

**Jessie Chin**  
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### **EDUCATION BACKGROUND**

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

### **WORK HISTORY/EXPERIENCES**

- **School of Information Sciences, University of Illinois at Urbana-Champaign (UIUC)**  
Assistant Professor, Aug 2019-Present
- **Beckman Institute for Advanced Science and Technology/ Illinois Informatics Institute/ Health Care Engineering Systems Center/Department of Educational Psychology, UIUC**  
Faculty Affiliate, Aug 2019-Present
- **Cancer Center at Illinois, UIUC**  
Associate Member, May 2019-Present
- **Department of Biomedical and Health Information Sciences, University of Illinois at Chicago**  
Research Assistant Professor, Aug 2017-Aug 2019
- **Department of Systems Design Engineering, University of Waterloo, Canada**  
Postdoctoral Researcher, Jan 2016- Jul 2017

### **SELECTED AWARD**

- Arnold O. Beckman Research Award

### **SELECTED GRANTS**

- PI (MPI). National Cancer Institute (NIH 1R21CA237483-01A1), Identifying False HPV-Vaccine Information and Modeling Its Impact on Risk Perceptions, \$412,742, 04/01/2020-03/31/2023
- Lead PI, Jump Applied Research (Jump ARCHES grant), Building a Motivational-Interviewing Conversational Agent (MintBot) for Promoting COVID-19 Vaccination among People with Multiple Sclerosis, \$74,992, 05/01/2021-04/30/2023
- Lead PI, Jump Applied Research (Jump ARCHES grant), Development of a Chatbot for Delivering Long-Term Motivational Interviewing for Improving Exercise Adherence in Hemodialysis Patients, \$75,000, 05/16/2022-05/15/2023
- PI, The Illinois Campus Research Board (Award RB23035), Augmenting Health Self-Regulation across the Cancer Survivorship Continuum by Digital Phenotyping , \$30,000, 11/29/2022-5/31/24

### **SELECT PUBLICATIONS**

- 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

- 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
- **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
- **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.
- 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
- **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.
- **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
- **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, PMCID: PMC5881765
- **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
- **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
- **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
- **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
- **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