# CURRICULUM VITAE Yuting Zhang University of Melbourne

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#### **EDUCATION and TRAINING**

Graduate

2007 Harvard University PhD, Health Policy

Cambridge, MA (Economics concentration)

1999 Harvard University MS

Cambridge, MA Health Policy and Management

Undergraduate

1996 Renmin University of China BS

Beijing, China Economics

summa cum laude

#### **APPOINTMENTS and POSITIONS**

Academic

Jul 11, 2018 – Present Faculty of Business and Economics, Professor of Health Economics

University of Melbourne (Continuing/permanent)

July 2018 – June 2020 Graduate School of Public Health Adjunct Professor (unpaid)

University of Pittsburgh Health Policy & Management

Oct 1 2012 – Jun 30, Graduate School of Public Health Associate Professor of Health

2018 University of Pittsburgh Economics (with tenure)

Health Policy & Management

Dec 1 2016-Dec 31 Melbourne Institute Visiting professor (Australian-

2017 Faculty of Business and Economics, American Health Policy

University of Melbourne Fellow)

8/2010 – 6/2018 Pharmaceutical Economics Research Director

Group (www.per.pitt.edu), University of

Pittsburgh

Core Faculty 6/2009 - 6/2018University of Pittsburgh

Center for Research on Health

Care

4/2009 - Present University of Pittsburgh Graduate Faculty

Graduate School of Public Health Oct 1, 2007 – Sep 30

2012 University of Pittsburgh

Assistant Professor Health Policy and Management

Non-Academic

1999 - 2000Nortel Networks Greater China **Business Specialist** 

Beijing, China

2000 - 2001**IBM Greater China** Financial Analyst

Beijing, China

#### MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

2017-Present	Member, Australian Health Economics Society
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2017-2019 Member, Health Services Research Association of Australia & New

Zealand

2008 Member, Society of General Internal Medicine Member, American Society of Health Economics 2007 - 20172007 - Present Member, International Health Economics Association

2006 - 2011Member. American Economic Association

2006 - 2016Member, AcademyHealth

2006 Member, Association for Public Policy Analysis and Management

#### **HONORS and AWARDS**

Australian Research Council Australian Future Fellowship award 2021-2025

2019 FBE-Visitor Scholar Grant

2016 - 2017Australian-American Health Policy Fellowship

Senior author on a paper that won 1st place at the American Heart 1/2016

Association's 24th annual Fellows Research Day

Honors Convocations Award Recipient, University of Pittsburgh 2012, 2014, 2017 4/2010

Finalist for the National Institute for Health Care Management

Foundation (NIHCM)'s Sixteenth Annual Research Award

Excellence in Mental Health Policy and Economics Research 2009

Award, awarded by the International Center for Mental Health

Policy and Economics

Best New Investigator Podium Presentation Award at the ISPOR 2008

13th Annual International Meeting, Toronto, Canada

4/2008 Finalist for the Hamolsky award for junior faculty at the Society of

		General Internal Medicine
20	06 – 2007	Thomas O. Pyle Fellow, Harvard Medical School
20	005 – 2006	Pharmaceutical Policy Research Fellow, Harvard Medical School and Harvard Pilgram Health Care
20	004 – 2006	Alfred P. Sloan Foundation Doctoral Dissertation Fellowship
		· ·
19	97 – 1999	Hong Kong Hang Seng Bank Overseas Scholarship (1 in 2 selected
		in China in 1997 to receive full tuition and stipend supports to study
		at Harvard for a two-year Master's degree)
19	96	Outstanding College Graduate of Beijing
19	96	summa cum laude. Renmin University of China
19	95	University Wu Yuzhang Presidential Scholarship (highest
		scholarship in the university)

#### **PUBLICATIONS**

#### Peer-reviewed Publications (\* denotes corresponding author)

- Nathan Kettlewell, and Yuting Zhang. Financial incentives and private health insurance demand on the extensive and intensive margins. Journal of Health Economics. (accepted 1 Feb 2024)
- 2. Ou Yang, Jongsay Young, and **Yuting Zhang\***, Effects of Private Health Insurance on Waiting Time in Public Hospitals. *Health Economics*. Online first 15 Feb 2024: https://doi.org/10.1002/hec.4811
- 3. Nathan Kettlewell, **Yuting Zhang\***, Age penalties and take-up of private health insurance. *Health Economics*. Online first: <a href="https://doi.org/10.1002/hec.4784">https://doi.org/10.1002/hec.4784</a>
- 4. Judith Liu, **Yuting Zhang\***, Elderly responses to private health insurance incentives: evidence from Australia. *Health Economics*. 2023; 32(12): 2730-2744; https://onlinelibrary.wiley.com/doi/10.1002/hec.4751.
- 5. Judith Liu, **Yuting Zhang\***, Cameron Kaplan. Effects of Medicare Part D Coverage Gap Closure on Utilization of Branded and Generic Drugs. *Health Economics*. March 2023; Vol 32; Issue 3; online first: **DOI:** <a href="https://doi.org/10.1002/hec.4637">https://doi.org/10.1002/hec.4637</a> [ABDC A\*]
- Judith Liu, Yuting Zhang\*, Cameron Kaplan. Differential Effects by Mental Health Status of Filling the Medicare Part D Coverage Gap. Medical Care. Feb 2022. [Q1 in public health, SJR2020]. doi: 10.1097/MLR.0000000000001668.
- Jongsay Yong, Ou Yang, Yuting Zhang, Anthony Scott. Ownership, Quality and Prices of Nursing Homes in Australia: Why Greater Private Sector Participation Did Not Improve Performance. Health Policy (available online first Sept 20 2021; https://doi.org/10.1016/j.healthpol.2021.09.005). [ABDC A 2019]
- 8. Vicky Mengqi Qin, **Yuting Zhang**, Kee Seng Chia, Barbara McPake, Yang Zhao, Emily S G Hulse, Helena Legido-Quigley, John Tayu Lee. Temporal trends and variation in patient out-of-pocket health expenditures between 2011-2015: evidence from a Chinese national survey. *International Journal for Equity in Health* (accepted May 2021). doi: 10.1186/s12939-021-01480-9 [Q1 in Health Policy SJR2020]
- Susan J. Méndez, Anthony Scott, Yuting Zhang. Gender differences in physician decisions to adopt new prescription drugs. Social Science & Medicine. April 4 2021 online first: https://doi.org/10.1016/j.socscimed.2021.113886. [ABDC A as of 2018]
- 10. Anthony Scott, Terence Bai, **Yuting Zhang**\*. Association between telehealth use and General Practitioner characteristics during COVID-19: findings from a nationally representative survey

- of Australian doctors. *BMJ Open* Mar 25 2021;11(3). online doi: 10.1136/bmjopen-2020-046857. <a href="https://bmjopen.bmj.com/content/11/3/e046857.full">https://bmjopen.bmj.com/content/11/3/e046857.full</a> (accepted March 5 2021). [Q1 in Medicine SJR 2020]
- 11. Rishel C, **Zhang Y**, and Sun E. Association between Preoperative Benzodiazepine Use and Postoperative Opioid Use and Healthcare Costs. *JAMA Network Open.* 2020;3(10):e2018761. doi:10.1001/jamanetworkopen.2020.18761
- Meiqi He, James M. Stevenson, Yuting Zhang, and Inmaculada Hernandez. Risk Factors for Cardiovascular Events in Patients on Antidementia Medications, American Journal of Alzheimer's Disease and Other Dementias (accepted on April 6 2020). Online first DOI: 10.1177/1533317520922380
- 13. Lanting Yang, Maria M. Brooks, Nancy W. Glynn, **Yuting Zhang**, Samir Saba, Inmaculada Hernandez. Real-World Direct Comparison of the Effectiveness and Safety of Apixaban, Dabigatran, Rivaroxaban, and Warfarin in Medicare Beneficiaries with Atrial Fibrillation. *The American Journal of Cardiology.* 2020 Jul 1;126:29-36. doi:10.1016/j.amjcard.2020.03.034. Epub 2020 Apr 10
- 14. Cade Shadbolt, Daniel Gould, Ximena Camacho, Josh Knight, Siddharth Rele, Yuting Zhang, Michelle Dowsey, and Peter Choong. Preoperative opioid use and complications following total joint replacement: A protocol for a systematic review and meta-analysis. BMJ Open. June 2020;10:e035377. doi:10.1136/bmjopen-2019-035377
- Cade Shadbolt, J Haxby Abbot, Ximena Camacho, Philip Clarke, L. Stefan Lohmander, Tim Spelman, Eric C. Sun, Jonas B. Thorlund, Yuting Zhang, Michelle M. Dowsey and Peter F.M. Choong. <u>The Surgeon's Role in the Opioid Crisis: A Narrative Review and Call to Action.</u> 29 January 2020. Front. Surg. doi: 10.3389/fsurg.2020.00004
- 16. San-Juan-Rodriguez A, Zhang Y, He M, Hernandez I. Association of Antidementia Therapies with Time to Skilled Nursing Facility Admission and Cardiovascular Events among Elderly Adults with Alzheimer Disease. *JAMA Network Open;* March 2019;2(3):e190213. doi:10.1001/jamanetworkopen.2019.0213
- 17. **Zhang Y\***, Mendez S, Scott A. Factors Affecting General Practitioners' Decisions to Adopt New Prescription Drugs Cohort Analyses Using Australian Longitudinal Physician Survey Data. *BMC Health Services Research*. Feb 2019; 19(1): 94. doi:10.1186/s12913-019-3889-4
- 18. **Zhang Y\***, Baik SH, Zuvekas SH. Simulating Variation in Families' Spending Across Marketplace Plans. *Health Services Research*. Aug 2018; 53(4). DOI: 10.1111/1475-6773.12831.
- 19. Hernandez I\*, He M, **Zhang Y.** Comparing State, Regional, and Local Variation in Concurrent Opioid and Benzodiazepine Use. *Drug and Alcohol Dependence*. 2018 Oct 1;191:141-144. doi:10.1016/j.drugalcdep.2018.06.033. Epub 2018 Aug 7
- 20. Hernandez I, He M, Brooks M, **Zhang Y**. Exposure-Response Association between Concurrent Opioid and Benzodiazepine Use and Risk of Opioid-Related Overdose in Medicare Part D Beneficiaries. *JAMA Network Open*. June 2018;1(2):e180919. doi:10.1001/jamanetworkopen.2018.0919.
- 22. Hernandez I\*, **Zhang Y**, Saba S. Effectiveness and Safety of Direct Oral Anticoagulants and Warfarin, Stratified by Stroke Risk in Patients with Atrial Fibrillation. *American Journal of Cardiology*. 2018 Jul 1;122(1):69-75. doi: 10.1016/j.amjcard.2018.03.012.
- 23. Hospodar AR, Smith KJ, **Zhang Y**, Hernandez I. Comparing the Cost-effectiveness of Non-Vitamin K Antagonist Oral Anticoagulants with Well-managed Warfarin for Stroke Prevention

- in Atrial Fibrillation Patients at High Risk of Bleeding. Am J Cardiovasc Drugs. 2018 May 9. doi: 10.1007/s40256-018-0279-y
- 24. Gray M, Saba S, **Zhang Y**, Hernandez I\*. Outcomes of Atrial Fibrillation Patients Newly Recommended for Oral Anticoagulation under the 2014 AHA/ACC/HRS Guideline. *Journal of the American Heart Association*. 2018 Jan 4;7(1). pii: e007881. doi: 10.1161/JAHA.117.007881.
- 25. Hernandez I\*, **Zhang Y**, Saba S. Comparison of the Effectiveness and Safety of Apixaban, Dabigatran, Rivaroxaban and Warfarin in Newly Diagnosed Atrial Fibrillation. *American Journal of Cardiology*. 2017 Nov 15;120(10):1813-1819. doi: 10.1016/j.amjcard.2017.07.092.
- 26. Hernandez I\*, **Zhang Y**. Using predictive analytics and big data in optimizing pharmaceutical outcomes. *American Journal of Health-System Pharmacy*. 2017 Sep 15;74(18):1494-1500. doi: 10.2146/ajhp161011.
- 27. Hernandez I\*, Saba S, **Zhang Y.** Geographical Variation in the Use of Oral Anticoagulation Therapy in Stroke Prevention in Atrial Fibrillation. *Stroke*. 2017 Aug;48(8):2289-2291. doi: 10.1161/STROKEAHA.117.017683.
- 28. Liu L, **Zhang Y\***. Does non-employment based health insurance promote entrepreneurship? Evidence from a policy experiment in China. *Journal of Comparative Economics*. May 2017. <a href="https://doi.org/10.1016/j.jce.2017.04.003">https://doi.org/10.1016/j.jce.2017.04.003</a>.
- 29. Hernandez I, **Zhang Y\***. Pharmaceutical Use and Spending Trend in Medicare Beneficiaries with Dementia, From 2006 to 2012. *Gerontology and Geriatric Medicine*. 2017 April. doi: 10.1177/2333721417704946.
- 30. Hernandez I, **Zhang Y\***. Comparing Adoption of Breakthrough and "Me-too" Drugs among Medicare Beneficiaries: A Case Study of Dipeptidyl Peptidase-4 Inhibitors. *Journal of Pharmaceutical Innovation*. Feb 2017. DOI: 10.1007/s12247-017-9277-x.
- 31. **Zhang Y**, Tang W, Zhang Y, Liu L, Zhang L. Effects of Integrated Chronic Care Models on Hypertension Outcomes and Spending: a Multi-town Clustered Randomized Trial in China. *BMC Public Health*. 2017 Mar 11;17(1):244. doi: 10.1186/s12889-017-4141-y.
- 32. **Zhang Y\***, Hueser H, Hernandez I. Comparing the Approval and Coverage Decisions of New Oncology Drugs in the US and Other Selected Countries. *Journal of Managed Care & Specialty Pharmacy.* 2017 Feb;23(2):247-254. doi: 10.18553/jmcp.2017.23.2.247.
- 33. **Zhang Y\***, Caines K, Powers CA. Evaluating the Effects of Pioneer Accountable Care Organizations on Medicare Part D Drug Spending and Utilization. *Medical Care*. Jan 2017. Online first: DOI: 10.1097/MLR.0000000000000686.
- 34. Driessen J, **Zhang Y**. Trends in the Inclusion of Mental Health Providers in Medicare Shared Savings Program ACOs. *Psychiatric Services*. Jan 2017; online first: doi: 10.1176/appi.ps.201600119.
- 35. Hernandez I, **Zhang Y\***, Brooks MM, Chin P, Saba S. Anticoagulation Use and Clinical Outcomes Following Major Bleeding on Dabigatran or Warfarin in Atrial Fibrillation. *Stroke*. 2017 Jan;48(1):159-166. doi: 10.1161/STROKEAHA.116.015150. NIHMS828666.
- 36. Hernandez I, Smith KJ, and **Zhang Y\***. Cost-Effectiveness of Non-Vitamin K Antagonist Oral Anticoagulants for Stroke Prevention in Patients with Atrial Fibrillation at High Risk of Bleeding. *Thrombosis Research*. Oct 2016; online first: DOI: 10.1016/j.thromres.2016.10.006.
- 37. Liu L, Svoboda R, **Zhang Y**\*. Using a Modified Next Generation ACO Benchmark Can Improve the MSSP. *American Journal of Accountable Care*. September 14, 2016. Online first: <a href="http://www.ajmc.com/journals/ajac/2016/2016-vol4-n3/using-a-modified-next-generation-acobenchmark-can-improve-the-mssp">http://www.ajmc.com/journals/ajac/2016/2016-vol4-n3/using-a-modified-next-generation-acobenchmark-can-improve-the-mssp</a>
- 38. Hernandez I, **Zhang Y**\*. Comparing Stroke and Bleeding with Rivaroxaban and Dabigatran in Atrial Fibrillation: Analysis of the US Medicare Part D Data. *American Journal of Cardiovascular Drugs*. September 2016; online first:

