

Sara Khor

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EDUCATION

University of Washington, The Comparative Health Outcomes, Policy, and Economics (CHOICE) Institute, Seattle, WA

PhD Candidate (Health Economics and Outcomes Research) Expected 2024

Dissertation title: *Incorporating Equity into Healthcare Decision Making Around New Technologies*

Dissertation Committee: Josh Carlson, Aasthaa Bansal, Anirban Basu, Veena Shankaran

University of Toronto, Toronto, ON

Masters of Applied Science (Biomedical Engineering) 2008

University of Toronto, Toronto, ON

Bachelor of Applied Science (Engineering Science) 2005

RESEARCH/WORK EXPERIENCE

Graduate Research Assistant, University of Washington, Seattle 2020-present

Graduate Teaching Assistant, Certificate in Health Economics and Outcomes Research Program, University of Washington, Seattle. 2022-2023

Research Scientist, Surgical Outcomes Research Center, Department of Surgery, University of Washington, Seattle. (Supervisor: Dave Flum) 2014-2021

Research Scientist, Department of Health Services, University of Washington, Seattle. (Supervisor: Anirban Basu). 2013-2014

Health Economics Research Associate, Pharmacoeconomics Research Unit, Cancer Care Ontario, Toronto, ON, Canada. (Supervisor: Jeffrey Hoch) 2009-2013

Research Fellow, Global Health Research, Li Ka Shing Knowledge Institute, Toronto, ON, Canada. (Supervisor: Onil Bhattacharyya) 2008-2009

Research Analyst, Inco Ltd. (Technical Research Sector), Mississauga, ON, Canada. 2003-2004

GRANTS AND SALARY AWARDS

American Foundation for Pharmaceutical Education (AFPE) 2022-2024

Predocctoral Fellowship in Health Outcomes Disparities (Funding: \$20,000)

- *Supports high performing students who possess the skill and aptitude to become outstanding scientists and leaders*

Pharmaceutical Research and Manufacturers of America (PhRMA) Foundation Predoctoral Fellowship in Health Outcomes Research (Funding: \$50,000)	2022-2024
<ul style="list-style-type: none"> • <i>Supports promising students during advanced stages of training</i> 	
Rubenstein Endowed Memorial Scholarship, University of Washington Rubenstein Graduate Student Fellowship (Funding: \$2,353)	2023-2024
Rubenstein Endowed Memorial Scholarship, University of Washington Rubenstein Graduate Student Fellowship (Funding: \$2,142)	2022-2023
Rubenstein Endowed Memorial Scholarship, University of Washington Rubenstein Graduate Student Fellowship (Funding: \$1,173)	2021-2022
Agency for Healthcare Research and Quality NRSA T32 Fellowship (Funding: \$97,274)	2019-2021
University of Washington Provost Graduate Fellowship Award	2019
Eli Lilly Pre-Doctoral Endowed Fellowship	2019-2020
University of Toronto Graduate Fellowship	2006-2007
Wallberg Foundation Admission Scholarship at the University of Toronto	2000-2001

HONORS AND PRIZES

Conquer Cancer Merit Award, ASCO Foundation	2023
<ul style="list-style-type: none"> • <i>In recognition of outstanding research within the cancer care community</i> 	
Louis Sr. and Marilyn Garrison Endowed Prize in Health Policy and Economics – First Place, Louis Sr. and Marilyn Garrison Endowed Fund	2023
<ul style="list-style-type: none"> • <i>In recognition of an outstanding research paper in the area of health policy and economics</i> 	
School of Pharmacy Graduate Student Leadership Award, University of Washington School of Pharmacy	2023
<ul style="list-style-type: none"> • <i>In recognition of outstanding leadership and service that has a positive impact on the School of Pharmacy, University of Washington, and beyond</i> 	
Best Student Research Podium Presentation Award, ISPOR Annual International Meeting	2021
<ul style="list-style-type: none"> • <i>“The Impact of Including Race and Ethnicity in Risk Prediction Models on Racial Bias” named Top Student Research Podium Presentation</i> 	
Best Poster Presentation Award, Western Pharmacoeconomics and Outcomes Research Conference	2021
<ul style="list-style-type: none"> • <i>“The Potential Cost-effectiveness of Using Community Pharmacies to Increase Human Papillomavirus Vaccination Rates in the United States” “selected as best poster presentation</i> 	

