

Yun (Sherry) Wang, Ph.D., MPhil, BSc**PERSONAL INFORMATION**

Business address: R.K. 94-206, 9401 Jeronimo Road, Irvine, CA 92618

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EDUCATION

- 10/2015-09/2018 **Doctor of Philosophy (Ph.D.) in Pharmacy** at School of Pharmacy, The Chinese University of Hong Kong (Q.S. Global World Ranking#43), Hong Kong
- 09/2011-08/2013 **Master of Philosophy (MPhil) in Public Health** at School of Public Health, The University of Hong Kong (Q.S. Global World Ranking#22), Hong Kong
- 09/2006-08/2010 **Bachelor of Science (B.S.) in Pharmaceutical Sciences** at China Pharmaceutical University (Q.S. World University Ranking by Pharmacy & Pharmacology #51-100), China

EMPLOYMENT EXPERIENCE

- 05/2021-now **Tenure-track Assistant Professor** at School of Pharmacy, Chapman University
- 09/2019-04/2021 **Postdoc Research Associate** at Washington University in St Louis School of Medicine
- 11/2018-08/2019 **Research Fellow** at Monash University (Australia)
- 05/2017-09/2017 **Visiting scholar** at University of Southern California
- 12/2014-09/2015 **Researcher** at Zhejiang University (China) and University College London (U.K.)
- 12/2013-11/2014 **Researcher** at Hong Kong Jockey Club Centre for Suicide Research and Prevention (Hong Kong)

GRANTS

2021 Role: Principal Investigator. Departmental Start-Up Grant, Chapman University School of Pharmacy. The purpose of this grant is to set up the PI's laboratory and fund preliminary studies needed to be competitive for extramural research support.

2021 Role: Principal Investigator. Project title: An ecology study of prescription opioids in California from the state's Prescription drug monitoring programs (PDMPs)/Controlled Substance Utilization Review and Evaluation System (CURES) database, 2010–2020, Award: \$4,000; Agency: Office of Research, Chapman University.

2020 Role: Co-Principal Investigator. Project title: Mapping Spatiotemporal Variation of Racial/ethnic Disparities in COVID-19; Award: \$30,000; Agency: Center for the Study of Race, Ethnicity, and Equity (CRE²), Washington University in St Louis.

PUBLICATIONS

- ◇ **Google Scholar Citation: 444 on 7/17/2022**
- ◇ **h-index: 10; i10-index: 10**

Peer-Reviewed Articles

1. **Yun Wang (corresponding author)**, Dan Wu, Alexandre Chan, Chih-Hung Chang, Vivian WY Lee, Michael B. Nichol. "Temporal trend of opioid and nonopioid pain medications: results from a national in-home survey", 2001-2018 (IF=2.91, Anesthesiology and Pain Medicine Q1), Pain reports 7, no. 3 (2022).
2. **Yun Wang**, Bo Zhou, Sun Yang, Alexander Chan, Michael Nichol, Gilbert Samia, Joan Wu, and Marc Fleming. "RWD60 Real-World Dispensing of Buprenorphine and Methadone from MAR 2019 to MAR