#### http://link.springer.com/article/10.1007/s40256-016-0189-9

- 39. Driessen J, Baik S, **Zhang Y**. Trends in off-label use of second-generation antipsychotics in the Medicare population from 2006 to 2012. *Psychiatric services*. 2016 Aug 1;67(8):898-903. doi: 10.1176/appi.ps.201500316.
- Driessen J, Baik SH, Zhang Y. Explaining improved use of high-risk medications in Medicare between 2007 and 2011. *Journal of the American Geriatrics Society*. 2016 Apr 15;appips201500316. doi:10.1176/appi.ps.201500316. PMC4806390.
- 41. Hou Z, Meng Q, **Zhang Y**. Hypertension Prevalence, Awareness, Treatment and Control Following China's Health Care Reform. *American Journal of Hypertension*. 2016 Apr;29(4):428-31. doi: 10.1093/ajh/hpv125.
- 42. Baik S, Hernandez I, **Zhang Y\***. Evaluating the Initiation of Novel Oral Anticoagulants in Medicare Beneficiaries. *Journal of Managed Care & Specialty Pharmacy*. 2016 Mar;22(3):281-92. doi: 10.18553/jmcp.2016.22.3.281.
- 43. Jarlenski M, Baik S, **Zhang Y**. Trends in use of medications for smoking cessation in Medicare Part D, 2007-2012. *American Journal of Preventive Medicine*. 2016 Mar 29. doi:10.1016/j.amepre.2016.02.018. PMC4992646.
- 44. **Zhang Y**, Ma Q, Chen Y, Gao H. Effects of Public Hospital Reforms on Inpatient Expenditures in Rural China. *Health Economics*. 2016 Feb. doi: 10.1002/hec.3320 (ABDC ranked A\*; InCites 5-year impact factor 2.557; ranked 36/88 in Health Care Sciences & Services).
- 45. Kaplan CM, **Zhang Y\***. Anticipatory Behavior In Response To Medicare Part D's Coverage Gap. *Health Economics*. 2016 Jan. doi: 10.1002/hec.3311. (ABDC ranked A\*).
- 46. **Zhang Y\***, Talisa V, Baik S. Part D Plan Switching among Medicare Beneficiaries with Schizophrenia. *Psychiatric Services*. 2015 Oct; 66 (10):1105-1108. PMC4591078.
- 47. Hernandez I, **Zhang Y\***. Comparing Clinical and Economic Outcomes of Biologic and Conventional Medications in Postmenopausal Women with Osteoporosis. *Journal of Evaluation in Clinical Practice*. 2015 Oct; 21 (5):840-7. doi: 10.1111/jep.12389.
- 48. Bellon JE, Stevans JM, Cohen S, James AE III, Reynolds B, **Zhang Y**. Comparing Advanced Practice Providers and Physicians as Providers of e-Visits. *Telemedicine and e-Health*. 2015 Jul 10.
- 49. Hernandez I, **Zhang Y**\*. Risk of Bleeding with Dabigatran in 2010-2011 Medicare Data. *JAMA Internal Medicine*. 2015 Jul; 175 (7):1245-7. doi: 10.1001/jamainternmed.2015.1299. (InCites 5-year impact factor 14.063; ranked 6/155 in Medicine, General & Internal)
- 50. Hernandez I, Baik S, Pinera A, **Zhang Y\***. Risk of Bleeding With Dabigatran in Atrial Fibrillation. *JAMA Internal Medicine*. 2015;175(1):18-25. (InCites 5-year impact factor 14.063; ranked 6/155 in Medicine, General & Internal)
- 51. Zhang Y\*, Baik S, Newhouse JP. Use of intelligent assignment to Medicare Part D plans for people with schizophrenia could produce substantial savings. *Health Affairs*. 2015; 34 (3):455-460. PMC4349210. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services).
- 52. Driessen J, Steenrod J, Stevans J, James AE III, Minnier T, Reynolds B, **Zhang Y**. Innovative approaches to interprofessional care at the University of Pittsburgh Medical Center. *Journal of Interprofessional Care*. 2015;29(5):520-1. doi: 10.3109/13561820.2015.1040114.
- 53. Kaplan CM, **Zhang Y\***. The January Effect: Medication Reinitiation among Medicare Part D Beneficiaries. *Health Economics*. 2014 Nov 14; 23 (11):1287-300. PMCID: 3841288 (ABDC ranked A\*).
- 54. Hou Z, Chang J, Yue D, Fang H, Meng Q, **Zhang Y**. Determinants of willingness to pay for self-paid vaccines in China. *Vaccine*. 2014 Jul 31;32(35):4471-7. doi: 10.1016/j.vaccine.2014.06.047.

- 55. **Zhang Y\***, Zhou C, Baik SH. A simple change to the Medicare part d low-income subsidy program could save \$5 billion. *Health Affairs* (Project Hope). 2014 Jun 1; 33 (6):940-5. PMID: 24889942. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services)
- 56. **Zhang Y\***, Baik S. Race/ethnicity, Disability, and Medication Adherence Among Medicare Beneficiaries with Heart Failure. *Journal of general internal medicine*. 2014 Apr; 29 (4):602-7. PMCID: 3965752
- 57. **Zhang Y\***, Kaplan CM, Baik SH, Chang CC, Lave JR. Medication adherence and readmission after myocardial infarction in the Medicare population. *The American Journal of Managed Care*. 2014; 20 (11):e498-505. PMCID: PMC4321738.
- 58. **Zhang Y\***, Wu SH, Fendrick AM, Baicker K. Variation in medication adherence in heart failure. *JAMA Internal Medicine*. 2013 Mar 25; 173 (6):468-70. PMCID: PMC3609904. PMID: 23400219. (InCites 5-year impact factor 14.063; ranked 6/155 in Medicine, General & Internal)
- 59. Smith KJ, Baik SH, Reynolds CF 3rd, Rollman BL, **Zhang Y\***. Cost-effectiveness of Medicare drug plans in schizophrenia and bipolar disorder. *The American journal of managed care*. 2013 Feb; 19 (2):e55-63. PMCID: PMC3589737. PMID: 23448115.
- 60. **Zhang Y\***, Baik SH, Lave JR. Effects of Medicare Part D Coverage Gap on Medication Adherence. *American Journal of Managed Care*. 2013; 19 (6):e214-24. PMC3711553.
- 61. Kaplan C, **Zhang Y\***. Assessing the comparative-effectiveness of antidepressants commonly prescribed for depression in the US Medicare population. *The journal of mental health policy and economics*. 2012 Dec; 15 (4):171-8. PMCID: PMC3608926. PMID: 23525835.
- 62. **Zhang Y**\*, Baik SH, Fendrick AM, Baicker K. Comparing local and regional variation in health care spending. *The New England journal of medicine*. 2012 Nov; 367 (18):1724-31. PMCID: PMC3490218. PMID: 23113483. (A\*\*; InCites 5-year impact factor 56.17; ranked 1/155 in Medicine, General & Internal)
- 63. **Zhang Y\***, Steinman MA, Kaplan CM. Geographic variation in outpatient antibiotic prescribing among older adults. *JAMA Internal Medicine (formerly Archives of internal medicine)*. 2012 Oct 22; 172 (19):1465-71. PMCID: PMC3530642. (InCites 5-year impact factor 14.063; ranked 6/155 in Medicine, General & Internal)
- 64. **Zhang Y\***, Gellad WF, Zhou L, Lin YJ, Lave JR. Access to and use of \$4 generic programs in Medicare. *Journal of General Internal Medicine*. 2012 Oct; 27 (10):1251-7. PMC3445678.
- 65. Zhou C, **Zhang Y**. The vast majority of Medicare Part D beneficiaries still don't choose the cheapest plans that meet their medication needs. *Health affairs* (Project Hope). 2012 Oct; 31 (10):2259-65. PMCID: PMC3470484. PMID: 23048107. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services)
- 66. Baik SH, Rollman BL, Reynolds CF 3rd, Lave JR, Smith KJ, Zhang Y\*. The effect of the US Medicare Part D coverage gaps on medication use among patients with depression and heart failure. The Journal of Mental Health Policy and Economics. 2012 Sep; 15 (3):105-18. PMCID: PMC3471664. PMID: 23001279.
- 67. **Zhang Y\***, Baik SH, Chang CC, Kaplan CM, Lave JR. Disability, race/ethnicity, and medication adherence among Medicare myocardial infarction survivors. *American Heart Journal*. 2012 Sep; 164 (3):425-433.e4. PMCID: PMC3445297. PMID: 22980311.
- 68. Zhang Y\*, Baik SH, Zhou L, Reynolds CF, Lave JR. Effects of Medicare Part D coverage gap on medication and medical treatment among elderly beneficiaries with depression. *JAMA* Psychiatry (formerly Archives of General Psychiatry). 2012 Jul; 69 (7): 672-9. PMCID: PMC3390754. PMID: 22752233.
- 69. Gellad WF, Donohue JM, Zhao X, **Zhang Y**, Banthin JS. The financial burden from prescription drugs has declined recently for the nonelderly, although it is still high for many.

- Health affairs (Project Hope). 2012 Feb; 31 (2):408-16. PMCID: PMC3387787. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services)
- 70. **Zhang Y\***, Donohue JM, Lave JR, Gellad WF. The impact of Medicare Part D on medication treatment of hypertension. *Health Services Research*. 2011 Feb; 46:185-98. PMC3034269. doi: 10.1111/j.1475-6773.2010.01183.x. (ABDC ranked A; InCites 5-year impact factor 3.110; ranked 20/88 in Health Care Sciences & Services)
- 71. Gellad WF, Huskamp HA, Li A, **Zhang Y**, Safran DG, Donohue JM. Use of prescription drug samples and patient assistance programs, and the role of doctor-patient communication. *Journal of general internal medicine*. 2011 Dec; 26 (12):1458-64. PMCID: PMC3235606. PMID: 21751052.
- 72. **Zhang Y\***, Newhouse JP, Baicker K. Are Drugs Substitutes or Complements for Intensive (and Expensive) Medical Treatment? *American Economic Review*. 2011 May; 101 (3):393-97. PMCID: 3778446 (A\*\*; ABDC ranked A\*; InCites 5-year impact factor 5.140; ranked 9/345 in Economics).
- 73. **Zhang Y\***, Zhou L, Gellad WF. Potential savings from greater use of \$4 generic drugs. *JAMA Internal Medicine (formerly Arch Intern Med)* 15 Mar 2011; 171(5): 468-9.
- 74. Lave JR, Men A, Day BT, Wang W, **Zhang Y.** Employee choice of a high-deductible health plan across multiple employers. *Health services research*. 2011 Feb; 46:138-54. PMCID: PMC3034266. PMID: 20849558.
- 75. Lu CY, Adams AS, Ross-Degnan D, Zhang F, **Zhang Y,** Salzman C, Soumerai SB. Association between prior authorization for medications and health service use by Medicaid patients with bipolar disorder. *Psychiatric services* (Washington, D.C.). 2011 Feb; 62 (2):186-93. PMCID: PMC3053119.
- 76. Donohue JM, **Zhang Y**, Aiju M, Perera S, Lave JR, Hanlon JT, Reynolds CF 3rd. Impact of Medicare Part D on antidepressant treatment, medication choice, and adherence among older adults with depression. *The American journal of geriatric psychiatry*: official journal of the American Association for Geriatric Psychiatry. 2011 Dec; 19 (12):989-97. PMC3233981.
- 77. **Zhang Y\***, Baicker K, Newhouse JP. Geographic variation in the quality of prescribing. *The New England journal of medicine*. 2010 Nov 18; 363 (21):1985-8. PMCID: PMC3047447. PMID: 21047217 (A\*\*; InCites 5-year impact factor 56.17; ranked 1/155 in Medicine, General & Internal; 112 google scholar citations.)
- 78. **Zhang Y\***, Lee BY, Donohue JM. Ambulatory antibiotic use and prescription drug coverage in older adults. *JAMA Internal Medicine (formerly Archives of internal medicine)*. 2010 Aug 9; 170 (15):1308-14. PMID: 20696953. (InCites 5-year impact factor 14.063; ranked 6/155 in Medicine, General & Internal)
- 79. **Zhang Y**\*, Baicker K, Newhouse JP. Geographic variation in Medicare drug spending. *The New England journal of medicine*. 2010 Jul 29; 363 (5):405-9. PMCID: PMC3364516. PMID: 20538621( A\*\*; InCites 5-year impact factor 56.17; ranked 1/155 in Medicine, General & Internal)
- 80. **Zhang Y\***, Lave JR, Newhouse JP, Donohue JM. How the Medicare Part D drug benefit changed the distribution of out-of-pocket pharmacy spending among older beneficiaries. *The journals of gerontology. Series B, Psychological sciences and social sciences*. 2010 Jul; 65 (4):502-7. PMC2883868.
- 81. Donohue JM, **Zhang Y**, Lave JR, Gellad WF, Men A, Perera S, Hanlon JT. The Medicare drug benefit (Part D) and treatment of heart failure in older adults. *American heart journal*. 2010 Jul; 160 (1):159-65. PMC2898511.
- 82. **Zhang Y\***, Lave JR, Donohue JM, Fischer MA, Chernew ME, Newhouse JP. The impact of Medicare Part D on medication adherence among older adults enrolled in Medicare-