TRAVEL AWARDS

ISPOR Travel Award, ISPOR	2023
<ul style="list-style-type: none"> To present at ISPOR 2023, Boston 	
Graduate Student Conference Presentation Award, University of Washington	2022
<ul style="list-style-type: none"> To present at ISPOR 2022, Washington DC 	
CHOICE Graduate Student Fellowship Award, Higashi Family	2020
<ul style="list-style-type: none"> To present at the Society of Medical Decision Making Meeting, Virtual 	
CHOICE Graduate Student Fellowship Award, Higashi Family	2019
<ul style="list-style-type: none"> To attend the Society of Medical Decision Making Meeting, Portland 	

TEACHING EXPERIENCE

University of Washington

Economic Evaluation in Health & Medicine (Certificate in Health Economics and Outcomes Research)	2023
<i>Audience:</i> Pharmaceutical industry professionals, clinicians, healthcare administrators	
<i>Role:</i> Teaching Assistant (updated course content, provided course management, graded assignments, and interacted with students)	
Practice of Health Technology Assessment in a Global Health Environment (Certificate in Health Economics and Outcomes Research)	2023
<i>Audience:</i> Pharmaceutical industry professionals, clinicians, healthcare administrators	
<i>Role:</i> Teaching Assistant (updated course content, provided course management, graded assignments, and interacted with students)	
Principles of Health Economics (Certificate in Health Economics and Outcomes Research)	2022
<i>Audience:</i> Pharmaceutical industry professionals, clinicians, healthcare administrators	
<i>Role:</i> Teaching Assistant (updated course content, provided course management, graded assignments, and interacted with students)	
Advanced Methods in Economic and Outcomes Evaluation in Health and Medicine	2022,
<i>Audience:</i> Masters and PhD students	2023,
<i>Role:</i> Guest lecturer (designed and delivered 3-hour lecture)	2024
<ul style="list-style-type: none"> Lecture topic: “Health Equity and Distributional Cost Effectiveness Analysis” 	
Machine Learning in Health Economics and Outcomes Research	Scheduled
<i>Audience:</i> Masters and PhD students	for Spring
<i>Role:</i> Guest lecturer (design and deliver 3-hour lecture)	2024
<ul style="list-style-type: none"> Lecture topic: “Algorithmic Bias” 	

MarketScan and R Programming Bootcamp 2021,
Audience: Incoming Masters and PhD students 2022
Role: Lead Instructor (designed and taught a 7-week summer bootcamp)

University of Toronto

Introduction to Materials Sciences (Department of Materials Science and Engineering) 2006
Audience: Undergraduate students
Role: Teaching Assistant (taught discussion sessions and graded assignments)

MENTORING EXPERIENCE

Peer Mentor, CHOICE, University of Washington 2022-present

- Provided mentorship to first year PhD student*

Research Project Mentor, Academy of Managed Care Pharmacy/ ISPOR Educational Content Program 2021

- Mentored PharmD student on research project*

Research Mentor, Surgical Outcomes Research Center, University of Washington 2014-2021

- Mentored clinical fellows on Masters level research projects*

STEM Mentor, Let's Talk Science, Toronto, ON 2006-2008

- Organized and led interactive science activities and workshops in K-12 schools to encourage and inspire young students to actively engage with STEM subjects*

LEADERSHIP

<u>Recognition</u>	<u>Awarded by</u>	<u>Year</u>
School of Pharmacy Graduate Student Leadership Award <ul style="list-style-type: none"> <i>In recognition of outstanding leadership and service that has a positive impact on the School of Pharmacy, University of Washington, and beyond</i> 	University of Washington	2023

<u>Committee/Program</u>	<u>Role</u>	<u>Years</u>
Faculty Search Committee, School of Pharmacy, University of Washington	Student Representative	2022-present
ISPOR Student Network Event Planning Committee, ISPOR	Committee member	2022-present
Diversity, Equity, and Inclusion Council, School of Pharmacy, University of Washington	Graduate Student Representative	2021-present
PhD Admissions Committee, CHOICE, University of Washington	Student Representative	2021-2022
University of Washington ISPOR Student Chapter	President	2021-2022