- 2021 in California." Value in Health (IF=5.728, Health care sciences & services Q1) 25, no. 7 (2022): S587.
3. David Ung, **Yun Wang**, Vijaya Sundararajan, Derrick Lopez, Monique Kilkenny, Dominique A Cadilhac, Amanda Thrift, Mark Nelson, Nadine Andrew. "Optimal measures for primary care physician encounters after stroke and association with survival: a data linkage study." Neuroepidemiology (IF=5.393, Public, environmental & occupational health Q1), 56.2 (2022): 15-21.
 4. **Yun Wang**, Ying Liu, Mary Waldron, Alexandra N. Houston-Ludlam, Vivian V. McCutcheon, Michael T. Lynskey, Pamela AF Madden, Kathleen K. Bucholz, Andrew C. Heath, and Min Lian. "Temporal Trends in Smoking and Nicotine Dependence in Relation to Co-Occurring Substance Use in the United States, 2005-2016." Drug and Alcohol Dependence (IF=4.852, Substance Abuse Q1) (2021): 108903.
 5. **Yun Wang**, Ying Liu, James Struthers, Min Lian, "Spatiotemporal Characteristics of the COVID-19 Epidemic in the United States." Clinical Infectious Diseases (IF=20.999, Infectious Diseases Q1), Volume 72, Issue 4, 15 February 2021, Pages 643–651, <https://doi.org/10.1093/cid/ciaa934>
 6. Jingjing Cai, **Yun Wang**, Feng Wang, Jingjing Lu, Lu Li, Xudong Zhou. "The association of parent-child communication with Internet addiction in left-behind children in China: A cross-sectional study." International Journal of Public Health (IF=3.380, Public, environmental & occupational health Q1) (2021), <https://doi.org/10.3389/ijph.2021.630700>
 7. Andrew, Nadine, **Yun Wang**, Ken Teo, Michele L. Callisaya, Christopher Moran, David A. Snowdon, Sonya Ellmers, Richard Beare, Dean Richardson, and Velandai Srikanth. "Exploring patterns of personal alarm system use and impacts on outcomes." Australasian journal on ageing (IF=2.111, Gerontology Q1) (2021).
 8. Wu, Dan, **Yun Wang**, Sheng Zhi Yang, Nan Wang, Kai Sing Sun, Tai Pong Lam, and Xu Dong Zhou. "A Socio-ecological Framework for Understanding Workplace Violence in China's Health Sector: A Qualitative Analysis of Health Workers' Responses to an Open-ended Survey Question." Journal of interpersonal violence (IF=6.144, Family studies Q1) (2020): 0886260520980386.
 9. **Yun Wang**, Min Lian, and Ying Liu. "Abstract PO-215: Diabetes and the quality of adjuvant therapy in Medicaid-insured women with breast cancer." Cancer Epidemiology and Prevention Biomarkers (IF=4.344, Oncology Q1) 29 (12 Supplement), PO-215-PO-215
 10. Huang, Chongmei, Virginia Plummer, **Yun Wang**, Louisa Lam, and Wendy Cross. "I am the person who knows myself best: Perception on shared decision-making among hospitalized people diagnosed with schizophrenia in China." International journal of mental health nursing (IF=3.503, Nursing Q1) 29, no. 5 (2020): 846-855.
 11. **Yun Wang**, Srikanth Velandai, Snowdon David A., Ellmers Sonya, Beare Richard, Moran Chris, Richardson Dean, Lotz Peter, and Andrew Nadine E. "Quantifying the economic benefit of the personal alarm and emergency response system in Australia: a cost analysis of the reduction in ambulance attendances." Australian Health Review (IF=1.99, Health policy & services Q2) (2020). 45, 51-58.
 12. **Yun Wang** and Dan Wu. "Comments on the Editor Re: Shi, Zumin, et al. "High Chili Intake and Cognitive Function among 4582 Adults: An Open Cohort Study over 15 Years." Nutrients (IF=5.719, Nutrition & dietetics Q1) 11.12 (2019): 2877
 13. **Yun Wang**, Bryan P. Yan, Brian Tomlinson, and Vivian WY Lee. "Is lipid goal one-size-fits-all: A the review of evidence for recommended low-density lipoprotein treatment targets in Asian patients." European journal of preventive cardiology (IF=7.804, Cardiac & cardiovascular systems Q1) 26, no. 14 (2019): 1496-1506.
 14. **Yun Wang**, Michael B. Nichol, Bryan PY Yan, Joanne Wu, Brian Tomlinson, and Vivian WY Lee. "Descriptive analysis of real-world medication use pattern of statins and antiplatelet agents among patients with acute coronary syndrome in Hong Kong and the USA." BMJ open (IF=2.692, medicine, general & internal Q2) 9, no. 7 (2019): e024937.

