

Man-pui Sally Chan

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Academic Positions

2021, October	University of Pennsylvania Research associate, Annenberg School for Communication
2017 – 2021, October	University of Illinois (Urbana-Champaign Campus) Research assistant professor, Department of Psychology.
2015 – 2017	University of Illinois (Urbana-Champaign Campus) Research associate, Department of Psychology.
2014 – 2015	University of Cambridge Postdoctoral fellow, Department of Psychology.

Education

2014	PhD in Psychology, University of Hong Kong. Advisor: Professor Cecilia Cheng.
2008	Postgraduate Certificate in Psychology, University of Hong Kong (<i>with Distinction</i>)
2002	BBA (IS) in Business Administration, Hong Kong University of Science and Technology (<i>Second Class Honor - Division I</i>)
2001, Jan – Jun	Exchange Program, University of Wisconsin-Madison

Grants & Awards

Grants

Funded

2019 – 23 *Development and validation of regional models of HIV vulnerabilities and solutions, NIH NIAID Grant, University of Illinois. (R01 AI147487, US\$2,493,185)*
Role: Multiple Principal Investigators (Albarracin & Chan)

Funded

2019 – 24 *Digital, Community-Led, Social Action Initiative to Reduce Opioid Vulnerability and HIV/HCV in Rural Areas of the Midwest and Appalachia, NIH NIDA Grant - Avant Garde*

- Award within the Pioneer Award Program, University of Illinois. (DP1 DA048570, US\$3,901,354)
 Role: Co-Investigator
- 2018 – 23 *Mining Social Media Messages for HIV Testing and Prevention Communication*, NIH NIMH Grant, University of Illinois. (R01MH114847, US\$2,911,036)
 Role: Co-Investigator
- 2015 – 17 *Online Media and Structural Influences on New HIV/STI Cases in the United State*.
 Award for pilot data for proposed project due to NIH interest in our work. In noncompeting continuation stage, University of Illinois. (R56 AI114501, US\$656,196)
 Role: Postdoctoral Researcher and Co-Investigator (in early 2017)
- 2012 – 13 Knowledge Exchange Funding Exercise 2011/12 – Student projects, University of Hong Kong (HK\$16,000)
 Role: Principal Investigator
- 2011 – 12 Project grant of Henry Chan Inclusive Education Fund, CEDAR, University of Hong Kong (HK\$32,000)
 Role: Principal Investigator
- 2011– 12 Knowledge Exchange Funding Exercise 2011/12 – Impact projects, University of Hong Kong (HK\$50,000)
 Role: Co-Investigator
- Awards**
- 2012 – 13 Member of the winning team, Research Output Prize, University of Hong Kong
- 2011 – 12 Outstanding Tutor Award, Department of Psychology, University of Hong Kong
- 2010 – 14 University of Hong Kong: Postgraduate Studentship Grant

Publications

Journal Articles

Chan, M. S., & Albarracín, D.

Debunking science-relevant misinformation: A meta-analysis. *Proceedings of the National Academy of Sciences*. (Under review).

White, B. X., Albarracín, D., ..., & **Chan, M. S.**

Syndemics assessing country and social disparities in the efficacy of multiple-behavior interventions for HIV. *Psychological Bulletin*. (Under review)

- Farkhad, B. F., Nazari, M., **Chan, M. S.**, & Albarracín, D. (2021)
State health policies and interest in PrEP: evidence from Google Trends. *AIDS Care, Jun 30,1-9*.
<https://doi.org/10.1080/09540121.2021.1934381>
- Sass, D., Farkhad, B., Li, B., **Chan, M. S.**, & Albarracín, D. (2021)
Are spatial models advantageous for predicting county-level HIV epidemiology across the United States?
Spatial and Spatio-Temporal Epidemiology, 38, 100436.
<https://doi.org/10.1016/j.sste.2021.100436>
- Chan, M. S.**, Morales, A., Zlotorzynska, M., Sullivan, P., Sanchez, T., Zhai, C., & Albarracín, D. (2021)
Estimating the influence of Twitter on pre-exposure prophylaxis use and HIV testing as a function of rates of men who have sex with men in the United States. *AIDS, 35*(Suppl 1), S101-S109.
<https://doi.org/10.1097/qad.0000000000002838>
- Ozan, K., Stecula, D., Lu, H., Ophir, Y., **Chan, M. S.**, Winneg, K., Jamieson, K. H., & Albarracin, D. (2021).
The effects of scientific messages and narratives about vaccination. *PLoS ONE, 16*(3), e0248328.
<https://doi.org/https://doi.org/10.1371/journal.pone.0248328>
- Chan, M. S.**, Jamieson, K. H., & Albarracin, D. (2020)
Regional social media messages influence attitudes and actual vaccination: A big data and survey study of the influenza vaccine in the United States. *Vaccine, 38*:6236–6247.
<https://doi.org/10.1016/j.vaccine.2020.07.054>
- Lu, H., ..., **Chan, M. S.**, Winneg, K., Jamieson, K. H., & Albarracín, D. (2020).
Intentions to Seek Information About the Influenza Vaccine: The Role of Informational Subjective Norms, Anticipated and Experienced Affect, and Information Insufficiency Among Vaccinated and Unvaccinated People. *Risk Analysis, 40*(10), 2040–2056. <https://doi.org/10.1111/risa.13459>
- Gandhi, N., Morales, A., **Chan, M. S.**, Albarracin, D., & Zhai, C. (2020).
Predicting Opioid Overdose Crude Rates with Text-Based Twitter Features (Student Abstract).
Proceedings of the AAAI Conference on Artificial Intelligence, 34(10 SE-Student Abstract Track), 13787–13788. <https://doi.org/10.1609/aaai.v34i10.7165>
- Morales, A., **Chan, M. S.**, Albarracin, D., & Zhai, C. (2020).
Identifying HIV related actionable messages. *The 2020 Conference on Empirical Methods in Natural Language Processing*.
- Chan, M. S.**, Farhadloo, M., Winneg, K., Jamieson, K. H., & Albarracin, D. (2018).
Sources affecting knowledge and behavior responses to the Zika virus in U.S. households with current pregnancy, intended pregnancy, and a high probability of unintended pregnancy. *Journal of Public Health, 40*(4), 776–786. <https://doi.org/10.1093/pubmed/fdy085>
- Chan, M. S.**, Winneg, K., Hawkins, L., Farhadloo, M., Jamieson, K. H., & Albarracin, D. (2018).