CHOICE Student Blog “Incremental Thoughts”	Editor-in-chief	2020-2021
University of Washington ISPOR Student Chapter	Treasurer	2020-2021
Data Visualization Team, Surgical Outcomes Research Center	Team Lead	2018-2020
Diversity, Equity, and Inclusion Committee, Surgical Outcomes Research Center	Committee member	2017-2020
Educational Perspectives (Health education outreach project), Tamil Nadu, India	Vice President	2006

ACADEMIC/COMMUNITY SERVICE

Research Presentation Award Judge, <i>ISPOR Annual International Meeting</i>	2021-2022
Fellowship Application Review Subcommittee, <i>Latino Center for Health Student Scholars Fellowship</i>, School of Pharmacy, University of Washington	2021
Abstract Reviewer, <i>Academy Health Annual Research Meeting</i>	2021-2022
Abstract Reviewer, <i>APHA Annual Meeting and Expo</i>	2020
Referee, <i>Nature Medicine, JAMA Network Open, Journal of Clinical Epidemiology, Journal of General Internal Medicine, BMJ Open, BMC Health Services Research, Plos One, Journal of Clinical Neuroscience, Journal of Pediatrics</i>	2019-present

PEER-REVIEWED PUBLICATIONS

- Rodriguez P, Heagerty PJ, Clark S, Haupt E, Hahn EE, Shankaran V, **Khor S**, Chen Y, Bansal A. Using machine learning to leverage biomarker change and predict colorectal cancer recurrence. *JCO Clin Cancer Inform*, 2023 Sep;7:e2300066. doi: 10.1200/CCI.23.00066.
- Khor S**, Haupt EC, Hahn EE, Lyons LKL, Shankaran V, Bansal A. Racial and Ethnic Bias in Risk Prediction Models for Colorectal Cancer Recurrence When Race and Ethnicity Are Omitted as Predictors. *JAMA Netw Open*. 2023;6(6):e2318495. doi:10.1001/jamanetworkopen.2023.18495
- Khor S**, Heagerty PJ, Basu A, Haupt EC, Lyons LKL, Hahn EE, Bansal A. Racial Disparities in the Ascertainment of Cancer Recurrence in Electronic Health Records. *JCO Clin Cancer Inform*. 2023 Jun;7:e2300004. doi: 10.1200/CCI.23.00004.
- Marcotte L, **Khor S**, Flum D, Lavalley D, Wood DE, Triplette M, Akinsoto Nkem, Chaudhari V, Farjah F. Factors Associated with Lung Cancer Risk Factor Documentation within an Academic Health System. *Am J Manag Care*. 2023; 29(9)
- Mathias PC, **Khor S**, Harris K, Wood SJ, Farjah F. Evaluation of a Multilevel Laboratory Stewardship Intervention Targeted to Cardiac and Thoracic Surgical Services at an Academic Medical Center. *Arch Pathol Lab Med*. 2023 Aug 1;147(8):957-963. doi: 10.5858/arpa.2021-0593-OA