- Advantage products. Medical care. 2010 May; 48 (5):409-17.
- 83. **Zhang Y\***, Donohue JM, Lave JR, O'Donnell G, Newhouse JP. The effect of Medicare Part D on drug and medical spending. *The New England journal of medicine*. 2009 Jul 2; 361 (1):52-61. PMCID: PMC2859614. PMID: 19571283. (A\*\*; InCites 5-year impact factor 56.17; ranked 1/155 in Medicine, General & Internal)
- 84. **Zhang Y\***, Donohue JM, Newhouse JP, Lave JR. The effects of the coverage gap on drug spending: a closer look at Medicare Part D. *Health affairs* (Project Hope). 2009; 28 (2):w317-25. PMCID: PMC2859617. PMID: 19189991. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services)
- 85. **Zhang Y**, Adams AS, Ross-Degnan D, Zhang F, Soumerai SB. Effects of prior authorization on medication discontinuation among Medicaid beneficiaries with bipolar disorder. *Psychiatric services* (Washington, D.C.). 2009 Apr; 60 (4):520-7.
- 86. **Zhang Y\***. Cost-saving effects of olanzapine as long-term treatment for bipolar disorder. *The journal of mental health policy and economics.* 2008 Sep; 11 (3):135-46. PMID: 18806303.
- 87. **Zhang Y\***, Soumerai SB. Do newer prescription drugs pay for themselves? A reassessment of the evidence. *Health affairs* (Project Hope). 2007; 26 (3):880-6. PMID: 17485770. (A\*\*; ABDC not ranked; InCites 5-year impact factor 5.190; ranked 1/88 in Health Care Sciences & Services)
- 88. Huskamp HA, Frank RG, McGuigan K, **Zhang Y**. The Impact of A Three-Tier Formulary on Demand Response for Prescription Drugs. *Journal of Economics and Management Strategy*. 2005; 14 (3):729-753. PMID: 18509214.

#### Working papers:

- Scott Barkowski, Dajung Jun, and Yuting Zhang. Medicaid Expansion Spillover Effects on Health Care Consumption and Coverage: Evidence from Medicare Administrative Data. SSRN working paper: <a href="https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=4047511">https://papers.ssrn.com/sol3/papers.cfm?abstract\_id=4047511</a>
- Nathan Kettlewell, Yuting Zhang\*, Age penalties and take-up of private health insurance, MI working paper series; wp2021n28; <a href="https://melbourneinstitute.unimelb.edu.au/publications/working-papers/search/result?paper=3968390">https://melbourneinstitute.unimelb.edu.au/publications/working-papers/search/result?paper=3968390</a> (under review JHE)
- Judith Liu, Yuting Zhang\*, Cameron Kaplan. Impact of the Medicare Part D Coverage Gap Closure and Generic Entry on Medication Use. MI working paper series; wp2020n13 (revision and resubmission under Health Economics)
- 4. Judith Liu, and **Yuting Zhang**. Elderly Responses to Private Health Insurance Incentives: Evidence from Australia. 11<sup>th</sup> Australasian Workshop on Econometrics and Health Economics. April 20-22, 2022 (oral presentation); Sydney, Australia
- 5. Maxim Ananyev, Jongsay Yong, **Yuting Zhang**. Effect of Lifetime Health Cover Policy in Australia on Private Hospital Use. Presented at Ihea July 2021
- 6. Federico Zilio, Ross Hickey, Ted McDonald, Eric Sun, **Yuting Zhang**. Effects of health shocks on household wellbeing (working in progress)
- 7. Yang, Ou and Yong, Jongsay and **Zhang, Yuting** and Scott, Anthony, 2021, "Competition, prices and quality of residential aged care in Australia". Melbourne Institute Working Paper No. 02/21, Available at SSRN: https://ssrn.com/abstract=3765840

#### **Book chapter**

Susan Mendez, Anthony Scott, and **Yuting Zhang.** Improving access to health care in Australia. Melbourne Institute Compendium 2022 Chapter 6 pages 74-87. November 1 2022. https://melbourneinstitute.unimelb.edu.au/publications/melbourne-institute-compendium

#### **ENGAGEMENT**

#### Reports

- 1. Jongsay Yong, Susan Mendez, Ou Yang, and **Yuting Zhang**. Submission to the Independent Hospital and Aged Care Pricing Authority. Aug 30, 2023
- 2. Nathan Kettlewell, Jongsay Yong, and **Yuting Zhang**. Submission to the Department of Health and Aged Care; Re: Consultation Paper Private Health Insurance (PHI) Incentives and Hospital Default Benefits Studies. Department of Health & Aged Care. Aug 12 2023
- Ou Yang, Jongsay Yong, and Yuting Zhang. Updating Victorian Department of Health Multivariate Demand Model: Enhancement of the demand model and generation of updated forecasts. Victorian Department of Health. Dec 13, 2022
- 4. Judith Liu and **Yuting Zhang**, Use of Health Care among DVA clients— preliminary findings using healthcare data provided by DVA, commissioned by the Australian Department of Veterans' Affairs, Nov 21, 2021
- 5. Jongsay Yong, Ou Yang, Viet Nguyen, **Yuting Zhang**. Review of the DHHS Integrated Demand Forecasting Model. March 19 2021
- 6. Judith Liu and **Yuting Zhang**, Impact of Military Service on Veteran Wellbeing and Ageing preliminary findings using HILDA and Alife data, commissioned by the Australian Department of Veterans' Affairs, Feb 12, 2021
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- Ou Yang, Jongsay Yong, Yuting Zhang, Anthony Scott. "Competition, prices and quality of residential aged care in Australia", commissioned by the Royal Commission into Aged Care Quality and Safety.
- 10. Jongsay Yong, Ou Yang, Yuting Zhang, Anthony Scott. Submission on policy recommendation in reforming aged care sector to the Royal Commission into Aged Care Quality and Safety. "The Role of Market and Competition in Aged Care-Responses to Aged Care Royal Commission Counsel Assisting's final submissions" Nov 2020
- Yuting Zhang, Anthony Scott, Judith Liu, Susan J. Méndez, Chapter 9 The future of healthcare after COVID-19 in the Coping with COVID: rethinking Australia, Take the Pulse of the Nation 2020 end of year report, Dec 9 2020, <a href="https://melbourneinstitute.unimelb.edu.au/">https://melbourneinstitute.unimelb.edu.au/</a> \_\_data/assets/pdf\_file/0004/3562906/Coping-with-COVID-19-Rethinking-Australia.pdf

#### **Online publications**

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- 13. **Yuting Zhang**, Jongsay Yong, and Ou Yang, "Does private health insurance cut public hospital waiting lists? We found it barely makes a dent" <a href="https://theconversation.com/does-private-health-insurance-cut-public-hospital-waiting-lists-we-found-it-barely-makes-a-dent-211680">https://theconversation.com/does-private-health-insurance-cut-public-hospital-waiting-lists-we-found-it-barely-makes-a-dent-211680</a>. The Conversation article, Aug 28 2023
- 14. Yuting Zhang and Nathan Kettlewell, "Private health insurance is set for a shake-up. But asking people to pay more for policies they don't want isn't the answer" <a href="https://theconversation.com/private-health-insurance-is-set-for-a-shake-up-but-asking-people-to-pay-more-for-policies-they-dont-want-isnt-the-answer-210981">https://theconversation.com/private-health-insurance-is-set-for-a-shake-up-but-asking-people-to-pay-more-for-policies-they-dont-want-isnt-the-answer-210981</a>. The Conversation article, Aug 14 2023
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- Judith Liu, Yuting Zhang. "Private health insurance rebates: are they working to increase uptake among older people?" Research insight. Aug 17 2022. <a href="https://melbourneinstitute.unimelb.edu.au/">https://melbourneinstitute.unimelb.edu.au/</a> data/assets/pdf\_file/0003/4256751/ri2022n03.pdf
- 17. Judith Liu, **Yuting Zhang**. "How do older adults respond to private health insurance rebates?" June 17 2022. Austaxpolicy: Tax and Transfer Policy Blog, <a href="https://www.austaxpolicy.com/how-do-older-adults-respond-to-private-health-insurance-rebates/">https://www.austaxpolicy.com/how-do-older-adults-respond-to-private-health-insurance-rebates/</a>
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- 19. Ou Yang, Anthony Scott, Jongsay Yong, and **Yuting Zhang**, "Why greater private sector participation has not improved aged care performance", Croakey Health Media. <a href="https://www.croakey.org/why-greater-private-sector-participation-has-not-improved-aged-care-performance/">https://www.croakey.org/why-greater-private-sector-participation-has-not-improved-aged-care-performance/</a>, Oct 25 2021
- 20. Yuting Zhang and Kushneel Prakash, "Why do wealthy Australians leave money on the table by not buying private hospital insurance?", Research Insight, July 12 2021; <a href="https://melbourneinstitute.unimelb.edu.au/publications/research-insights/search/result?paper=3847741">https://melbourneinstitute.unimelb.edu.au/publications/research-insights/search/result?paper=3847741</a>
- 21. Ou Yang, Anthony Scott, Jongsay Yong, and **Yuting Zhang**. "There are problems in aged care, but more competition isn't the solution", the Conversation article; June 15 2021; <a href="https://theconversation.com/there-are-problems-in-aged-care-but-more-competition-isnt-the-solution-154943#comment\_2538693">https://theconversation.com/there-are-problems-in-aged-care-but-more-competition-isnt-the-solution-154943#comment\_2538693</a>
- 22. **Yuting Zhang** and Kushneel Prakash, "What influences whether we buy private hospital insurance?" MJA Insight+; June 7 2021; <a href="https://insightplus.mja.com.au/2021/20/why-do-australians-buy-private-hospital-insurance/">https://insightplus.mja.com.au/2021/20/why-do-australians-buy-private-hospital-insurance/</a>

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### Media coverage (selected since 2020)

- ABC the World Today, interviewed by Gevin Coote, 15 Feb 2024, "Private health insurers criticized over price rises," <a href="https://www.abc.net.au/listen/programs/worldtoday/private-health-insurers-criticised-over-price-rises/103471438">https://www.abc.net.au/listen/programs/worldtoday/private-health-insurers-criticised-over-price-rises/103471438</a>
- ABC's national audio program RN Drive, live interview by Andy Park, Producer Nancy Notzon, 4:15pm. "Is private health insurance worth it?"

