

Jessica Bing Ying Poon

Kaiser Permanente Division of Research

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Current Position

Delivery Science Fellowship Program 2019-Present
Research Fellow

Education

University of California, Berkeley 2015-2019
PhD, Health Policy Program, Organization and Management Track
Dissertation: Multilevel Pathways to Patient-Centered Care
Dissertation Committee: Stephen Shortell (chair), Hector Rodriguez, Maya Petersen

University of California, Berkeley 2006-2011
BA, Department of Integrative Biology with Honors
BA, Department of Philosophy

Awards

American Society of Preventive Oncology
Impact Award 2021

Graduate Division at UC Berkeley
Outstanding Graduate Student Instructor Award 2019

Agency for Healthcare Research and Quality
T32 Training Grant 2017-2018
T32 Training Grant 2015-2016

Patient-Centered Outcomes Research Institute
Trainee Scholarship 2017

Research

Delivery Science Fellowship Program 2019-Present
Research Fellow

Center for Healthcare Organizational and Innovation Research at UC Berkeley
Graduate Student Researcher 2015-2019

Health Outcomes Group at Memorial Sloan Kettering Cancer Center
Consultant 2016
Data Analyst 2012-2015

Teaching

Center for Healthcare Organizational and Innovation Research at UC Berkeley
Mentor 2018-2019

Organizational Behavior and Management in Health Care at UC Berkeley
Graduate Student Instructor 2017-2018

Stem Cell and Society at UC Berkeley
Assistant Facilitator 2007-2008

Service

Kaiser Permanente Northern California Mental Health Advocate	2020-Present
California Renters Legal Advocacy and Education Fund Volunteer	2019-Present
School of Public Health Student Government at UC Berkeley Policy Advisory Council	2018-2019
Health Policy Program Representative	2018-2019
Health Policy Program at UC Berkeley Executive Committee	2018
Social Committee	2016-2018

Invited Speaking Engagements

Division of Research at Kaiser Permanente Structural Biases in Quantitative Methodology	2021
Health Policy Landscape	2021
Negotiation Frameworks	2021
School of Public Health at UC Berkeley Advisory Panel at Student Visit Day	2019
Beyond Academia at UC Berkeley Advisory Panel at What I Wish I Did in Grad School	2018
School of Public Health at UC Berkeley Master of Ceremony at Orientation Day	2017

Podium Presentations

- Poon BY**, Kroenke CH, Hillyer GC, Lamerato LE, Stewart AL, Neugut AI, Hershman DL, Kushi LH. Patient Experience of Interpersonal Processes of Care and Subsequent Utilization of Hormone Therapy for Non-Metastatic Breast Cancer. *American Society of Preventive Oncology*. 2021
- Poon BY**, Shortell SM, Rodriguez HP. Pathways to Shared Decision-Making for Adult Patients with Diabetes and Cardiovascular Disease. *NRSA Research Trainees Conference - Plenary*. 2018
- Rodriguez HP, **Poon BY**, Wang E, Shortell SM. The Impact of Patient Engagement and Relational Coordination on Improved Patient-Centered Outcomes of Care in ACO-Affiliated Practices. *AcademyHealth Annual Research Meeting*. 2018
- Poon BY**, Rodriguez HP, Shortell SM. Communication and Participation: Patients as Team Members. *School of Nursing and the Samuel Merritt University Community Learning Series*. 2017
- Poon BY**, Rodriguez HP, Shortell SM. The Influence of Team Participation and Relational Coordination on Patients' Experience of Chronic Illness Care in Primary Care Practices of ACOs. *AcademyHealth Annual Research Meeting*. 2017
- Poon BY**, Shortell SM, Rodriguez HP. Are Medical Practices Owned by Health Care Systems Less Patient-Centered than Practices Owned by Physicians? *NRSA Research Trainees Conference*. 2016

Poster Presentations

- Poon BY**, Kroenke CH, Stewart AL, Kushi LH. Cross-Lagged Pathways between Quality-of-Life and Patient Experience of Breast Cancer Care. *AcademyHealth Annual Research Meeting*. 2021
- Poon BY**, Ma L, Adams A. Depressive Symptoms and Pain Interference with Quality-of-Life among Patients Initiated on Treatment for Diabetic Peripheral Neuropathy. *AcademyHealth Annual Research Meeting*. 2020
- Poon BY**, Shortell SM, Rodriguez HP. Pathways to Shared Decision-Making for Adult Patients with Diabetes and Cardiovascular Disease. *AcademyHealth Annual Research Meeting*. 2018
- Rodriguez HP, **Poon BY**, Fulton B, Wang E, Bibi S. The Early Impact of CMS State Innovation Model Initiative on Alcohol Misuse and Tobacco Use Among Adults with Diabetes. *AcademyHealth Annual Research Meeting*. 2018
- Shortell SM, **Poon BY**, Ramsay PP, Rodriguez HP, Ivey SL, Huber T, et al. Patient Engagement Innovations and Patient-Reported Outcomes of Care for Chronic Disease Patients in Two Large ACOs. *AcademyHealth Annual Research Meeting*. 2016