6. **Khor S**, Elsiszi ZA, Carlson JJ. How much does the US Public Value Equity in Health? A Systematic Review. *Value in Health*, 2023 Mar;26(3):418-426. doi: 10.1016/j.jval.2022.08.009.
7. Lee W, Schwartz N, Bansal A, **Khor S**, Hammarlund N, Basu A, Devine B. A Scoping Review of the Use of Machine Learning in Health Economics and Outcomes Research: Part 1—Data From Wearable Devices, *Value in Health*, 2022 Sep 15:S1098-3015(22)02145-3. doi: 10.1016/j.jval.2022.08.005.
8. Lee W, Schwartz N, Bansal A, **Khor S**, Hammarlund N, Basu A, Devine B. A Scoping Review of the Use of Machine Learning in Health Economics and Outcomes Research: Part 2—Data From Nonwearables. *Value in Health*. 2022 Aug 18:S1098-3015(22)02107-6. doi: 10.1016/j.jval.2022.07.011.
9. Hantouli MN, Drouillard DJ, **Khor S**, Strate LL, Lavallee DC, Flum DR, Davidson GH. Indications for surgical treatment of diverticulitis: factors that influence surgical decision-making for patients and surgeons. *British Journal of Surgery*. 2022, doi:10.1093/bjs/znac321
10. Hantouli MN, **Khor S**, Strate LL, Lavallee DC, Mower WR, Porter AJ, Flum DR, Davidson GH. What's in a Number? Assessing the Burden of Diverticular Disease. *Annals of Surgery Open*. 2022; 3(4): e202. doi: 10.1097/AS9.0000000000000202.
11. Dugdale DC, **Khor S**, Liao J, Flum DR. Association between a Population Health Intervention and Hypertension Control. *J Gen Intern Med*. 2022 Dec;37(16):4095-4102. doi: 10.1007/s11606-022-07522-4.
12. Shankaran V, Li L, Fedorenko C, Sanchez H, Du Y, **Khor S**, Kreizenbeck K, Ramsey S. Risk of Adverse Financial Events in Cancer Patients: Evidence from a Novel Linkage between Cancer Registry and Credit Records. *J Clin Oncol*. 2022; 40:8; 884-891.
13. Cai Y, Chen Y, Xiao L, **Khor S**, Liu T, Han Y, Yuan Y, Cai L, Zeng G, Wang X. The Health and Economic Impact of Constructing Temporary Field Hospitals to Meet the COVID-19 Pandemic Surge: Wuhan Leishenshan Hospital in China as a Case Study. *J Glob Health*. 2021 Dec 4;11:05023. doi: 10.7189/jogh.11.05023.
14. **Khor S**, Flum DR, Strate LL, Hantouli MN, Harris HH, Lavallee DC, Spiegel BMR, Davidson GH. Establishing Clinically Significant Patient-reported Outcomes for Diverticular Disease. *Journal of Surgical Research*. 2021; 264: 20-29. doi: 10.1016/j.jss.2021.01.045.
15. Chang D, Carlo AD, **Khor S**, Drake L, Lee ES, Avery M, Unützer J, Flum DR. Transforming Population-Based Depression Care: a Quality Improvement Initiative Using Remote, Centralized Care Management. *J Gen Intern Med*. 2021 Feb;36(2):333-340. doi: 10.1007/s11606-020-06136-y.
16. Hysa L, **Khor S**, Starnes BW, Chow WB, Sweet MP, Nguyen J, Shalhub S. Cause-Specific Mortality of Type B Aortic Dissection and Assessment of Competing Risks of Mortality. *J Vasc Surg*. 2020;S0741-5214(20)31112-5.
17. Shonnard NH, Berven S, Anderson PA, Verschuyt E, Norwitz J, Shonnard N, **Khor S**, Wagoner DD, Beall DP. Appropriate Management of Vertebral Fragility Fractures: Development of a Pathway Based upon a Vertebral Compression Fracture Registry. *Pain Physician*. 2020;23(4):E343-E352.
18. **Khor S**, Lavallee DC, Cizik AM, Bellabarba C, Dagal A, Hart RA, Howe CR, Martz D, Shonnard N, Flum DR. Hospital and Surgeon Variation in Patient-reported Functional Outcomes after Lumbar