- https://www.abc.net.au/listen/programs/radionational-drive/is-private-health-insurance-worth-it-/103467108. 14 Feb 2024.
- ABC, interviewed by Mary Lloyd, "With the current costs of living, is private health insurance worth it?", https://www.abc.net.au/news/2024-02-14/is-the-cost-of-private-health-insuranceworth-it/103436734. 14 Feb 2024
- ABC NewsRadio, interviewed by Sarah Morice, Sept 18 2023, are rebates to private health insurance wroth it
- ABC Far North, live interview by Charlie McKillop, Breakfast presenter, is money spent on subsidizing private health insurance worth it, Sept 6 2023
- SBS Mandarin, interviewed by Jason Liu (JunJie), producer of mandarin program.
   <a href="https://www.sbs.com.au/language/chinese/zh-hans/podcast-episode/you-can-also-price-match-with-medical-specialists-in-australia/adrugtn09">https://www.sbs.com.au/language/chinese/zh-hans/podcast-episode/you-can-also-price-match-with-medical-specialists-in-australia/adrugtn09</a>. Sept 6 2023
- ABC NSW Regional Drive, live interview by Anna Moulder, "asking people to pay more isn't the answer and how private health insurance isn't decreasing wait lists in public hospitals" https://www.abc.net.au/listen/programs/nsw-drive . 5:10pm, Aug 29 2023
- ABC South East NSW the Breakfast radio program, live interviewed by Lisa Markham, 7:10am Aug 29 2023
- ABC Radio National; also available ABC listen app; Life Matters, live interview by Hilary Harper, "Is private health cover doing its job?" <a href="https://www.abc.net.au/listen/programs/lifematters/is-private-health-cover-doing-its-job-/102785564">https://www.abc.net.au/listen/programs/lifematters/is-private-health-cover-doing-its-job-/102785564</a>. 9-9:25am, Aug 29 2023
- 2CC Talking Canberra, live interview by Leon Delaney, 4:56pm Aug 28 2023
- ABC Perth, live interviewed by Eddie Williams, the effects of private health insurance on waiting times in public hospitals. 9:10am Aug 28 2023
- SBS Mandarin, interviewed by Jason Liu (JunJie), producer of mandarin program.
   https://www.sbs.com.au/language/chinese/zh-hans/podcast-episode/which-groups-will-be-affected-by-the-private-healthcare-reviews-proposed-increase-in-the-medicare-levy-surcharge/6yuwgom0s. 7:30am Aug 27 2023.
- ABC Newcastle, live interview by Paul Turton, 10:40am. Aug 16 2023. Private health insurance
- The Australian, interviewed by Remy Varga, June 27 2023. 'Costs weigh heavily as young decide to opt out of private health insurance'
- ABC News, interviewed by Karen Tong, April 14 2023. <u>Private health insurance premiums are going up from June 1 should you keep it? ABC News</u>.
- SBS News, interviewed by Isabella Lane. "Is private health insurance really worth it? What the Medibank hack means for the industry" Nov 16 2022. <a href="https://www.sbs.com.au/news/article/is-private-health-insurance-really-worth-it-what-the-medibank-hack-means-for-the-industry/4gt3sndtc">https://www.sbs.com.au/news/article/is-private-health-insurance-really-worth-it-what-the-medibank-hack-means-for-the-industry/4gt3sndtc</a>
- SBS, interviewed by Sneha Krishnan. "Is private health insurance worth it?" Aug 5, 2021. https://www.sbs.com.au/language/english/is-private-health-insurance-worth-it
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   2021.<a href="https://www.news.com.au/finance/money/costs/why-you-shouldnt-cancel-your-private-health-insurance/news-story/e494519ab1939865b6fb3adbc1ac9439">https://www.news.com.au/finance/money/costs/why-you-shouldnt-cancel-your-private-health-insurance/news-story/e494519ab1939865b6fb3adbc1ac9439</a>
- SBS Mandarin program, interviewed by Jason Liu, Producer of Mandarin Program, Dec 24 2020, The future of healthcare after COVID-19, <a href="https://www.sbs.com.au/language/mandarin/zh-hans/audio/what-changes-will-covid-19-pandemic-bring-to-australia-s-healthcare">https://www.sbs.com.au/language/mandarin/zh-hans/audio/what-changes-will-covid-19-pandemic-bring-to-australia-s-healthcare</a>
- SBS Mandarin program, interviewed by Jason Liu, Producer of Mandarin Program, Nov 23 2020, Changes of private health insurance in the COVID-19 pandemic, <a href="https://www.sbs.com.au/language/mandarin/zh-hans/audio/who-is-ditching-private-health-insurance-during-the-covid-19-pandemic">https://www.sbs.com.au/language/mandarin/zh-hans/audio/who-is-ditching-private-health-insurance-during-the-covid-19-pandemic</a>
- SBS Mandarin program, interviewed by Jason Liu, Producer of Mandarin Program, Oct 29 2020, <a href="https://www.sbs.com.au/language/mandarin/zh-hans/audio/how-to-caculate-if-it-is-worth-ditching-private-health-insurance">https://www.sbs.com.au/language/mandarin/zh-hans/audio/how-to-caculate-if-it-is-worth-ditching-private-health-insurance</a>, on air Nov 6 2020 Friday's Morning time.
- Expert speaker in the module of ""what do experts say" in the Comparative Social Policy class, University of Melbourne, interviewed by Associate Professor Irma Mooi-Reci, October 15 2020
- ABC Radio Adelaide live interview, interviewed by host Jules Schiller "private health insurance premium price increase", 6:15pm, September 29 2020, https://www.abc.net.au/radio/adelaide/programs/drive/drive/12691138 (2:19:10)
- ABC Brisbane Mornings live radio interview, interviewed by host Kate O'Toole "why private health insurance premium increase this week is not justified", 8:50am, September 29 2020 <a href="https://www.abc.net.au/radio/brisbane/programs/mornings/mornings/12691126">https://www.abc.net.au/radio/brisbane/programs/mornings/mornings/12691126</a> (25:20)
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- ABC Radio interview, ABC The Money program, "Australia's decline in income inequity & reforming private health insurance", Sept 25 2020
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- Australian Financial Review, June 11, 2020, Easing of virus lockdown lifts public mood, <a href="https://www.afr.com/politics/federal/easing-of-virus-lockdown-lifts-public-mood-20200610-p5516">https://www.afr.com/politics/federal/easing-of-virus-lockdown-lifts-public-mood-20200610-p5516</a>

Media interview, SBS mandarin program, Are Australia's medical systems and emergency response mechanisms efficient in fighting outbreaks?
 <a href="https://www.sbs.com.au/language/mandarin/zh-hans/audio/the-epidemic-tests-the-medical-systems-of-many-countries-has-australia-passed-the-test">https://www.sbs.com.au/language/mandarin/zh-hans/audio/the-epidemic-tests-the-medical-systems-of-many-countries-has-australia-passed-the-test</a>, June 3, 2020

#### Other engagement activities

- Invited to meet a delegation of senior officials at the Indonesian Ministry of Finance (MoF) and Indonesia's Ministry of Health to advise them on Australia's approach to health financing and pricing. They are also meeting with Australia's Department of Health, Treasury and Finance as well as the Independent Health and Aged Care Pricing Authority (IHACPA). I am one of two academics in the country identified by the Embassy to meet the delegation during their visit in Australia in 5-8 March 2024
- Invited to advise Australia Treasury's new Australian Centre for Evaluation on methods, issues
  on policy evaluation, to share lessons learned from my research and policy engagement,
  advice on how the new Centre can help other government departments to build their capacity
  and collaborate with academia rigorous policy evaluation, 12 Feb 2024
- Advise Taiwan's National Health Insurance Administration (NHIA) on whether Taiwan should introduce private health insurance on top of their universal health insurance coverage. This involves giving a one-hour presentation on Australian's health insurance system and lessons learned from private health insurance sitting alongside Medicare, meetings with the head of NHIA and other executive level policymakers in the Minister of health's office. 6 Dec 2023, Taipei, Taiwan.
- Women's health roundtable Oct 19 2023, advice industry about current issues and gap in research on women's health, and how we can improve them
- Private health insurance roundtable, Department of Health & Aged Care team that oversees
  private health insurance reforms; to provide feedback to their consultation reports and provide
  recommendations to current reforms. Sept 19, 2023
- Public Economic Forum, Department of Health & Aged Care, Australian Bureau of Statistics.
   Sharing recent findings on private health insurance and Medicare key programs to policymakers and data custodians. Canberra, Sept 19 2023
- Victorian Department of Health, meet twice per week to discuss how to enhance their healthcare demand forecast model and estimate healthcare demand budget for the next five years, Nov-Dec 2022
- Organized a session on private health insurance that facilitates conversation and panel discussions between academics and policy makers at the Australian Health Economics Society meeting in Brisbane, Queensland, Sept 21 2022.
- Invited by Brian Kelleher, Assistant Secretary, Private Health Industry Branch, Medical Benefits Division, the Australian government Department of Health (DoH) to share my research findings and provide advice to DoH's recent reforms on private health insurance, June 9 2022.
- Interviewed as a subject expert to give advice to Department of Health on private health insurance reforms, facilitated by Finity Consulting, Dec 3 2021.
- Invited as a subject expert to give advice to the Finity Consulting on their proposal to the Department of Health to evaluate the Life-time Health Cover policy and private insurance rebates, Aug 2 2021.

- Invited to speak at the Department of Veterans' Affairs (DVA) to train and advise DVA senior leadership and staff on how to measure wellbeing; June 2021
- Victorian Department of Health and Human Services, meetings to discuss their healthcare demand forecast model, Jan-Mar 2021
- Reforming private health insurance especially on lifetime cover policy, meetings with KPMG, Jan-Feb 2021
- Developing health system performance measures used by Australia, commissioned by the Australian Institute of Health and Welfare, Feb 2020-May 2020
- March 12 2020, Victorian Department of Health and Human Services roundtable on payment model reforms
- Mar 2020, consulting advice to the Royal Commission into Victoria's Mental Health System submission about ideas and approach to use their linked data
- Feb 2020, Department of Veterans' Affairs, proposal submission on evaluating the impact of military services on ageing, health and wellbeing of veterans and their families
- 2019-2021 partner project with the Victorian Department of Health and Human Services on redesigning stroke care in Victoria
- Dec 2019 Mar 2020, two proposal submissions to the Royal Commission into Aged Care Quality and Safety
- Nov 25 2019, Department of Veterans' Affairs (DVA) and Department of Defense, inaugural guest speaker for their special strategy seminar to the top executives at the DVA and Department of Defense
- Nov 2019, Department of Health's Health Economics Service Panel submission, selected
- Mar Sept 2019, the Australian Institute of Health and Welfare (2 visits in Canberra with multiple teams: data linkage, PBS, hospital expenditures)
- Mar and June 2019, the Department of Health (2 visits in Canberra, Head of Health Economics group)
- June July 5 2019, The Royal Commission into Victoria's Mental Health System submission
- Nov 2018, the Beyond Blue services evaluation panel submission, selected

#### **Quality and Impact**

 I organized a one-day event to celebrate Medicare's 40<sup>th</sup> anniversary with the commonwealth Department of Health & Aged Care on 19 February 2024:

https://melbourneinstitute.unimelb.edu.au/research/HALE-Hub#events.

The one-day conference reflected on the Melbourne Institute's early involvement in the development of Medicare, celebrated its history and achievements, and looked to the future of the national health insurance scheme.

The event featured a keynote address from the Hon. Ged Kearney MP and a series of panel discussions (from improving access and affordability, advancing patient-centred teambased approach, to digital health and modernizing Medicare) throughout the day, providing valuable insight into the successes and challenges facing Medicare. This even attracts over 180 attendees including many executive level policy makers, academia, think-tank executives, national and Victoria aboriginal community controlled health organizations, and other industry stakeholders. Many topics discussed throughout the day are issues the Commonwealth Department of Health & Aged Care is trying to solve, including bulk-billing incentives, role of private health insurance sitting along Medicare, digital health, and how to fund/deliver teambased healthcare.

- Advise the Indonesian Ministry of Finance (MoF) and Ministry of Health on Australian healthcare system and how Australia finances and prices healthcare. Invited by William Rowell, First Secretary (Economic Governance) in Australian Embassy, in Jakarta (william.rowell@dfat.gov.au) to share my expertise with a delegation of 20 senior officials from the MoF, MoH, National Social Security Council, the Social Security Administrator for Health, and Indonesian Consulate. 7-8 March 2024
- Advise Taiwan's National Health Insurance Administration (NHIA) on whether Taiwan should introduce private health insurance on top of their universal health insurance coverage. 6 Dec 2023. Taipei, Taiwan
- Present at the Outlook Conference Nov 2 2023 on how to improve Australia's private health insurance system in the session for An inclusive society: employment, ageing, and health. Outlook conference Bold ideas for a defining decade, co-organized by Melbourne Institute and the Australian, Nov 2 2023, Prime Minister, Treasury, several senators, ministers and opposition leaders attended this conference. Melbourne, Australia. From November 2-6, there were more than 370 mentions in the media across TV, radio, online publications, and printed newspapers. The potential audience reach was over 13.5 million people.
- 5 articles on The Conversation articles on PHI, which reaches to 210,478 readers as of now: https://theconversation.com/profiles/yuting-zhang-1144393/dashboard#. This type of wide dissemination to general audience is unreachable by only publishing in peer-reviewed journals.
- Public Economic Forum in Canberra to share recent findings on effects of incentive policies on private health insurance and policy evaluations of key Medicare programs. Attracted about 100 audience from the government departments including the Department of Health & Aged Care (e.g., Dr. Phillip Gould, First Assistant Secretary), Department of Education, ABS (e.g., Teressa Dickinson, Deputy Statistician Australia), ACT health, and academics from the Australian National University and University of Canberra. Canberra Sept 19 2023
- Roundtable discussion with the team in the DoHA overseeing private health insurance reforms to make recommendations on what can be improved and what should not change. Canberra Sept 19 2023
- Develop and enhance models to forecast demand for health and human services for the Victorian Department of Health and influence the department's 2023-24 budget preparation. The enhanced model incorporates the impact of COVID-19 on demand for key health and human services by adding the most recent linkage data from 2020-2022. Sept-Dec 2022
- Invited by Brian Kelleher, Assistant Secretary, Private Health Industry Branch, Medical Benefits Division, the Australian government Department of Health (DoH) to present my research findings to help with their effort to reform private health insurance, June 9 2022. Other participants from DoH including Kayla Jordan, Tamara Devlin and senior executive at Finity.
- My Research Insight Why do Australians buy private hospital
   insurance? (https://melbourneinstitute.unimelb.edu.au/ data/assets/pdf file/0004/3800758/ri2
   021n06.pdf) was quoted and cited in the Australian Competition and Consumer
   Commission (ACCC) Private health insurance report 2020-21
   (https://www.accc.gov.au/publications/private-health-insurance-reports/private-health-insurance-report-2020-21). This report was tabled in the Australian Senate Dec 9 2021.
- Invited to provide feedbacks on the private health insurance reforms on Lifetime Health Cover

- and Medicare Levy Surcharge policies evaluated by the Department of Health, Aug-Dec 2021
- Train and advise senior leadership and staff at the Department of Veterans' Affairs (DVA) on how to measure wellbeing especially with data outside of DVA data
- Guide policy makers and general population what to think about roles of private health insurance in universal health insurance coverage through publishing 5 research insights and presenting at colloquium seminars that target for policy makers and general population outside of academia
- Affect how Victoria Departments of Health and Families, Fairness, and Housing forecast their demand on health and other human services by using newly linked data, March 2021 (DHHS report).
- Educate general population about government tax and rebate incentives and penalties and affect their choices to purchase private health insurance, 2020-2021.
  - Yuting Zhang. The Conversation article, "Thinking of ditching private health insurance in the pandemic? Here's how to calculate if it's worth it for you", October 22 2020.
     <a href="https://theconversation.com/thinking-of-ditching-private-health-insurance-in-the-pandemic-heres-how-to-calculate-if-its-worth-it-for-you-148191#comment\_2366611">https://theconversation.com/thinking-of-ditching-private-health-insurance-in-the-pandemic-heres-how-to-calculate-if-its-worth-it-for-you-148191#comment\_2366611</a>
  - Yuting Zhang, The Conversation article, "Private health insurance premiums are going up this week. But the reasons why just don't stack up", <a href="https://theconversation.com/private-health-insurance-premiums-are-going-up-this-week-but-the-reasons-why-just-dont-stack-up-146480">https://theconversation.com/private-health-insurance-premiums-are-going-up-this-week-but-the-reasons-why-just-dont-stack-up-146480</a>; Sept 28 2020
- Influence Department of Veterans' Affairs strategic policies on improving veterans' financial wellbeing (link to DVA report on financial wellbeing).
- Assisting the System Governor to evaluate the extent of competition on price and quality of care in Australian residential aged care; affected the Royal Commission into Aged Care Quality and Safety's recommendation on how to reform aged care sector.
   <a href="https://agedcare.royalcommission.gov.au/publications/final-report-list-recommendations">https://agedcare.royalcommission.gov.au/publications/final-report-list-recommendations</a>; Mar 2021.

