science Society (2011 - Present)
3. Institute of Electrical and Electronics Engineers (IEEE) International Conference on Healthcare Informatics (2015 - Present)
4. ACM Hypertext Conference (2016 - Present)
5. International Conference of Information Systems (ICIS) (2018 - Present)
6. ACM Conference on Computer-Supported Cooperative Work and Social Computing (2018 - Present)
7. International Conference on Social Informatics (2018 - Present)
8. AMIA (American Medical Informatics Association) Annual Symposium (2019 – Present)
9. Annual North American Meeting of the Society for Medical Decision-Making (2020 – Present)
10. American Psychological Association (APA) Conference on Technology, Minds and Society (2021– Present)