- Spine Fusion: A Statewide Evaluation. *Spine* (Phila Pa 1976). 2020;45(7):465–472. doi: 10.1097/BRS.0000000000003299.
19. Thompson R, **Khor S**, Thornblade LW, Flum DR, Sobel M. The Paradox of Hyperglycemia and Surgical Outcomes in Patients with and without Diabetes. *Surg Infect (Larchmt)*. 2019 May/Jun;20(4):338-339.
 20. Nevidomskyte D, Tang GL, Shin SH, Hatsukami TS, **Khor S**, Flum DR, Meissner MH, Shalhub S. Comparison of outcomes in women and men following carotid interventions in the Washington state's Vascular Interventional Surgical Care and Outcomes Assessment Program. *J Vasc Surg*. 2019;69(4):1121–1128.
 21. Doll KM, **Khor S**, Odem-Davis K, He H, Wolff EM, Flum DR, Ramsey SD, Goff BA. Role of Bleeding Recognition and Evaluation in Black-White Disparities in Endometrial Cancer. *American Journal of Obstetrics and Gynecology*. 2018 Dec;219(6):593.e1-593.e14. doi: 10.1016/j.ajog.2018.09.040.
 22. **Khor S**, Lavalley D, Cizik AM, Bellabarba C, Chapman JR, Howe CR, Lu D, Mohit AA, Oskouian RJ, Roh JR, Shonnard N, Dagal A, Flum DR. Development and Validation of a Prediction Model for Pain and Functional Outcomes After Lumbar Spine Surgery. *JAMA Surg*. 2018 Jul 1;153(7):634-642. doi: 10.1001/jamasurg.2018.0072.
 23. Murphy CE, McCormick KA, Shankaran V, Reddi DM, Swanson PE, Upton MP, Papanicolau-Sengos A, **Khor S**, Westerhoff M. Grade Assignment by Ki-67 Proliferative Index, Mitotic Count, and Phosphohistone H3 Count in Surgically Resected Gastrointestinal and Pancreatic Neuroendocrine Tumors. *Pancreas*. 2017 Nov/Dec; 46(10):1359-1365.
 24. Ehlers AP, **Khor S**, Cizik AM, Leveque JA, Shonnard NS, Oskouian RJ Jr, Flum DR, Lavalley DC. Use of patient-reported outcomes and satisfaction for quality assessments. *Am J Manag Care*. 2017 Oct; 23(10):618-622.
 25. Ehlers AP, Roy SB, **Khor S**, Mandagani P, Maria M, Alfonso-Cristancho R, Flum DR. Improved Risk Prediction Following Surgery Using Machine Learning Algorithms. *EGEMS*. 2017 Apr 20; 5(2):3. doi: 10.13063/2327-9214.1278.
 26. Ehlers AP, **Khor S**, Shonnard N, Oskouian RJ Jr, Sethi RK, Cizik AM, Lee MJ, Bederman S, Anderson PA, Dellinger EP, Flum DR. Intra-Wound Antibiotics and Infection in Spine Fusion Surgery: A Report from Washington State's SCOAP-CERTAIN Collaborative. *Surg Infect*. 2016 Apr; 17(2):179-86.
 27. **Khor S**, Beca J, Krahn M, Hodgson D, Lee L, Crump M, Bremner KE, Luo J, Mamdani M, Bell CM, Sawka C, Gavura S, Sullivan T, Trudeau M, Peacock S, Hoch JS. Real World Costs and Cost-effectiveness of Rituximab for Diffuse Large B-Cell Lymphoma Patients: A Population-based Analysis. *BMC Cancer*. 2014 Aug 12;14:586. doi: 10.1186/1471-2407-14-586.
 28. Lee L, Crump M, **Khor S**, Hoch JS, Luo J, Bremner K, Krahn M, Hodgson DC. Impact of rituximab on treatment outcomes of patients with diffuse large b-cell lymphoma: a population-based analysis. *Br J Haematol*. 2012 Aug;158(4):481-8.
 29. Bhattacharyya O, **Khor S**, McGahan A, Dunne D, Daar AS, Singer PA. Innovative health service delivery models in low and middle income countries - what can we learn from the private sector? *Health Research Policy and Systems* 2010, 8:24. (listed by BioMed Central as a “highly accessed” article)

30. Leung GKK, Wong ATY, Kwan EYC, **Khor S**, Fan YW. Extradural Haematoma – a five-year audit at a tertiary trauma centre in Hong Kong. *Asian J Surg* 2001;24(3):305-309.

BOOK CHAPTER, EDITORIAL, AND OTHER ARTICLES

1. **Khor S**. Replacing Race in Clinical Algorithms: The Need for Thoughtful Evaluations. *Journal of Pediatrics*. September 2023. doi:10.1016/j.jpeds.2023.113753
2. **Khor S**, Bansal A. The Promise and Biases of Prediction Algorithms in HEOR. *Value & Outcomes Spotlight*. January/February 2022; 8(1): 27-29.
3. Basu A, Hammarlund N, **Khor S**, Bansal A. Understanding Algorithmic Discrimination in Health Economics Through the Lens of Measurement Errors. *National Bureau of Economic Research Working Paper*, October 2021. [link](#)
4. Bhattacharyya O, **Khor S**, McGahan A, Dunne D, Daar AS, Singer PA (2019). Innovative Health Service Delivery Models in Low- and Middle-Income Countries – What Can We Learn from the Private Sector? (Chapter 1), in Mossman K. (ed.) *Private Sector Entrepreneurship in Global Health. Innovation, Scale, and Sustainability*. Canada: University of Toronto Press, pp. 3-25. ISBN-13: 978-1487522131
5. Bhattacharyya O, McGahan A, Singer PA, Daar AS, **Khor S**, Dunne D. Innovative Health Service Models for the World’s Poor: Lessons from the Private Sector. *Rotman Magazine Fall 2011*, 29-35. [link](#)