15. **Yun Wang**, Bryan Ping Yen Yan, Brian Tomlinson, Michael Bruce Nichol, and Vivian Wing Yan Lee. "Clinical and Economic Analysis of Lipid Goal Attainments in Chinese Patients with Acute Coronary Syndrome Who Received Post-Percutaneous Coronary Intervention." Journal of atherosclerosis and thrombosis (IF= 4.928, Peripheral vascular disease Q1) 25, no. 12 (2018): 1255-1273.
16. V. W. Lee, **Yun Wang**, B. P. Yan, Brian Tomlinson, and Michael Bruce Nichol. "Cost Analysis of Lipid Goal Attainments and Their Relationship with Clinical Outcomes in Chinese Post-Percutaneous Coronary Intervention Acute Coronary Syndrome Patients." Value in health (IF=5.728, Health care sciences & services Q1) 21 (2018): S59.
17. V. W. Lee, **Yun Wang**, Michael Bruce Nichol, B. P. Yan, Brian Tomlinson, and Jun Wu. "Drug Utilization Review of Acute Coronary Syndrome Patients in Hong Kong and United States." Value in health (IF=5.728, Health care sciences & services Q1) 21 (2018): S66.
18. **Yun Wang**, B. P. Yan, D. Liew, and V. W. Y. Lee. "Cost-effectiveness of cytochrome P450 2C19* 2 genotype-guided selection of clopidogrel or ticagrelor in Chinese patients with acute coronary syndrome." The pharmacogenomics journal (IF=3.55, Pharmacology & Pharmacy Q2) 18, no. 1 (2018): 113-120.
19. **Yun Wang**, Bryan P. Yan, Michael B. Nichol, Brian Tomlinson, and Vivian WY Lee. "Real-world study of low-density lipoprotein cholesterol levels and cardiovascular outcomes in Chinese: A retrospective cohort study in post-percutaneous coronary intervention acute coronary syndrome patients." International journal of cardiology (IF=4.164 , Cardiac and Cardiovascular System Q1) 249 (2017): 18-24.
20. V.W. Lee, **Yun Wang**, Jun Wu, B. P. Yan, Michael Bruce Nichol, and Brian Tomlinson. "The impact of low-density lipoprotein cholesterol goal attainments on cardiovascular outcomes: a retrospective cohort study in Chinese acute coronary syndrome patients." Value in health (IF=5.728, Health care sciences & services Q1) 20, no. 5 (2017).
21. V. W. Lee, **Yun Wang**, M. B. Nichol, J. Wu, H. C. Tang, H. Mak, and B. P. Yan. "Impact of LDL-C Goal Attainments and Cost of Management Following the 2013 Acc/Aha Guideline Among Statin Users in Hong Kong Chinese: Real-World Results." Value in health (IF=5.728, Health care sciences & services Q1) 19, no. 3 (2016): A54.
22. Hesketh, Therese, Xudong Zhou, and **Yun Wang**. "The end of the one-child policy: lasting implications for China." JAMA (IF=56.27, Medicine Q1) 314, no. 24 (2015): 2619-2620.
23. **Yun Wang**, Therese Hesketh, and Xu-Dong Zhou. "Behavioural and emotional problems in children affected by parental migration in rural China: a cross-sectional survey." The Lancet (IF=59.1, Medicine Q1) 386 (2015): S82.
24. **Yun Wang**, Sai Yin Ho, Man Ping Wang, Wing Sze Lo, Hak Kan Lai, and Tai Hing Lam. "Hong Kong Chinese adolescents' self-reported smoking and perceptions of parenting styles." International journal of behavioral medicine (IF=2.229, Psychology, clinical Q2) 22, no. 2 (2015): 268-275.
25. Dan Wu, **Yun Wang**, Kwok Fai Lam, and Therese Hesketh. "Health system reforms, violence against doctors and job satisfaction in the medical profession: a cross-sectional survey in Zhejiang Province, Eastern China." BMJ open (IF=2.692, medicine, general & internal Q1) 4, no. 12 (2014).
26. **Yun Wang** and Juefeng Gu. "Status of antibiotics abuse on children in China and reform countermeasures." Pharmaceutical and clinical research (Chinese journal). 2010, 18(3)

Book Chapter

1. Vivian WY Lee, **Yun Wang**, Joyce TS Li, Amy SM Lam. "Evidence and Trends of Clinical Pharmacy Services to Prevent and Manage Heart Disease and Stroke." Encyclopedia of Evidence in

Pharmaceutical Public Health and Health Services Research in Pharmacy (2023), Springer International Publishing, underprint

- Chen, Ying-Yeh, Kevin Chien-Chang Wu, **Yun Wang** and Paul SF Yip. "Suicide prevention through restricting access to suicide means and hotspots." (2016). The International Handbook of Suicide Prevention, Second Edition. Edited by Rory C. O'Connor and Jane Pirkis. © 2016 John Wiley & Sons, Ltd. Published 2016 by John Wiley & Sons, Ltd.

Presentations and invited talks

- Wang Y** (presenter), Real-World Dispensing of Buprenorphine and Methadone from MAR 2019 to MAR 2021 in California, Virtual Presentation at International Society for Pharmacoeconomics and Outcomes Research (ISPOR), May 2022, Washington, DC, USA Area, and Virtual.
- Wang Y** (presenter) on behalf of the AuSCR consortium, Measurement of optimal general practitioner encounters following stroke, Podium presentation at 11th Health Services and Policy Research Conference, December 2019, Auckland, New Zealand.
- Wang Y (Invited speaker)**, Is lipid goal one-size-fits-all: A real-world observation of low-density lipoprotein cholesterol (LDL-C) and cardiovascular outcomes in Hong Kong acute coronary syndrome (ACS) patients, Podium presentation at China Health Policy and Management Society (CHPAMS) Westlake Youth Forum, June 2019, Hangzhou, China.
- Wang Y (Presenter)**. Cost-Effectiveness of CYP2C19* 2 genotype-guided selection of clopidogrel or ticagrelor in Hong Kong Chinese patients with the acute coronary syndrome. Podium presentation at International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 7th Asia-Pacific Conference, September 2016, Singapore.
- Wang Y (Invited speaker)**, Use of statin and lipid control in Hong Kong Chinese patients: The potential cost impact of implementing the 2013 ACC/AHA cholesterol guidelines, Podium presentation at The 8th Asia Huaxia Pharmacoeconomics Forum, May 2016, Chengdu, China.
- Wang Y (Presenter)**. Parental smoking-specific control and intention to smoke among Hong Kong adolescents. Poster presentation at 10th World Congress of the International Association for Adolescent Health, June 2013, Istanbul, Turkey.
- Wang Y (Presenter)**. Parenting styles and smoking in Hong Kong Chinese adolescents. Oral presentation at 1st Singapore International Public Health Conference in conjunction with Seventh Public Health & Occupational Medicine Conference, October 2012, Singapore.
- Wang Y (Presenter)**. Secondhand smoke and insomnia symptoms in Hong Kong adolescents. Poster presentation at Annual Scientific Meeting, Hong Kong College of Community Medicine -Occupational Health for All: From Prevention to Rehabilitation, September 2012, Hong Kong.