Legacy and social media as sources of Zika information: A multi-wave analysis of communications on Twitter and traditional outlets. *Social Science and Medicine*, 212, 50–59.

<https://doi.org/10.1016/j.socscimed.2018.07.007>

Chan, M. S., Lohmann, S., Morale, A., Zhai, C., Ungar, L. H., Holtgrave, D. R., & Albarracín, D. (2018). An Online Risk Index for the cross-sectional prediction of new HIV, chlamydia, and gonorrhea diagnoses across U.S. counties and across years. *AIDS and Behavior*, 22(7), 2322–2333.

<https://doi.org/10.1007/s10461-018-2046-0>

Lohmann, S., White, B. X., Zuo, Z., **Chan, M. S.**, Morales, A., ... Albarracin, D. (2018).

HIV messaging on Twitter: An analysis of current practice and data-driven recommendations. *AIDS*, 32(18), 2799–2805. <http://doi.org/10.1097/QAD.0000000000002018>

Albarracín, D., Wilson, K., **Chan, M. S.**, Durantini, M., & Sanchez, F. (2018).

Action and inaction in multi-behavior recommendations: A meta-analysis of lifestyle interventions. *Health Psychology Review*, 12, 1–24. <http://dx.doi.org/10.1080/17437199.2017.1369140>

Farhadloo, M., Winneg, K., **Chan, M. S.**, Jamieson, K. H., & Albarracín, D. (2018).

Associations of topics of discussion on Twitter with survey measures of attitudes, knowledge, and behaviors related to Zika: Probabilistic study in the United States. *JMIR Public Health and Surveillance*, 4(1), e16. <http://doi.org/10.2196/publichealth.8186>

Morales, A., Gandhi, N., **Chan, M. S.**, Lohmann, S., Sanchez, T., Ungar, L., ... Zhai, C. (2018).

Multi-attribute topic feature construction for social media-based prediction. In *The 2018 Conference on Empirical Methods in Natural Language Processing*. Brussels, Belgium: Association for Computational Linguistics.

Chan, M. S., Jones, C. R., Jamieson, K. H., & Albarracín, D. (2017).

Debunking: A meta-analysis of the psychological efficacy of messages countering misinformation. *Psychological Science*, 28, 1531-1546.

Chan, M. S., & Cheng, C. (2016).

Explaining personality and contextual differences in beneficial role of online versus offline social support: A moderated mediation model. *Computers in Human Behavior*, 63, 747–756.

Cheng, C., Lau, H.B. & **Chan, M. S.** (2014).

Coping flexibility and psychological adjustment to stressful life changes: A meta-analytic review. *Psychological Bulletin*, 140, 1582-1607.

Cheng, C., Cheung, S., Chio, J.H.M. & **Chan, M. S.** (2013).

Cultural meaning of perceived control: A meta-analysis of locus of control and psychological symptoms across 18 cultural regions. *Psychological Bulletin*, 139, 152-188

Book Chapters

Albarracín, D., Albarracín, J., **Chan, M. S.**, & Jamieson, K. H.
Creating Conspiracy Beliefs: How Our Thoughts are Shaped. Cambridge University Press. (Under review)

Albarracín, D., Sunderrajan, A., Lohmann, S., **Chan, M.C.**, & Jiang, D. (2019).
 The psychology of attitudes and persuasion. Albarracín, D., & Johnson, B.T. (Eds.), *Handbook of Attitudes: Basic Principles, Second Edition* (3-44). New York: Routledge.