RESEARCH-IN-PROGRESS

1. **Khor S**, Bansal A, Basu A, Shankaran V, Carlson J. The impact of new oncologic drug approval on disparities in mortality and financial hardship by neighborhood-level income.
2. **Khor S**, Carlson J, Basu A, Shankaran V, Lee K, Bansal A. Long-term disparity impacts of including race in clinical decision tools to guide treatment in colon cancer: A microsimulation study.
3. **Khor S**, Heagerty PJ, Basu A, Bansal B. Bias in, bias out? The implications of using real-world data with differentially measured outcomes to generate prediction models when race is a predictor.
4. **Khor S**, Basu A, Bansal B. Can including race in clinical algorithms account for varying predictor quality across racial groups?
5. **Khor S**, Yu K, Fedorenko CR, Rivers Z, Kestner ST, Shankaran V. Financial toxicity before cancer diagnosis: the association between pre-diagnosis financial strain and later stage cancer presentation.
6. Marcotte LM, **Khor S**, Wong ES, Akinsoto N, Lee ES, Onstad S, Issaka RB. An Analysis of Patient Portal Use and Breast Cancer Screening among Black Patients in a Large Academic Health System.

INVITED TALKS OR PANELS

1. “How much does the US Public Value Equity in Health?” Invited Speaker. *ISPOR University of Maryland and University of Washington Joint Journal Club*, March 3, 2023.

2. “Evaluating the Clinical Impact of Racial/Ethnic Disparities in the Performance of Risk Prediction Models.” Invited Panelist. *Joint Statistical Meeting 2022*, Washington, DC, August 6-11, 2022.

SELECTED CONFERENCE PRESENTATIONS

***Presenting Author**

1. ***Khor S**, Bansal A. “Can including race in clinical algorithms account for varying predictor quality across racial groups?” Poster Presentation. *Society for Medical Decision Making 45th Annual Meeting*, Philadelphia, PA, October 22-25, 2023.
2. ***Khor S**, Yu K, Fedorenko CR, Rivers Z, Kestner ST, Shankaran V. “Association between pre-diagnosis financial strain and later stage cancer presentation”. Poster Presentation. *ASCO Quality Care Symposium*, Boston, MA, October 27-28, 2023.
3. ***Khor S**, Heagerty PJ, Basu A, Bansal A. “Bias in, Bias out? Implications of Using Real-World Data with Differentially Measured Outcomes to Generate Prediction Models when Race is a Predictor”. Podium Presentation. *International Society for Pharmacoeconomics and Outcomes Research 18th Annual International Meeting*, Boston, MA, May 7-10, 2023.
4. ***Khor S**, Basu A, Heagerty PJ, Haupt EC, Hahn EE, Lyons LJJ, Shankaran V, Bansal A. “Understanding the Interaction of Multiple Mechanisms of Racial Bias in Clinical Risk Prediction Models: Case Study in Colorectal Cancer Recurrence”. Poster Presentation. *Society for Medical Decision Making 44th Annual Meeting*, Seattle, WA, October 23-26, 2022.
5. Bansal A, ***Khor S**. “Evaluating the Clinical Impact of Racial/Ethnic Disparities in the Performance of Risk Prediction Models.” Invited Panelist. *Joint Statistical Meeting 2022*, Washington, DC, August 6-11, 2022.
6. ***Khor S**, Basu A, Haupt EC, Hahn EE, Lyons LJJ, Henry CP, Shankaran V, Heagerty PJ, Bansal A. “Using Racially Biased Proxy as Outcomes for Prediction Models – Are We (Re)producing Health Inequalities?” Poster Presentation. *International Society for Pharmacoeconomics and Outcomes Research 17th Annual International Meeting*, National Harbor, MD, May 15-18, 2022.
7. ***Khor S**, Carlson JJ. “The US Public’s Preference for Equity in Health: A Systematic Review”. Poster Presentation. *Society for Medical Decision Making 43rd Annual Virtual Meeting*, October 2021.
8. ***Khor S**, Clark S, Rodriguez P, Chen Y, Haupt EC, Hahn EE, Shankaran V, Bansal A. “Examining Racial and Ethnic Disparities Perpetuated by Risk Prediction Models for Clinical Decision-Making”. Poster presentation. *Academy Health 2021 Virtual Annual Research Meeting*, June 14-17, 2021.
9. ***Khor S**, Clark S, Rodriguez P, Chen Y, Haupt EC, Hahn EE, Shankaran V, Bansal A. “Examining Racial bias in Risk Prediction Models”. Podium presentation. *27th Annual AHRQ NRSA Trainees Research Conference*, Virtual, June 7-8, 2021.
10. Shankaran V, Li L, Fedorenko C, Sanchez H, Du Y, **Khor S**, Karma Kreizenbeck, Scott Ramsey. “Cancer diagnosis and adverse financial events: Evidence from credit reports”. Podium presentation. *2021 American Society of Clinical Oncology Annual Meeting*, Virtual, June 4-8, 2021.