AWARDS

China Health Policy and Management Society (CHPAMS) Westlake Youth Forum Travel Fellowship 2019

Asian Future Leaders Scholarship Program (AFLSP) Scholar 2017/18

Global Scholarship Programme for Research Excellence 2016/17

Bright Future Leading Scientist Scholarship 2016/17

International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Travel Grant 2016

Top 10% podium presentation, International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 2016

Best Poster Presentation, The Lancet-CAMS (Chinese Academy Medical Sciences) Health Summit 2015

The Chinese University of Hong Kong scholarship 2015/18

The University of Hong Kong scholarship 2011/13

PROFESSIONAL SERVICEService

1. Mentor, "Successfully Navigating Your Ph.D.: A Mentoring Workshop for 3rd & 4th Year Women & Non-Binary Ph.D. Students in Health Economics & Health Policy", American Economic Association.
2. Alumni Affiliates at Center for the Study of Race, Ethnicity & Equity, Washington University in St Louis, 2021 and onward
3. Invited speaker, "Landing your academic career in public health", China Health Policy and Management Society (CHPAMS), Dec 18, 2021
4. Judge for the Trainee Poster Competition at the 2022 American Association of Colleges of Pharmacy (AACP) Pharmacy Education conference

Journal Editor

Special Issue Editor for Special Issue "Opioid Epidemic during the COVID-19 Pandemic", Healthcare (https://www.mdpi.com/journal/healthcare/special_issues/opioid_COVID#published)

Journal Referee

Value in Health, Healthcare, International Journal of Environmental Research and Public Health, Home Health Care Services Quarterly, BMC Family Medicine, PLOS ONE, Cardiovascular Diagnosis and Therapy, Cardiovascular Diabetology, International Journal of Cardiology, The Lancet Planetary Health, Topics in Stroke Rehabilitation, Australian Health Review, PeerJ, Scientific Reports, 9th Annual conference of American Society of Health Economists (ASHEcon), International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Asia Pacific 2020 conference, Europe 2020 conference, and 2021 conference

Membership

American Society of Health Economists (ASHEcon)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

American Association of Colleges of Pharmacy (AACP)

MEDIA COVERAGE

International Society for Pharmacoeconomics and Outcomes Research (ISPOR), News Across Asia Volume 8 No. 2 (July 2019)

COVID newsletter by Washington State Department of Health, COVID-19 Literature Situation Report (July 2020)

TEACHING AND ACTIVITIESCurrent Trainees / Mentees

Lu Shi, mentee, School of Pharmacy, Chapman University. Role: Mentor and supervisor

Qu Yang, mentee, School of Pharmacy, Chapman University. Role: Mentor and supervisor

Salena Marie Preciado, Ph.D. student, School of Pharmacy, Chapman University. Role: Advisor

Arnold Zheng, Postdoc fellow, School of Pharmacy, Chapman University. Role: Mentor and supervisor

Teaching

PHRM 672 Research Design, Statistics and Literature Evaluation, PHAR 2110 Medicinal Chemistry and Drug Design; PHAR 2211, Dosage From Science; PHAR 2313 Principles of Pharmaceutical Dispensing; PHAR 2520 Fundamentals of Herbal Medicines; GEUC 1011 University Life and Learning; GEUC 2017 Academic and College Life; GEUC Senior Seminar; GEUC 4012 Social Enterprise & Innovation: Internship; GEUC 1000 College Assembly; CMED 6100 Introduction to Biostatistics; CMED 6200 Introduction to Epidemiology; CMED 6201 Principles of Public Health; Pharmacoeconomic Evaluations