Man-pui Sally Chan

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Academic Positions

2017, May – Present	University of Illinois (Urbana-Champaign Campus) Research assistant professor, Department of Psychology.
2015 – 2017, May	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 (*with Distinction*)
2002	BBA (IS) in Business Administration, Hong Kong University of Science and Technology (*Second Class Honor - Division 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. (R01AI147487, US$2,493,185)
Role: Multiple Principal Investigators (Albarracin & Chan)

Funded
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 and Chapters

Chan, M. S., Morales, A., Zlotorzynska, M., Sullivan, P., Sanchez, T., Zhai, C., & Albarracín, D. Social media postings about HIV and HIV testing and PrEP use among MSM in the United States. *AIDS*. (In preparation)

Chan, M. S., Jamieson, K. H., & Albarracin, D. Regional social media messages influence attitudes and actual vaccination: A big data and survey study of the influenza vaccine in the United States. *Vaccine*. (Under review)

Chan, M. S., Jones, C. R., Jamieson, K. H., Albarracin, D., Hall Jamieson, K., & Albarracín, D. When details strengthen misconceptions: A meta-analysis of the persistence of misinformation about negative topics. *Journal of Personality and Social Psychology*. (Under review)

Ozan, K., Stecula D, Lu H, … **Chan, M. S.**, et al. The challenge of countering the influence of vaccine hesitancy narratives. *PLOS One*. (Revise and resubmit).

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., 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. http://doi.org/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. http://doi.org/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. http://doi.org/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. In press. *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://doi.org/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., 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.*

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*

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

2018	The *What*, *Why*, and *How* 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

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)

Skills & Social Services

Statistical, Computer, and Programming Skills

Statistical analyses	• Meta-analysis, Structural equation modeling, Multi-level and mixed models, Confirmatory factor analysis, Cross-lagged model, Granger causality, and Bayesian mediation analysis
Statistic software	• R, JASP, JAMOVI, SPSS, AMOS, Mplus, Matlab, E-Prime, and BIOPAC
Programming languages	• Java, Javascript, SPSS macro, C#, C++, HTML, CGI, Objective C, and PHP, Python
Servers and Databases	• Servers: Window and Linux; Databases: MySQL and Mongo
Operating systems	• Mac, Window, Linux, iOS, and Android
Applications and platform developed	• Platform: Mutual-Science.Org; Applications: PsyOnCloud (iOS and Android), MutualScience (iOS and Android)

Social Services

2012-2013	Representative of Postgraduate Committee & Teaching Committee, *Department of Psychology, University of Hong Kong*
2012-2013	Mentor of HKU CSRP: Youth Mentorship Programme, *Centre for Suicide Research and Prevention, University of Hong Kong*.
1999-2002	Volunteer of UNICEF Young Envoys Programme, *Hong Kong Committee for UNICEF*, Hong Kong.

Professional Affiliations & Services

The GROV - Grid for The Reduction of Opioid Vulnerability (https://www.thegrov.org/)
Society for Personality and Social Psychology
Association for Psychological Science
Disaster Relief Volunteer (DRV) Screener (http://www.psychology.hku.hk/disaster/)

Reviewer
Psychological Bulletin, 2017-Present

References

Bo Li	**ChengXiang Zhai**	**Kathleen Hall Jamieson**	**William Hayward**	**Dolores Albarracín**
Associate Professor of Statistics	*Professor in Engineering*	*Elizabeth Ware Packard Professor of Communication*	*Dean of Social Sciences*	*Professor of Psychology, Business, and Medicine*
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