11. ***Khor S**, Clark S, Rodriguez P, Chen Y, Haupt EC, Hahn EE, Shankaran V, Bansal A. “The Impact of Including Race and Ethnicity in Risk Prediction Models on Racial Bias”. Podium presentation. *Virtual International Society for Pharmacoeconomics and Outcomes Research 16th Annual International Meeting 2021*. May 17-21, 2021. **(Won Best Student Research Podium Presentation Award)**.
12. ***Khor S**, Vodicka E, Carlson JJ. “The Potential Cost-Effectiveness of Using Community Pharmacies to Increase Human Papillomavirus Vaccination Rates in the United States”. Poster presentation. *Virtual International Society for Pharmacoeconomics and Outcomes Research 16th Annual International Meeting 2021*, May 17-21, 2021.
13. ***Khor S**, Vodicka E, Carlson JJ. “The Potential Cost-Effectiveness of Using Community Pharmacies to Increase Human Papillomavirus Vaccination Rates in the United States”. Poster presentation. *Western PharmacoEconomics and Outcomes Research Conference*, Virtual, April 2, 2021. **(Won Best Poster Award)**.
14. Dugdale DC, ***Khor S**, Lee ES, Marcotte L, Flum DR. “Transforming Population-based Hypertension Management—An Efficient and Effective Approach”. Oral presentation. *Academy Health 2020 Annual Research Meeting*, Boston MA, June 13-16, 2020.
15. *Hantouli MN, **Khor S**, Flum DR, Strate LL, Lange EO, Mower WR, Wolf E, Porter AJ, Ayong-Chee P, Davidson GH. “Assessing Diverticular Burden of Disease: Why Counting Episodes Is Not Enough”. *15th Annual Academic Surgical Congress*, Orlando, FL. Feb 4-6, 2020.
16. *Hantouli MN, **Khor S**, Flum DR, Strate LL, Lange EO, Mower WR, Wolf E, Porter AJ, Ayong-Chee P, Davidson GH. "How should we measure the burden of diverticular disease? Episode Count vs. Diverticulitis Quality of Life (DVQOL) Instrument”. *Seattle Surgical Society*, Seattle, WA. Feb 07, 2020.
17. ***Khor S**, Davidson GH, Dawson P, Houston P, Flum DR. Assessing and Addressing Inequity in Healthcare Delivery. *Academy Health 2019 Annual Research Meeting*, Washington DC, June 2-4, 2019.
18. ***Khor S**, Flum DR, UW Medicine Care Transformation Collaborative. Primary Care Panel Size – Are There Limits to the Number of Patients a Provider Can Effectively Care for? *Academy Health 2019 Annual Research Meeting*, Washington DC, June 2-4, 2019.
19. Doll K, ***Khor S**, Hempstead B, Alson J, Kellogg L, Wolff E, Flum D, Ramsey S, Goff B. Mechanisms of Diagnostic Delay Among Black Women with Endometrial cancer: Results from Qualitative Interviews and a National Analysis of Healthcare Data. *National Comprehensive Cancer Network 2019 Annual Conference*, Orlando, FL, Mar 21-23.
20. **Khor S**, Harris H, Flum DR, Cizik AM, *Lavalley DC. Can Patient-Reported Outcomes Assessment Be Brought to Scale? Lessons from a Statewide PRO-focused Quality Improvement Initiative. *The ISOQOL 25th Annual Conference*, Dublin, Ireland, October 24-27, 2018.
21. **Khor S**, Davidson GH, Monsell SE, Strate LL, Spiegel BMR, *Flum DR. Measuring Important Differences in Diverticulitis-related Quality of Life. *American College of Surgeons Clinical Congress 2018*, Boston, MA, Oct 20-25, 2018.