#### RESEARCH PROJECTS

# Current research support (5 as lead investigator)

- Transforming Australian healthcare: data-driven insights for a healthier future. Funded by Faculty of Business and Economics Research Laboratory Fund, my role: lead person. 1 Jan 2024-1 Dec 2026, \$499,917
- 2. Advancing Medicare: bridging policy and practice through rigorous evaluation. Faculty of Business and Economics ARC linkage incentive research grant, my role: lead person. 1 Jan 2024-1 Dec 2024. \$20,000 (\$10,000 until ARC submission; \$10,000 until 1 Dec 2024)
- 3. Shaping the future of healthcare system to improve population health, Faculty of Business and Economics ARC mid-career industry fellowship incentive grant. my role: lead person. 1 Jan 2024-1 Dec 2024. \$20,000 (\$10,000 until ARC submission; \$10,000 until 1 Dec 2024)
- 4. Faculty of Business and Economics visiting research scholar grant, \$15,365 to support Professor Erin Stumpf from McGill University to visit Feb-Mar 2024
- 5. Faculty of Business and Economics internal faculty research grant, "Structural discrimination and indigenous health inequalities in Australia", PI: Karinna Saxby; my role: supervisor and collaborator; Jan 2024-Dec 2024, \$15,000

- 6. Faculty of Business and Economics internal Industry Engagement Seed grant, "Effects of Closing-the-gap program on mortality of indigenous Australians", PI: Karinna Saxby; my role: supervisor and collaborator; Jan 2024-Dec 2024, \$14,102
- 7. Victorian Department of Health, "Enhancement of the multivariate demand drivers model and generation of updated forecasts". Lead: Jongsay Young; my role: co-investigator, Aug 2022-Dec 2022, \$130,000
- 8. Faculty of Business and Economics internal research grant, "Suicide risk and economic circumstances", PI: Ferdi Botha; my role: collaborator; Jan 2022-Dec 2022, \$23,452
- 9. Downing fellowship, "Evaluating the effects of rebates on private health insurance take-up". PI: Judith Liu; my role: collaborator/supervisor; Sep 2021-Aug 2022, \$25,000
- 10. Department of Health and Human Services (DHHS), "Review of the DHHS Integrated Demand Forecasting Model", lead: Jongsay Young; my role: co-investigator; Dec 15 2020-Jan 15 2021, \$47,795
- 11. Australian Research Council Australian Future Fellowship award, "Health insurance design: choices, consumer behavior and policy challenges", \$1,057,328 (\$897,328 from ARC); my role: sole investigator; 2021- 2025, project ID FT200100630.
- 12. NHMRC MRFF Targeted health system and community organization research 2020, Title: PRedicting the population health economic IMpact of current and new CAncer Treatments (PRIMCAT). \$2,312,795, my role as CIB; lead person from UoM Center for Cancer Research Professor Maarten IJzerman; Application ID: MRF1199701; 7/1/2020-6/30/2023
- 13. Impact of Military Service on Veteran Wellbeing and Ageing, funded by the Australian Department of Veterans' Affairs, \$143,650; my role: lead applicant/PI; 1/4/2020-30/5/2021.
- 14. Re-designing stroke care pathways under a value-based healthcare approach, \$49,900, funded by FBE Research Partnership Fund, partner with the Victorian Department of Health and Human Services, my role: lead and sole applicant, 1/1/2020-12/31/2021
- 15. Competition and quality of care in Australian residential aged care, commissioned by the Royal Commission into Aged Care Quality and Safety, Mar 2020 Nov 2020, themis id: 301567; my role: lead investigator
- 16. Developing health system performance measures used by Australia, funded by the Australian Institute of Health and Welfare, \$59,200, Jan 2020-May 2020, my role: coinvestigator
- 17. Opioid Overuse in Orthopaedic Surgery, \$25,000, funded by the University of Melbourne Department of surgery, lead applicant: Peter Chong, my role: coinvestigator
- 18. Improving the design of private and public health insurance, \$10,000 funded by FBE ARC Strategic Support Fund, 1/1/2021-12/31/2021, my role: lead and sole applicant
- 19. The Effect of the Broader Safety Net on Health, FBE Research grant, 1/1/2020-12/31/2021, \$10,000; Lead applicant: Judith Liu; my role on the grant: collaborator/supervisor

20. The Effects of Public Health Insurance Expansions on Low-Income Seniors, FBE Research grant, 1/1/2020-12/31/2021, \$9,000; Lead applicant: Dajung Jun; my role on the grant: collaborator/mentor

#### Other grant and proposals submitted and under review:

- ARC Discovery, Feb 2023, lead: Ou Yang; my role: chief investigator
- MRFF frontier, Scalable Health Intervention Evaluation (SHINE): health and economic data made comparable for decision-making, \$1.5 million (submitted in March 2020), in phase two if phase 1 funded following up funding \$50 million. Lead person from UoM population health Professor Tony Blakely, unsuccessful.
- Department of Health, Dec 14, 2020, "Private Health Insurance Actuarial Studies for Lifetime Health Cover & Risk Equalisation – Reference ID: HEALTH20-21/9683", KPMG lead (submitted jan 2021; unsuccessful)

#### Past research support

Below is the list of 17 funded grants (14 as lead investigator) while at the University of Pittsburgh between 9/2007-6/2018

Funding Agency: National Institutes of Health

Grant Number: R01 AG054424-01

Title of Grant: Impact of Insurance Benefit Design on Patient Outcomes:

Evidence from the Medicare Part D Coverage Gap Closure

Principal Investigator: Cameron Kaplan Zhang Role on Grant: Co-investigator

Years Inclusive: 9/15/2017 - 8/31/2020

Percent Effort: 20%

Total Direct Costs: \$1,132,474 Total Amount Awarded: \$1,735,337

Funding Agency: Alzheimer's Association Research Grant to Promote

Diversity (AARG-D)

Grant Number: 500234

Title of Grant: Claims Data Mining to Predict Side Effects of Anti-dementia

**Drugs** 

Principal Investigator: Inmaculada Hernandez
Zhang Role on Grant: Co-investigator/Mentor
Years Inclusive: 2/1/2017 - 1/31/2020

Percent Effort: 2.5% Total Direct Costs: \$132,929

Total Amount Awarded: \$146,222 (AU\$214,946)

Funding Agency: Commonwealth Fund

Grant Number: 20150380

Title of Grant: Evaluating the effects of Pioneer ACOs on Part D spending

Principal Investigator: Yuting Zhang

Zhang Role on Grant: PI (before 12/1/2016; switch the grant to a colleague

because I started the Australian-American Health Policy

Fellowship); Co-I during 1/1/2018-4/30/2018 5/1/2015 - 4/30/2018 (with no cost extension)

Percent Effort: 35% Total Direct Costs: \$325,219

Years Inclusive:

Total Amount Awarded: \$348,971 (AU\$512,987)

Funding Agency: National Institutes of Health

Grant Number: R21MH100721

Title of Grant: Optimizing Medicare Part D plan choice by beneficiaries with

schizophrenia

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 12/1/2013 - 11/30/2016

Percent Effort: 35.0 % Total Direct Costs: \$275,000

Total Amount Awarded: \$415,167 (AU\$610,296)

Funding Agency: Commonwealth Fund

Grant Number: 20160326

Title of Grant: Updating Measures of Geographic Variation in the Quality of

Prescribing in Medicare

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 9/1/2015 - 11/30/2016

Percent Effort: 5.0 % Total Direct Costs: \$50,590

Total Amount Awarded: \$55,649 (AU\$81,804)

Title of Grant: Advanced Practice Provider E-Visits - AnyWhereCare

Zhang Role on Grant: Co-Investigator

Years Inclusive: 9/1/2013 - 12/31/2015

Percent Effort: 5.0 % Total Direct Costs: \$80,000

Total Amount Awarded: \$88,000 (AU\$129,360)

Funding Agency: Commonwealth Foundation

Grant Number: 20130660

Title of Grant: Updating Measures of Geographic Variation in the Quality of

Prescribing in Medicare

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 7/1/2013 - 6/30/2014

Percent Effort: 10.0 % Total Direct Costs: \$45,455

Total Amount Awarded: \$50,000 (AU\$73,500)

Grant Number: Commonwealth Foundation

Grant Number: 20120516

Title of Grant: Evaluating the Quality of Prescribing in Medicare

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 5/2012 - 1/2014

Percent Effort: 9.0 %

Total Direct Costs: \$72,706 (AU\$106,878)

Funding Agency: Institute of Medicine

Grant Number: Prime: CMS HHSP22320042509XI

Title of Grant: IOM Study of Geographic Variation in Health Care Spending

and Promotion of High-Value Health Care

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 2/2011 - 12/2012

Percent Effort: 20.0 %

Total Direct Costs: \$138,000 (AU\$202,860)

Funding Agency: Agency for Healthcare Research and Quality

Grant Number: R01HS018657

Title of Grant: Racial and Ethnic Differences in Response to the Medicare

Coverage Gap among Patients with Cardiac Diseases

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 4/2010 - 4/2014

Percent Effort: 50.0 % Total Direct Costs: \$505,842

Total Amount Awarded: \$743,825 (AU\$1,093,423)

Funding Agency: National Institutes of Health

Grant Number: Challenge Grant 1RC1MH088510

Title of Grant: Comparing Methods to Pay for Psychotropic Medications for

Medicare Beneficiaries

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)

Years Inclusive: 9/1/2009 - 8/31/2012

Percent Effort: 50.0 % Total Direct Costs: \$615,379

Total Amount Awarded: \$911,922 (AU\$1,340,525)

Funding Agency: University of Pittsburgh

Grant Number: GSPH Modeling

Title of Grant: Fill the Gap: Modeling Total Medicare Spending among the

Elderly

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole) Years Inclusive: 2009 – 2010

Percent Effort: 5.0 %
Total Direct Costs: \$20,000

Funding Agency: Robert Wood Johnson Foundation

Grant Number: HCFO

Title of Grant: Effects of Prior Authorization of New Medications among

Medicaid Beneficiaries with Bipolar Disorder

Principal Investigator: Yuting Zhang

Zhang Role on Grant: Principal Investigator of sub-contract

Years Inclusive: 2009 – 2009 Total Direct Costs: \$231,641

Funding Agency: Clinical Translational Science Institute (CTSI) and RAND -

University of Pittsburgh Health Institute (RUPHI) Translating

Research into Practice Pilot Program

Grant Number: CTSI/RAND

Title of Grant: Variation in the Use of \$4 Generic Drugs Among Medicare

Beneficiaries

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)
Years Inclusive: 2009 – 2010
Total Direct Costs: \$30,000

Funding Agency: RAND - University of Pittsburgh Health Institute (RUPHI), the

Center for Minority Health, and the Section on Healthcare

Disparities and International Medicine

Grant Number: RUPHI

Title of Grant: Racial and Ethnic Disparities in Responses to the Medicare

Part D Coverage Gap among Patients with Cardiac

**Diseases** 

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)
Years Inclusive: 2009 – 2010
Total Direct Costs: \$30,000

Funding Agency: University of Pittsburgh Grant Number: Office of the Provost

Title of Grant: Behavioral Responses in Medicare's Doughnut Hole Among

Complex Patients

Principal Investigator: Yuting Zhang Zhang Role on Grant: PI (sole)
Years Inclusive: 2009 – 2011
Total Direct Costs: \$15,391

Funding Agency: Highmark Inc. Grant Number: Highmark2008

Title of Grant: Evaluate Economic and Clinical Effects of High-Deductible

Health Plan

Zhang Role on Grant: PI (multiple)
Years Inclusive: 2008 – 2009
Total Direct Costs: \$28,000

#### OTHER SCHOLARLY ACTIVITIES

#### **Editorial Board(s)**

4/2021 - present Advisory board, the Lancet – regional health west pacific,

https://www.thelancet.com/lanwpc/international-advisory-board

1/2018-Present Appointed statistical/methods reviewer, JAMA Network Open

Dec 2017 - Nov 2023 Editorial Board, Journal of Hospital Management and Health Policy