White, B. X., **Chan, M. S.**, Repetto, A., Gratale, S., Cappella, J. N., & Albarracín, D. (2019).
 The role of attitudes in the use of tobacco, alcohol, and cannabis. In D. Albarracín & B. T. Johnson (Eds.), *Handbook of Attitudes, Second Edition* (31-66). New York: Routledge.

Chan, M. S., Morales, A., Farhadloo, M., Palmer, R. P., & Albarracín, D. (2017).
 Harvesting and harnessing social media data for psychological research. In H. Blanton & G. D. Webster (Eds.), *Social Psychological Research Methods: Social Psychological Measurement*.

Chan, M. S., Jones, C. R., & Albarracín, D. (2017).
 Countering false beliefs: An analysis of the evidence and recommendations of best practices for the retraction and correction of scientific misinformation. In D. Scheufele, D. Kahan, & K. Hall-Jamieson (Eds.), *Handbook of the Science of Science Communication*. Oxford University Press, USA.

Albarracín, D., **Chan, M. S.**, & Jiang, D. (2017).
 Attitudes and attitude change: Social and personality considerations. In K. Deux & M. Snyder (Eds), *Handbook of Personality and Social Psychology*.

Hui, C. H., Zhou, X., **Chan, M. S.**, Zhang, X, Fan, J. (2012).
 Assessing and placing disaster relief and recovery volunteers. In J. Olson-Buchanan, L. K. Bryan & L. F. Thompson (Eds.), *Using I-O psychology for the greater good: Helping those who help others*: Routledge/ Psychology Press.

Ng, E. C. W., **Chan, M. S.**, & Hui, C. H. (Equal contribution) (2012).
 Personnel Psychology for Disaster Response and Recovery (Eds.), *Humanitarian Work Psychology*: Palgrave Macmillan.

Conference Papers

Chan, M. S., Lohmann, S., Albarracín, D., & UIUC Health and Social Media Group. (2017). STI prediction from Tweets: A multi-year, open-dictionary approach. In *The 2017 SPSP Annual Convention*. San Antonio, Texas. (Poster)

Chan, M. S., Lourentzou, I., Morale, A., Zhai, C., & Albarracín, D. (2016). Understanding HIV-related social communications on Twitter in counties with low (vs. high) socio-economic status in U.S. In *The 144th American Public Health Association Annual Meeting*. Denver, Colorado. (Symposium)

Chan, M. S., & Cheng, C. (2013). What are the differences between face-to-face and computer-mediated social support?, In *The Annual Convention of American Psychological Association*. Honolulu, Hawaii. (Poster)

Montasem, A., Ng, S.M.C., **Chan, M. S.**, & Cheng, C. (2013). The role of coping in mediating the relationship between trait emotional intelligence, stress and well-being, In *Annual Conference of the European Health Psychology Society*. Bordeaux, France. (Poster)

Chan, M. S., & Cheng, C. (2012). The relationship of social support with psychological well-being and physical health: A meta analysis, In *International Congress of Psychology*. Cape Town, South Africa. (Symposium)

Cheng, C., Cheung, S., Chio, J.H.M., & **Chan, M. S.** (2011). Does external control link to mental health problems across culture?: A culture-moderated meta-analysis, In *The 12th International Mental Health Conference*. Gold Coast, Australia. (Paper)

Chan, M. S., & Cheng, C. (2010). Cyber social support and well-being among adolescents, *Hong Kong Psychological Society*. Hong Kong. (Poster)

Talks

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| 2018 | The <i>What, Why, and How</i> of Meta-Analysis and Social Media Data Analysis, Annenberg Public Policy Center, University of Pennsylvania. |
| 2016 | Harnessing Big Data: Online (Twitter) Risk Index and Online Social Norms of HIV in the US, Department of Psychology, University of Illinois.

Why threatening misinformation persists? A Meta-Analysis of Motivated Reasoning and Cognitive Correction Strategy, Annenberg Public Policy Center, University of Pennsylvania. |
| 2015 | Adopting a Data Science Approach for Well-Being Research: Where're We and What's Next, Department of Psychology, University of Illinois. |

Teaching

Teaching experience

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| 2012 (Fall) | • Abnormal and Applied Biological Psychology, HKUSPACE |
| 2011 (Spring & Fall) | • Advanced Social Psychology, University of Hong Kong |

- 2010-11 (Spring) • Industrial and Organizational Psychology, University of Hong Kong
- 2010 (Fall) • Health Psychology, University of Hong Kong

Guest Lecture

- 2012 (Fall) • Stress and Coping (at Health Psychology, Chinese University of Hong Kong)

Professional Affiliations & Services

GROV - Grid for The Reduction of Opioid Vulnerability (<https://www.thegrov.org/>)

Society for Personality and Social Psychology

Disaster Relief Volunteer (DRV) Screener (<http://www.psychology.hku.hk/disaster/>)