Publications

1. **Poon BY**, Shortell SM, Rodriguez HP. Patient Activation as a Pathway to Shared Decision-Making for Adults with Diabetes or Cardiovascular Disease. *Journal of General Internal Medicine*. 2020.
2. Rodriguez HP, **Poon BY**, Wang E, Shortell SM. Linking Practice Adoption of Patient Engagement Strategies and Relational Coordination to Patient-Reported Outcomes in Accountable Care Organizations. *The Milbank Quarterly*. 2019.
3. Thong AE, **Poon BY**, Lee JK, Vertosick E, Sjoberg DD, Vickers AJ, et al., editors. Concordance between patient-reported and physician-reported sexual function after radical prostatectomy. *Urologic Oncology: Seminars and Original Investigations*; 2018: Elsevier.
4. Sjoberg DD, Vickers AJ, Assel M, Dahlin A, **Poon BY**, Ulmert D, et al. Twenty-year risk of prostate cancer death by midlife prostate-specific antigen and a panel of four kallikrein markers in a large population-based cohort of healthy men. *European Urology*. 2018;73(6):941-8.
5. **Poon BY**, Shortell S, Rodriguez HP. Physician Practice Transitions to System Ownership Do Not Result in Diminished Practice Responsiveness to Patients. *Health Services Research*. 2018;53(4):2268-84.
6. Ghanaat M, Winer AG, Sjoberg DD, **Poon BY**, Kashan M, Tin AL, et al. Comparison of Postradical Cystectomy Ileus Rates Using GIA-80 Versus GIA-60 Intestinal Stapler Device. *Urology*. 2018;122:121-6.
7. Sjoberg D, Vickers A, Assel M, Dahlin A, Carlsson S, **Poon B**, et al. Risk of prostate-cancer death at 20 years stratified by midlife PSA and a panel of four kallikrein markers from a representative cohort of 11,506 healthy unscreened men aged 45-74. *European Urology Supplements*. 2017;16(3):e418-e9.
8. Shortell SM, **Poon BY**, Ramsay PP, Rodriguez HP, Ivey SL, Huber T, et al. A multilevel analysis of patient engagement and patient-reported outcomes in

- primary care practices of accountable care organizations. *Journal of General Internal Medicine*. 2017;32(6):640-7.
9. Zelefsky MJ, **Poon BY**, Eastham J, Vickers A, Pei X, Scardino PT. Longitudinal assessment of quality of life after surgery, conformal brachytherapy, and intensity-modulated radiation therapy for prostate cancer. *Radiotherapy and Oncology*. 2016;118(1):85-91.
 10. Spaliviero M, **Poon BY**, Karlo CA, Guglielmetti GB, Di Paolo PL, Corradi RB, et al. An arterial based complexity (ABC) scoring system to assess the morbidity profile of partial nephrectomy. *European Urology*. 2016;69(1):72-9.
 11. Satasivam P, **Poon BY**, Ehdaie B, Vickers AJ, Eastham JA. Can Confirmatory Biopsy be Omitted in Prostate Cancer Active Surveillance Patients with Favorable Diagnostic Features? *The Journal of Urology*. 2016;195(1):74.
 12. Satasivam P, **Poon BY**, Ehdaie B, Vickers AJ, Eastham JA. Can confirmatory biopsy be omitted in patients with prostate cancer favorable diagnostic features on active surveillance? *The Journal of Urology*. 2016;195(1):74-9.
 13. Ehdaie B, **Poon BY**, Sjoberg DD, Recabal P, Laudone V, Touijer K, et al. Variation in serum prostate-specific antigen levels in men with prostate cancer managed with active surveillance. *BJU International*. 2016;118(4):535-40.
 14. Spaliviero M, **Poon BY**, Aras O, Di Paolo PL, Guglielmetti GB, Coleman CZ, et al. Interobserver variability of RENAL, PADUA, and centrality index nephrometry score systems. *World Journal of Urology*. 2015;33(6):853-8.
 15. Gondo T, **Poon BY**, Matsumoto K, Bernstein M, Sjoberg DD, Eastham JA. Clinical role of pathological downgrading after radical prostatectomy in patients with biopsy confirmed Gleason score 3+4 prostate cancer. *BJU International*. 2015;115(1):81-6.
 16. Gerdtsson A, **Poon JB**, Thorek DL, Mucci LA, Evans MJ, Scardino P, et al. Anthropometric measures at multiple times throughout life and prostate cancer diagnosis, metastasis, and death. *European Urology*. 2015;68(6):1076-82.
 17. Vertosick EA, **Poon BY**, Vickers AJ. Relative value of race, family history and prostate specific antigen as indications for early initiation of prostate cancer screening. *The Journal of Urology*. 2014;192(3):724-9.
 18. Spaliviero M, Dalbagni G, Bochner BH, **Poon BY**, Huang H, Al-Ahmadie HA, et al. Clinical outcome of patients with T1 micropapillary urothelial carcinoma of the bladder. *The Journal of Urology*. 2014;192(3):702-7.
 19. Hong SK, **Poon BY**, Sjoberg DD, Scardino PT, Eastham JA. Prostate size and adverse pathologic features in men undergoing radical prostatectomy. *Urology*. 2014;84(1):153-7.

Education Details

Select Graduate Division Coursework at UC Berkeley

2015-2019

Multivariate Statistics

Survey Methods

Discrete Choice Analysis

Benefit-Cost Analysis

Hierarchical and Longitudinal Modeling

Causal Inference

Interuniversity Consortium for Political and Social Research	2018
Machine Learning	
AcademyHealth	2018
Complex Interventions and Real World Applications	
Patient-Centered Outcomes Research Institute	2017
Delivering Results, Informing Choices	
AcademyHealth	2016
New Strategies to Solve Analytic Challenges in Health Services Research	
New York University	2014
Micro-Economics	
Macro-Economics	
Society for Medical Decision-Making	2013
Shared Decision-Making and Patient Decision Aids	
Measuring Patient and Physician Preferences	

Languages

Human: English (fluent), Cantonese (conversational), Mandarin (conversational), French (conversational), Spanish (beginner), German (beginner), Swahili (beginner), Arabic (beginner).

Computer: Stata (fluent), R (conversational), Python (conversational), SAS (beginner), C++ (beginner).