2015 – 2017 Academic Editor, PLOS ONE

2011 – Present Editorial board/Associate Editor, Journal of Mental Health Policy

and Economics

#### **Manuscript Reviewer**

2018-Present	Reviewer, JAMA Network Open
2015 - Present	Reviewer, Economics Letter
4/2014 - Present	Reviewer, New England Journal of Medicine
2014 - Present	Reviewer, Journal of Health Economics
2011 - Present	Reviewer, Medical Care
2010 – 2010	Reviewer, Statistics in Medicine
2010 – 2010	Reviewer, Journal of Policy Analysis and Management
2009 - Present	Reviewer, Health Services Research
2009 - 2010	American Journal of Pharmacy Benefits
2009 - Present	Reviewer, JAMA
2008 - Present	Reviewer, American Journal of Managed Care
2007 - Present	Reviewer, Health Affairs
2007	Journal of Aging and Health
2007 - 2009	Reviewer, Health Policy

#### **Grant Reviewer**

4/2019- Present	Member, Australian National Health and Medical Research Council
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Synergy Grants review panel

2012 – Present Scientific Reviewer, Patient-Centered Outcomes Research Institute

(PCORI)

10/2011 Reviewer, National Institute of Health, Health Services Organization

and Delivery (HSOD)

6/2011 - 6/2011 Reviewer, National Institute of Health Social Science Population

Studies (SSPS) Review Panel

2010 – Present Grant Reviewer, WPIC Research Committee - review grants to be

submitted to NIH

#### **Conference Planning & Review**

9/2020-7/2021 Programme chair for the field *Evaluation of policy*,

programs and health system performance at iHEA Congress in

2021

12/2012 - 12/2012	Reviewer, the 9th World Congress meeting of the International
	Health Economics Association (iHEA), Sydney, Australia
12/2011 - 12/2011	Reviewer, the 4th Biennial Conference of the American Society of
	Health Economists (ASHEcon), Minnesota, USA
12/2010 - 12/2010	Reviewer, the 8th World Congress meeting of the International
	Health Economics Association (iHEA), Toronto, Canada
12/2009 - 12/2009	Reviewer, 7th World Congress meeting of the International Health
	Economics Association

#### **INVITED PRESENTATIONS**

- Causal effects of health policies using new Australian national linkage data. Australian Treasury, Australian Center for Evaluation, Feb 12 2024, Melbourne, Australia
- Effects of a national checklist on recommended procedures, complications, and mortality among patients with type 2 diabetes. Asian and Australasian Society of Labour Economics (AASLE) 2023 Conference. Dec 7-9 2023. Taipei Taiwan.
- AIA Insurance showcase event, Nov 29 2023 (postponed to early 2024), Melbourne, Australia
- 4. Improving access and affordability: impact of bulk-bill incentives and Safety Net program in Medicare reforms, Monash Workshop on healthcare access and affordability, keynote speaker, Nov 20, 2023, Melbourne, Australia
- 5. An inclusive society: employment, ageing, and health. How can we improve Australia's private health insurance program. Outlook conference Bold ideas for a defining decade, co-organized by Melbourne Institute and the Australian, Nov 2 2023, Prime Minister, Treasury, several senators, ministers and opposition leaders attended this conference. Melbourne, Australia. From November 1-6, there were more than 370 mentions in the media across TV, radio, online publications, and printed newspapers. The potential audience reach was over 13.5 million people.
- 6. Role of health economics on improving women's healthy ageing. Women's health roundtable, Oct 19 2023. Melbourne Business School.
- 7. Evaluating Medicare programs and private health insurance policies. Centre for Applied Health Economics. Griffith University. Brisbane, Australia. Oct 17 2023.
- 8. Policy evaluations case studies on Medicare programs and private health insurance policies. Centre for the Business and Economics of Health (CBEH). University of Queensland. Brisbane, Australia. Oct 16 2023.
- 9. The Future of Healthcare Financing panel. Oct 2 2023, University of Newcastle VHEP, virtual event via zoom
- Effects of Medicare Pharmaceutical Benefits Schemes' Safety Net on medication use, Australian Health Economics Society meeting, Adelaide, Australia, Sept 22 2023
- Evaluating health policies using new national linkage data and causal analyses, Public Economic Forum, keynote speaker. Canberra, Australia, Sept 19 2023
- 12. Innovative data linkage to generate new economic evidence for cancer costs -

- a case study on colorectal cancer, Cancer Economics AHES Special Interest Group, Aug 29 2023
- 13. Australian healthcare system and case studies on evaluating pharmaceutical policies using real-world data, July 28 2023, virtual, 400 summer students globally, organized by the Xi'an JiaoTong University in China
- 14. Effects of a national quality checklist on health outcomes for patients with diabetes. Center for Health Economics, Monash Business School, Monash University. May 17, 2023, Melbourne, Australia
- 15. Effects of Private Health Insurance on Waiting Time in Public Hospitals, the 17<sup>th</sup> international conference of the Western Economic Association International (WEAI). April 13, 2023, Melbourne, Australia.
- 16. Effects of private health insurance on waiting time in public hospitals. The 43<sup>rd</sup> Australian Health Economics Society meeting, Brisbane, Australia, Sept 21, 2022.
- 17. "Private Health Insurance Design: Consumer Choices and Policy Challenges" invited by the Australian government Department of Health (DoH) to share my research findings and provide advice to DoH's recent reforms on private health insurance, online meeting, Canberra and Brisbane, Australia, June 9, 2022.
- 18. Private Health Insurance Design: Consumer Choices and Policy Challenges, 13<sup>th</sup> Workshop on the Economics of Health and Wellbeing, May 23-25, 2022 Hepburn Springs VIC, Australia
- Consumer choices and policy challenges in Australian private health insurance. The Melbourne Institute's Colloquium Seminar, <a href="https://www.youtube.com/watch?v=z3UuTodHzAs">https://www.youtube.com/watch?v=z3UuTodHzAs</a>; July 20, 2021; Melbourne, Australia
- 20. Impact of military services on later-life outcomes. Department of Veterans' Affairs, June 23, 2021; Canberra, Australia
- 21. Data-driven health policy making. Melbourne Centre for Data Science invited workshop. May 6, 2021; Melbourne, Australia
- 22. Taking the Pulse of the Nation: The Effect of COVID-19 on the Economics and Health of Australians. The Melbourne Institute's Virtual Colloquium; September 8. 2020: Melbourne, Australia
- 23. Invited as a mentor to speak at the AHES Speed Mentoring Workshop, July 30, 2020
- 24. Cost-sharing and mental health, School of Population and Global Health, Department of Economics, University of Western Australia, May 12, 2020, Perth, Australia (cancelled due to COVID-19)
- 25. Department of Economics, University of Western Australia, May 15, 2020, Perth, Australia (cancelled due to COVID-19)
- 26. Australia private health insurance, Department of Economics, Deakin University, June 5, 2020, Melbourne, Australia (cancelled due to COVID-19)
- 27. 11<sup>th</sup>Australasian Workshop on Econometrics and Health Economics, April 20, 2020, Sydney, Australia (cancelled due to COVID-19)
- 28. Evidence-based health policy: leveraging large linkage data. Department of Economics, University of Melbourne. Feb 25, 2020, Melbourne, Australia
- 29. Data-driven Policy Making: Using DVA Data to Improve Veterans' Wellbeing, Department of Veterans' Affairs, Nov 25, 2019, Canberra, Australia
- 30. Keynote speaker, 12th Research Symposium for Chinese PhD Students and Scholars in Australia organized by the Chinese Association of Professionals

- and Scholars, Evidence-based Health Policy Making: Leveraging Large Healthcare Linkage Data. Nov 30, 2019, Melbourne, Australia
- 31. National University of Singapore, Department of Economics, How do patients with mental disorders respond to complex health insurance cost-sharing design. Oct 17, 2019, Singapore
- 32. Keynote speaker, International conference on healthcare system reform: Improving pharmaceutical policy and practice, September 27, 2019; Xi'an, China
- 33. Patient-Centred, value-based healthcare. May 9, 2019, Melbourne, Australia
- 34. Department of Economics, University of Melbourne. Evidence-based health policy: leveraging large linkage data. April 5, 2019, Melbourne, Australia
- 35. Australian Mental health workshop. Anticipatory behavior in response to patient out-of-pocket spending. Feb 12, 2019; Werribee, VIC, Australia
- 36. Evidence-based health policy making: leveraging large healthcare linkage data. 2018 CPMD Workshop on Banking, Health and Education by University of Technology Sydney. Nov 23, 2018, Sydney, Australia
- 37. Zhang Yuting. Estimating causal effects of health policies using longitudinal insurance data. July 5, 2018; Graduate School of Public Health, Fudan University, Shanghai, China
- 38. Zhang Yuting. Factors Affecting Australian General Practitioners' Decisions to Adopt New Prescription Drugs. Australian Commonwealth Department of Health; September 2017; Canberra, Australia
- 39. Zhang Yuting. Estimating causal effects of health policies using large datasets. May 11, 2017; Melbourne Institute of Applied Economics and Social Studies, Faculty of Business and Economics, University of Melbourne, Melbourne, Australia
- 40. Zhang Yuting. Estimating causal effects of health policies. April 27, 2017; School of Population and Global Health, University of Melbourne, Melbourne, Australia
- 41. Zhang Yuting. Improving pharmaceutical policy, prescribing and use. March 29 2017; Monash Business School, Monash University, Melbourne, Australia.
- 42. Zhang Yuting. Improving pharmaceutical policy, prescribing and use. March 16 2017; University Technology Sydney, Sydney, Australia
- 43. Zhang Yuting. Updates on Healthcare Reforms and Implications for Hospitals. 2015 Jul 8-9; XiangYa 3rd Hospital, Changsha, Hunan.
- 44. Zhang Yuting. Improving Pharmaceutical Policy, Prescribing, and Use. 2015 Jun 18; School of Pharmacy, Huazhong University of Science and Technology in China.
- 45. Zhang Yuting. How to model healthcare data. 2015 Jun; Tongji Medical College of Huazhong University of Science and Technology in China.
- 46. Zhang Yuting. Updates on US healthcare reforms and China's new healthcare reform. 2015 Jul 16; Tongji Medical College of Huazhong University of Science and Technology in China.
- 47. Zhang Yuting. Causal inference in healthcare empirical research. 2015 Jun; Tongji Medical College of Huazhong University of Science and Technology in China.
- 48. Zhang Yuting. Using Statistical Models to Optimize Medication Use. Presented at: Department of Biostatistics; 2013 Oct 24; University of Pittsburgh.
- 49. Zhang Yuting. Optimizing Medication Use. Presented at: St Vincent's Clinical

- School, The University of New South Wales; 2013 Jul 9; Sydney, Australia.
- 50. Zhang Yuting. US Healthcare Reforms and Insights for China Healthcare Reform. Presented at: Wuhan University; 2013 Jun 26; Wuhan, China.
- 51. Zhang Y. US Healthcare Reforms and Collaborative Opportunities in China. 2013 Jun 21; Tongji Medical College of Huazhong University of Science and Technology in China.
- 52. Zhang Yuting. Economic Evaluations of Health Policy. Presented at: Tongji Medical College of Huazhong University of Science and Technology in China; 2013 Jun 20-27; Wuhan, China.
- 53. Zhang Y. How to publish in top-tiered medicine journals. 2013 Jun 13; Peking University.
- 54. Zhang Yuting. Economic Evaluation of Medicare Part D. Presented at: Peking University; 2013 Jun 13; Beijing, China.
- 55. Zhang Y. Geographic variation in US Medicare Spending. 2013 May 30; Peking University.
- 56. Zhang Yuting. Comparing local and regional variation. Presented at: Institute of Medicine; 2012 Jun; Washington DC.
- 57. Zhang Yuting. Geographic variation in pharmacy spending. Presented at: Institute of Medicine closed session committee meeting; 2012 Mar 23-25; San Francisco.
- 58. Zhang Yuting. Racial disparity in medication use. Presented at: Duquesne University School of Pharmacy research seminar; 2011 Dec; Pittsburgh.
- 59. Zhang Yuting. Pharmacy benefit design. Presented at: Center for Research on Health Care, University of Pittsburgh; 2011 Nov; Pittsburgh.
- 60. Zhang Yuting. Introduction to Global Health "Health, Education, Economics". Presented at: Introduction to Global Health; 2011 Sep; Pittsburgh.
- 61. Zhang Yuting. Pharmaceutical policy & economics. Presented at: University of Georgia Pharmacy Ground Rounds; 2011 Sep; Athens, GA.
- 62. Zhang Yuting. Pharmaceutical policy & economics. Presented at: Tongji Medical College of Huazhong University of Science and Technology in China; 2011 Aug; Wuhan, China.
- 63. Zhang Yuting. Geographic variation in health care prescribing and promotion of high-value care. Presented at: Institute of Medicine closed session committee meeting; 2010 Nov-Jun; Washington DC.
- 64. Medicare Part D and Future Research. Presented at: Invited presentation to the GSPH Board of Visitors representing the best of the scholarship and research conducted at GSPH; 2009 Oct; University of Pittsburgh.
- 65. Impact of Medicare Part D on pharmacy and medical spending Effects of Coverage gap. Presented at: Invited special seminar to senior advisors at the Centers for Medicare & Medicaid Services; 2008 Jun; Washington DC.

#### OTHER SELETED COFERENCE PODIUM PRESENTATIONS

- 66. Karinna Saxby, Yuting Zhang, Dennis Petrie, Amal Trivedi, and Zoe Aitken. The impact of targeted healthcare reform on mortality: Evidence from Australia's Indigenous Practice Incentives Program. Australian Health Economics Society meeting, Adelaide, Australia, Sept 22 2023
- 67. Ou Yang, Yuting Zhang, Fanny Franchini, Judith Liu, Richard To, and

- PRIMCAT team. Factors affecting treatment costs for colorectal cancer. Australian Health Economics Society meeting, Adelaide, Australia, Sept 22 2023
- 68. Scott Barkowski, Dajung Jun, and Yuting Zhang, The Effect of the Medicaid Expansion on Medicare Beneficiaries. 2022 ASHEcon Conference. June 26 29, 2022; Austin, TX, USA.
- 69. Nathan Kettlewell, Yuting Zhang, Age penalties and take-up of private health insurance. 11<sup>th</sup> Australasian Workshop on Econometrics and Health Economics. April 20-22, 2022 (oral presentation); Sydney, Australia
- Judith Liu, and Yuting Zhang. Elderly Responses to Private Health Insurance Incentives: Evidence from Australia. 11<sup>th</sup> Australasian Workshop on Econometrics and Health Economics. April 20-22, 2022 (oral presentation); Sydney, Australia
- 71. Nathan Kettlewell, Yuting Zhang. Age penalties and take-up of private health insurance. Australian Health Economics Society, Sept 21 2021 (virtual meeting; oral presentation)
- 72. Maxim Ananyev, Jongsay Yong, Yuting Zhang. Effect of Lifetime Health Cover Policy in Australia on Private Hospital Use. International Health Economics Association (iHEA) conference, July 12-15 2021 (virtual meeting; oral presentation)
- 73. Judith Liu, Cameron Kaplan, Yuting Zhang. How Do Older Adults with Mental Disorders Respond to Complex Cost-Sharing Design? International Health Economics Association (iHEA) conference, July 12-15 2021 (virtual meeting; e-poster)
- 74. Judith Liu and Yuting Zhang. Effects of Private Health Insurance Incentives on the Take-up Among the Elderly in Australia. International Health Economics Association (iHEA) conference, July 12-15 2021 (virtual meeting; e-poster)
- 75. Federico Zilio, Ross Hickey, Ted McDonald, Eric Sun, Yuting Zhang. Health Shocks and Household Allocation of Time and Spending. International Health Economics Association (iHEA) conference, July 12-15 2021 (virtual meeting; e-poster)
- 76. Judith Liu, Yuting Zhang, Cameron Kaplan. Impact of the Medicare Part D Coverage Gap Closure and Generic Entry on Medication Use. 11<sup>th</sup> Workshop on the Economics of Health and Wellbeing, Feb 17-19 2020. Melbourne, Australia
- 77. Judith Liu, Yuting Zhang, Cameron Kaplan, How do Medicare beneficiaries respond to complex cost-sharing strategies. June 9 2020 ASHEcon Conference in St. Louis, MO, USA
- 78. Dajung Jun, Yuting Zhang, The Effect of the Medicaid Expansion on Medicare Beneficiaries, June 9 2020 ASHEcon Conference in St. Louis, MO, USA
- 79. Wendy He, Yuting Zhang, Inma Hernandez. Mining Longitudinal Real-World Data to Identify Risk Factors for Cardiovascular Events Related to Anti-Dementia Medications. The Joint Statistical Meetings. Denver, Colorado, USA. July 30, 2019 (poster)
- 80. Zhiyuan Hou, Fei Yan, Hong Gao, Wei Wang, Donglan Zhang, Yuting Zhang. The Effect of Off-Site Health Insurance on Actual Use of and Forgone Medical Care: Evidence from a National Survey in China. International Health Economics Association meeting. Basel Switzerland. July 16, 2019.
- 81. Siying Liu, Yuting Zhang. Physician Counseling and Obesity: Regression

- Discontinuity Evidence from The Medicare Intensive Behavioral Therapy Program. American Public health association meeting. San Diego USA, Nov 14, 2018
- 82. Hernandez I, He M, Zhang Y. Dose-Response Association between Concurrent Opioid and Benzodiazepine Use and Risk of Opioid-Related Overdose. Poster Presentation at International Society for pharmacoeconomics and Outcomes Research. 23<sup>rd</sup> Annual International Meeting 2018. Baltimore, MD, USA. May 23, 2018
- 83. Hernandez I, He M, Zhang Y. Exposure-Response Association between Concurrent Opioid and Benzodiazepine Use and Risk of Opioid-Related Overdose. Poster Presentation at Academy Health 2018 Annual Research Meeting. Seattle, WA, USA. June 24, 2018.
- 84. Zhang Yuting, Susan J. Méndez, Anthony Scott. Factors Affecting General Practitioners' Decisions to Adopt New Prescription Drugs. Australian Health Economics Society; September 21 2017; Sydney, Australia
- 85. Zhang Yuting, Susan J. Méndez, Anthony Scott. Factors Affecting General Practitioners' Decisions to Adopt New Prescription Drugs. Health Services Research Association of Australia and New Zealand; November 1 2017; Gold Coast, Australia
- 86. Driessen Julia, Zhang Yuting. Effects of Medicare Shared Savings Program on Pharmaceutical Use. International Health Economics Association world congress; July 2017; Boston, USA.
- 87. Cole Evan, Leighton Cassandra, Zhang Yuting. Distribution of Primary and Specialty Care Visits in Medicare Shared Savings Accountable Care Organizations. AcademyHealth; June 2017; USA
- 88. Zhang Yuting, Kaplan C, Baik SH, Chang CC, Lave J. Medication Adherence and Readmission in Medicare Myocardial Infarction. Presented at: International Health Economics Association world congress; 2013 Jul 7-10; Sydney, Australia.
- 89. Zhang Yuting, Zhou C, Baik SH. Opt In or Opt Out Medicare Part D LIS Beneficiaries' Reaction Toward Random Assignment. Presented at: AcademyHealth; 2013 Jun 25; Baltimore, MD.
- 90. Kaplan C, Zhang Y. Anticipatory Effects of Nonlinear Design Features of the Medicare Prescription Drug Benefit. Presented at: AcademyHealth; 2013 Jun 25; Baltimore, MD.
- 91. Zhang Yuting. Behavioral Responses to Nonlinear Insurance Prices, Chair and Organizer. Presented at: American Economic Association and Allied Social Science Associations (AEA/ASSA) annual meetings; 2013 Jan; San Diego, USA.
- 92. Zhang Yuting. Plan Choice and Switching Costs in Health Insurance Market. Presented at: Chair and Organizer, American Economic Association and Allied Social Science Associations (AEA/ASSA) annual meetings; 2013 Jan; San Diego, USA.
- 93. Zhou C, Zhang Yuting. Measuring the switching cost in health insurance markets: evidence from Medicare Part D. Presented at: National Bureau of Economic Research (NBER), Summer Institute; 2012 Jul 26; Cambridge, MA.
- Zhou C, Zhang Yuting. Exploring the Learning Experience of Medicare Part D -Quantifying Switching Costs. Presented at: AcademyHealth; 2012 Jun 26; Orlando, FL.

- 95. Zhou C, Zhang Yuting. Exploring the Learning Experience of Medicare Part D. Presented at: American Society of Health Economists; 2012 Jun 10-13; Minneapolis/St. Paul Minnesota, MN.
- 96. Kaplan C, Zhang Yuting. Assessing the Comparative-Effectiveness of Antidepressants Commonly Prescribed for Depression in the Medicare Population. Presented at: American Society of Health Economists; 2012 Jun 10-13; Minneapolis/St. Paul Minnesota, MN.
- 97. Kaplan C, Zhang Yuting. The January Effect: Medication Discontinuation and Re-Initiation among Medicare Part D Beneficiaries. Presented at: American Society of Health Economists; 2012 Jun 10-13; Minneapolis/St. Paul Minnesota, MN.
- 98. Zhang Yuting, Baik SH, Chang CC, Kaplan C, Lave J. Variations in Medication Adherence among Medicare Myocardial Infarction Survivors. Presented at: American Society of Health Economists; 2012 Jun 10-13; Minneapolis/St. Paul Minnesota, MN.
- 99. Zhang Yuting. The effects of Medicare Part D coverage gap on medication use. Presented at: International Health Economics Association (iHEA); 2011 Jul 12; Toronto, Canada.
- 100.Baik SH, Rollman BL, Reynolds CF, Lave J, Smith KJ and pittsburgh, Zhang Yuting. Coverage Gap and High Medication Costs Among Medicare Beneficiaries With Coexisting Chronic Conditions. Presented at: AcademyHealth; 2011 Jun; Seattle WA.
- 101.Zhang Y, Men A, Wang W, Day B, Lave JR. The Impact of High-Deductible Health Plan on Medical Care Spending. Presented at: AcademyHealth annual international meeting; 2011 Jun; Seattle WA.
- 102.Zhang Yuting, Baik SH, Zhou L, Lave J. Medicare Part D's coverage gap and mental health. Presented at: American Psychiatric Association; 2011 May; Honolulu, Hawaii.
- 103. Zhang Yuting, Newhouse J, Baiker K. Are Drugs Substitutes or Complements for Intensive (and Expensive) Medical Treatment? Presented at: American Economic Association and Allied Social Science Associations (AEA/ASSA) annual meetings; 2011 Jan 7-9; Denver, CO.
- 104. Zhang Yuting, Baik SH, Zhou L, Lave J. Medicare Part D's coverage gap and depression. Presented at: 15th NIMH Biennial Research Conference on the Economics of Mental Health: Comparative Effectiveness and Mental Health Care Financing; 2010 Sep 27-28; Washington DC.
- 105.Zhang Y. The impact of US Medicare prescription drug coverage gap on medication use and spending. Poster presented at: ISPOR 4th Asia-Pacific conference; 2010 Sep; Phuket, Thailand.
- 106.Zhang Y. Geographic correlation between Medicare pharmacy and medical spending. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 4th Annual Asia-Pacific Conference; 2010 Sep; Phuket, Thailand.
- 107.Zhang Y, Zhou L, Gellad W. Potential Savings from Broad Use of \$4 Generic Drugs: 2007 Medical Expenditure Panel Survey. Presented at: AcademyHealth annual international meeting; 2010 Jun 27-29; Boston, MA.
- 108. Donohue JM, Marcum Z, Zhang Y, Men A, Gellad W, Lave JR, Hanlon JT. Medicare Part D's Impact on Use of High Risk Medications among Older Adults. Presented at: AcademyHealth annual international meeting; 2010 Jun

- 27-29; Boston, MA.
- 109.Zhang Y. Comparing potential strategies to eliminating Medicare Part D's Coverage gap. Poster presented at: AcademyHealth annual international meeting; 2010 Jun 27-29; Boston, MA.
- 110.Zhang Y, Lave J, Men A, Day BW, Wang W. Employee Choice of a High Deductible Health Plan Across Multiple Employers. Poster presented at: AcademyHealth annual international meeting; 2010 Jun 27-29; Boston, MA.
- 111.Zhang Y, Men A, Wang W, Day B, Lave JR. The Impact of High-Deductible Health Plan on Medical Care Spending. Presented at: AcademyHealth annual international meeting; 2010 Jun 27-29; Boston, MA.
- 112.Zhang Y, Men A, Wang W, Day B, Lave JR. The Impact of High-Deductible Health Plan on Medical Care Spending. Presented at: American Society of Health Economists; 2010 Jun; Cornel, Ithaca, New York.
- 113.fconfZhang Y. Comparing potential strategies to eliminating Medicare Part D's Coverage gap. Poster presented at: American Society of Health Economists; 2010 Jun; Cornel, Ithaca, New York.
- 114.Zhang Y. Comparing potential strategies to eliminating Medicare Part D's coverage gap. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 15th Annual International Meeting; 2010 May; Atlanta, Georgia.
- 115.Zhang Y, Zhou L, Gellad W. Potential savings from broad use of \$4 generic drugs: 2007 Medical Expenditure Panel Survey. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 15th Annual International Meeting; 2010 May; Atlanta, GA.
- 116. Donohue JM, Zhang Y, Gellad W, Lave JR, Hanlon JT. Impact of Expanding Pharmacy Benefits on Treatment of Congestive Heart Failure: the case of Medicare Part D. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 12th Annual European Congress; 2009 Oct; Paris, France.
- 117.Zhang Y, Lave JR, Newhouse JP, Donohue JM. Distribution of Out-of-Pocket Pharmacy Spending among the Elderly Before and After Medicare Part D Prescription Benefits. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 12th Annual European Congress; 2009 Oct; Paris, France.
- 118.Donohue JM, Zhang Y, Huskamp HA, Gellad W, Safran D. Use of free medicine samples, doctor patient communication and cost-related nonadherence among older adults. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 12th Annual European Congress; 2009 Oct; Paris, France.
- 119. Donohue JM, Zhang Yuting, Lave J, Reynolds CF. Medicare Part D and Treatment of Depression Among Older Adults. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 12th Annual European Congress; 2009 Oct; Paris, France.
- 120.Zhang Y, Lee BY, Donohue JM. The Impact of Medicare Prescription Drug Benefit on Antibotic Medication Use. Presented at: International Health Economics Association; 2009 Jul; Beijing, China.
- 121.Zhang Y, Donohue JM, Lave JR. Value-Based Cost-Sharing for Antihypertensive Medications. Poster presented at: AcademyHealth; 2009 Jun; Chicago, IL.

- 122. Zhang Y, Lave J, Donohue JM, Fischer MA, Chernew ME, Newhouse JP. The Impact of Medicare Prescription Drug Benefit on Medication Adherence and Use of Medical Care Services. Poster presented at: AcademyHealth; 2009 Jun; Chicago, IL.
- 123.Zhang Y, Lave J, Newhouse JP, Donohue JM. Distribution of Out-of-Pocket Pharmacy Spending among the Elderly Before and After Medicare Part D Prescription Benefits. Presented at: AcademyHealth; 2009 Jun; Chicago, IL.
- 124.Zhang Y, Donohue JM, Lave J, Gerald O'Donnell G, Newhouse JP. The Impact of Medicare Part D on Pharmacy and Medical Spending. Presented at: 7th European Conference on Health Economics; 2008 Jul; Roma, Italy.
- 125.Zhang Y, Donohue JM, Lave J, Gerald O'Donnell G, Newhouse JP. The Medicare Part D Prescription Benefts: Evidence on Medication Use Patterns, Hospitalization Rates and Medical Spending. Presented at: Academy Health Annual Meeting; 2008 Jun; Washington, DC.
- 126.Zhang Y, Adams AS, Ross-Degnan D, Zhang F, Soumerai SB. Economic and Clinical Impacts of Prior Authorization for Antipsychotic and Anticonvulsant Medications among Medicaid Beneficiaries with Bipolar Disorder. Presented at: Academy Health Annual Meeting; 2008 Jun; Washington, DC.
- 127.Zhang Y, Adams AS, Ross-Degnan D, Zhang F, Soumerai SB. Economic and Clinical Impacts of Prior Authorization for Antipsychotic and Anticonvulsant Medications among Medicaid Beneficiaries with Bipolar Disorder. Presented at: American Society of Health Economists; 2008 Jun; Chapel Hill, North Carolina.
- 128.Zhang Y, Donohue JM, Lave JR, Gerald O'Donnell G, Newhouse JP. Evidence on Medication Use Patterns, Hospitalization Rates and Medical Spending. Presented at: American Society of Health Economists; 2008 Jun; Chapel Hill, North Carolina.
- 129.Zhang Y, Donohue JM, Lave JR, O'Donnell G, Newhouse JP. The Impact of the Medicare Part D Prescription Benefits on Pharmacy and Medical Care Expenditures. Presented at: Best New Investigator Podium Presentation Award at the ISPOR 13th Annual International Meeting; 2008 May; Toronto, Canada.
- 130.Zhang Y, Adams AS, Ross-Degnan D, Zhang F, Soumerai SB. Economic and Clinical Impacts of Prior Authorization for Antipsychotic and Anticonvulsant Medications among Medicaid Beneficiaries with Bipolar Disorder. Presented at: Society of General Internal Medicine, Finalist for the Hamolsky award; 2008 Apr; Pittsburgh, PA.

#### **TEACHING**

#### **Graduate Courses**

Year(s)	Course Number & Title	Role
2002	Empirical Methods and Statistics for	Course Assistant for
	Managers (Statistics for Program	Prof. Richard Light
	Management)	
2004	Markets and Market Failure (Applied	Teaching fellow for
	Microeconomics)	Prof. Alan Durell

2005	Financial Modeling	Teaching fellow for Prof. Miranda Lam
2005	Introduction to Econometrics	Head teaching fellow for Prof. Samuel Thompson
2006	Financial Modeling	Teaching fellow for Prof. Miranda Lam
2006	Corporate Finance	Teaching fellow for Prof. Efraim Benmelech
2007	Financial Modeling	Teaching fellow for Prof. Miranda Lam
2007	Corporate Finance	Teaching fellow for Prof. Efraim Benmelech
2008 - 2011	HPM 2125, Health Economics	Primary Instructor
2009	HPM 2821, Current Topics in Health Economics	Session Lecturer
2010	HPM 2821, Current Topics in Health Economics	Session Lecturer
2011 - Present	HPM3505, Empirical Microeconomics with Applications for Healthcare Research	Primary Sole Instructor
1/7/2013 - 4/27/2013	HPM - 3505 - 22412, ADV EMP MICRO MTH APP HLTH RES	Primary Instructor
1/6/2014 - 4/26/2014	HPM - 2037 - 21311, ESSAY-HA	Primary Instructor
1/6/2014 - 4/26/2014	HPM - 3505 - 21509, ADV EMP MICRO MTH APP HLTH RES	Primary Instructor
1/5/2015 - 4/25/2015	HPM - 3505 - 20796, ADV EMP MICRO MTH APP HLTH RES	Primary Instructor
8/31/2015 - 12/19/201	5 HPM - 3505 - 29764, ADV EMP MICRO MTH APP HLTH RES	Primary Instructor

# Precepting/Experiential

Year(s)	Course Number & Title	Role
1/2014 - 5/2014	First experience in Research	Primary Instructor

# **MENTORING AND ADVISING**

# **Undergraduate Students**

Year(s)	Student's Name &	Role
	Department/Degree/Discipline	
8/2014 - 6/2015	Kritika Kulkarni	Research Mentor
	drug price variation	
1/6/2014 - Present	Hana Hueser	Research Mentor
1/6/2014 - 4/26/2014	Jai Vekeria	Research Mentor
	plan choice on health insurance exchanges	3

1/6/2014 - 4/26/2014	Andre LeBrun	Research Mentor
	Cancer drugs	
1/6/2014 - 4/26/2014	Chandni Patel	Research Mentor
	Cancer drugs	
1/6/2014 - 4/26/2014	Marsha Stamatakis	Research Mentor
	Interprofessional collaborative practice	

# **Master's Students**

Year(s)	Student's Name & Department/Degree/Discipline	Role
8/2014 — 8/2015	Victor Talisa Biostatistics, University of Pittsburgh (8/2015)	Research Advisor, thesis committee member
1/2014 – 4/2015	Qianheng Ma Biostatistics, University of Pittsburgh (4/2015) China Rural Health Insurance	Research mentor
10/1/2013 - 4/30/2014	Yijiong Yang (4/2014), University of Pittsburgh Economic analysis of accountable care organizations	Primary Academic Advisor
6/2011 - 8/2011	Marina Masaki Statistics, Carnegie Mellon University MS (2011)	Research Advisor
5/2011 - 8/2011	Chris Confer, University of Pittsburgh MA (2012)	Research Advisor
4/2010 - 8/2010	Qing Li, University of Pittsburgh MS (2011)	Research Advisor
3/2010 - 2/2011	Yi-Jen Li, University of Pittsburgh MS (4/2010)	Research Advisor
2009 – 2010	Lei Zhou Biostatistics, University of Pittsburgh MS (2010)	Research Advisor and Thesis Committee member

# **Doctoral Students**

Year(s)	Student's Name & Department/Degree/Discipline	Role
8/2015 — 8/2016	Fatih Cakmak Health Policy & Management, University of Pittsburgh	Primary Advisor
5/2015 – Present	Siying Liu Economics, University of Pittsburgh (expected 6/2017) Evaluating the policy effects on preventive care use	Research mentor

1/2016 – Present	Ricky Svoboda Economics, University of Pittsburgh (expected 6/2017) Medicare new delivery and payment system	Research mentor
9/2014 - Present	Lulu Liu Economics, University of Pittsburgh (expected 6/2017) insurance effects on entrepreneurship	Research Mentor, Dissertation Committee Member
2/2014 – 6/2015	Xiaoxi Zhao Economics, University of Pittsburgh (expected 6/2017)	Research mentor
2014 – 6/2016	Conor Lennon Economics, University of Pittsburgh (expected 2016) effects of mandated health insurance on labor market	Dissertation Committee Member
2014 - Present	Mondira Ray School of Medicine, University of Pittsburgh (expected 2018) policy and variation in cancer treatment	Primary research n mentor
9/2013 — 8/2015	Johanna Steenrod Bellon Health Policy & Management PhD (8/2015) Interprofessional Practice - Processes and Context	Dissertation Committee member
8/2013 – 7/2015	Inmaculada Hermandez Delso Health Policy & Management, University of Pittsburgh (expected 2016) Pharmaceutical policy and economics	Primary Academic Advisor, Dissertation Committee Chair
6/2011 - 10/2011	Mark Bender, Economics, University of Pittsburgh	Research Advisor
1/2010 - 8/2010	Yan Tang Health Policy & Management, University of Pittsburgh	Academic Advisor

Year(s)	Student's Name & Department/Degree/Discipline
1/2015 - 7/2015	Dingxin Qin, MD School of Medicine, University of Pittsburgh Medication treatment of Atrial Fibrillation
5/25/2013 - 6/2014	Zhiyuan Hou, PhD Peking University
8/2011 - 6/2013	Cameron Kaplan, PhD Health Policy & Management, University of Pittsburgh
8/2011 - 6/2013	Chao Zhou, PhD Health Policy & Management, University of Pittsburgh
8/2010 - 6/2015	Seo Hyon Baik, PhD Health Policy & Management, University of Pittsburgh
Mentored Faculty	
<b>Year(s)</b> 12/2017 - present	Faculty Member's Name & Department/Degree/Discipline Jie Chang, PhD School of Pharmacy, Center for Drug Safety and Policy Research Xi'an Jiaotong University, China
8/2016 — 8/2018	Inmaculada Hermandez Delso School of Pharmacy, University of Pittsburgh Pharmaceutical outcome research
5/2015 – 5/2016	Wenxi Tang China Pharmaceutical University Pharmaceutical economics and health policy
2/2015 – 2/2018	Julia Driessen Health Policy & Management, University of

Pittsburgh

Zhiyuan Hou Fudan University Chinese health policy

8/2014 - 6/2018

2014 - 2018

Health economics

Cameron Kaplan

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Assistant Professor, The University of Tennessee, Memphis Health Science

Center

**Health Economics** 

10/2013 – 2016 Hongxia Gao

Huazhong University of Science and

Technology

China Rural Health Policy

2012 – 2015 Shiwei Gong

Huazhong University of Science and

Technology

Pharmaceutical policies

#### **SERVICE**

# Service to Internal Organizations Department Committees

1/2020-present	Member, Melbourne Institute Advisory Board
1/2021	Acting director for the Melbourne Institute
1/2020-12/2022	Member, Executive Council, Melbourne Institute
2018-Present	Senior leadership team, Melbourne Institute, Faculty of Business &.
	Economics, University of Melbourne
2018-2021	Faculty search committee, Melbourne Institute
2011 – 2018	Member, Doctoral program comprehensive exam committee, University of Pittsburgh
2010 – 2018	Member, Doctoral program admission committee, University of Pittsburgh
2009 – 2018	Member, Doctoral program curriculum committee, University of Pittsburgh

# **Faculty/University Committees**

1/2020-Present Member, Faculty Appointments and Promotions (FAPC), Faculty of Business and Economics, U	
Melbourne	·
2/2021-present Triennial performance review panel member to	review about 25
faculty members each year ranking from Level	B to E in the
Department of Economics, University of Melbou	urne
2021-present Investigator, Melbourne Centre for Data Science	e, University of
Melbourne	
2020-present Disability Community of Practice, University of I	Melbourne
1/2019-1/2020 Member, Faculty Research Committee, Faculty	of Business and
Economics, University of Melbourne	
8/2015 – 6/2018 Member, Faculty Appointment, Promotion, and	Tenure Committee,
Graduate School of Public Health, University of	Pittsburgh

2011 – 6/2018	Member, Planning and Budget Policies Committee, Graduate
	School of Public Health, University of Pittsburgh
2010 – 6/2018	ad hoc grant reviewer, Center for Health Care Research, University of Pittsburgh
4/2009 – 6/2018	Juror, Dean's Day, Graduate School of Public Health, University of Pittsburgh

# **Service to External Organizations**

# **Public Policy and Programs**

1/2019-Present	Advisor (unpaid), Value-based Health Care advisory group at the Victoria Department of Health and Human Services, Australia
2018 -Present	Member, Melbourne Economic Forum
12/2014 - 3/2015	Consulting Advisor, Centers for Medicare & Medicaid Services
2014 – 2018	Technical Reviewer, Workers Compensation Research Institute
2011 – 2012	Technical Expert, Panel for the Centers for Medicare & Medicaid
	Services, Center for Strategic Planning, Policy and Data Analysis
	Group
12/2010 - 12/2010	Report reviewer, The Medicare Payment Advisory Commission (MedPAC)
9/2010 - 12/2012	Unpaid Consultant, Institute of Medicine's Committee on
	Geographic Variation in Health Care Spending and Promotion of High-Value Care
6/2008 - 6/2008	Expert, Invited special advisory session on Medicare Part D design to senior advisors at the Centers for Medicare & Medicaid Services

# **Professional Practice**

2021-present 2021-	Assessor for grant applications, Australian Research Council Economics of Genomics and Precision Medicine (Econ-Omics) interest group member, the International Health Economics Association (iHEA)
1/2013	Chair and Organizer, "Plan Choice and Switching Costs in Health Insurance Market" at the American Economic Association and Allied Social Science Associations (AEA/ASSA) annual meetings, San Diego, USA
7/2011	Chair, "Access to Drugs" session at the International Health Economics Association (iHEA), Toronto, Canada
7/2011	Chair, "Generic Drugs" session at the International Health Economics Association (iHEA), Toronto, Canada
7/2011	Chair, "Geographic Inequality" session at the International Health Economics Association (iHEA), Toronto, Canada
6/2010	Chair, American Society of Health Economists (ASHE) session "Drug Cost"
6/2010	Co-Chair, AcademyHealth

# **International External Committees**

June 2021-present Member, Nominating Committee for the upcoming Director and

	Presidential elections for the International Health Economics Association (iHEA)
1/2023-12/2024	Co-chair, the Arrow Award Committee, the International Health Economics Association (iHEA), highest award in health economics, which awards an annual prize in honour of Nobel Laureate Kenneth Arrow for the best paper in the field of health economics
1/2021-12/2022	Member, the Arrow Award Committee, the International Health Economics Association (iHEA), highest award in health economics
2021	Programme chair in the evaluation of policy, programs and health system performance for the International Health Economics Association Congress 2021
2023	Programme chair in the evaluation of policy, programs and health system performance for the International Health Economics Association Congress 2023
2019-present	Founding Member, COAS, International Consortium Against the overuse of Opioids in Surgery
2012 – 2014	Scientific Committee Member, European Conference on Health Economics Scientific Committee
2011 – 2015	Scientific Committee Member, American Society of Health Economists (ASHEcon)
2009 – 2015	Scientific Committee Member, the International Health Economics Association