22. *Stadeli K, **Khor S**, Brewer E, Lavalley D, Doll K, Cizik A, Flum D, Pellegrini C, Davidson G. Patient Factors Associated with Low Trust in Patients with Surgical Disease. *American College of Surgeons Clinical Congress 2018*, Boston, MA, Oct 20-25, 2018.
23. ***Khor S**, Lavalley D, Cizik A, Shonnard N, Austin E, Flum DR. Picking the Winners in Spine Surgery: A Statewide Evaluation of Functional Outcomes across Hospitals and Surgeons. *Academy Health 2018 Annual Research Meeting*, Seattle, WA, June 24-26, 2018.
24. *Doll KM, **Khor S**, Odem-Davis K, He H, Wolff E, Flum DR, Ramsey S, Goff BA. Racial Disparities in Endometrial Cancer: Postmenopausal Bleeding Recognition and Evaluation Prior to Diagnosis. *Academy Health 2018 Annual Research Meeting*, Seattle, WA, June 24-26, 2018.
25. *Ehlers A, Roy SB, Mandagani P, Maria M, **Khor S**, Alfonso R, Flum DR. Healthcare Utilomics: Improved Risk Prediction Following Surgery Using Machine Learning Algorithms. *Academy Health's Concordium 2016 Meeting*, Crystal City, VA, Sept 12-13, 2016.
26. **Khor S**, *Pugel A, Lavalley DC, Flum DR. Exploring the relationship between patient-reported improvement in pain, function and satisfaction 12 months after spine surgery. *The ISOQOL 22nd Annual Conference*, Vancouver, Canada, October 21-24, 2015.
27. **Khor S**, Bederman S, Shonnard N, *Anderson PA, Sethi RK, Oskouian RJ, Chapman JR, Cizik AM, Martz D, Flum DR. Intraoperative Neuromonitoring in Spine Surgery and New Neurologic Events: A Report from the Surgical Care and Outcomes Assessment Program (SCOAP). *North American Spine Society 30th Annual Meeting*, San Francisco, CA, October 14-17, 2015.
28. *Pugel A, **Khor S**, Shonnard N, Oskouian R, Sethi R, Cizik A, et al. Statewide Evaluation of Intra-wound Antibiotics in Spine Surgery Patients: A Report from the SCOAP-CERTAIN Collaborative. *Surgical Infection Society 35th Annual Meeting*, Westlake Village, CA, April 15-18, 2015.
29. *Shankaran V, **Khor S**, Ramsey SD, Basu A. Trends in health-related quality of life (HRQoL) and income over time in older adults with and without cancer: Evidence from the Surveillance, Epidemiology, and End Results–Medicare Health Outcomes Survey (SEER–MHOS) linked database. *American Society of Clinical Oncology 50th Annual Meeting*, Chicago, IL, May 30-June 3, 2014.
30. ***Khor S**, Krahn M, Hodgson D, Bremner K, Luo J, Hoch J. Real-world cost-effectiveness analysis of cancer drugs. Oral presentation. *The International Health Economics Association 8th World Congress*, Toronto, Ontario, July 2011.
31. ***Khor S**, Krahn M, Hodgson D, Bremner K, Luo J, Hoch J. Real-world cost-effectiveness analysis of cancer drugs: Comparative effectiveness research using retrospective Canadian registry data before and after drug approval. Oral presentation. *The International Society for Pharmacoeconomics and Outcomes Research 16th Annual International Meeting*, Baltimore, Maryland, May 2011.
32. ***Khor S**, Krahn M, Hodgson D, Bremner K, Luo J, Hoch J. Real world cost-effectiveness of cancer drugs: Challenges and Opportunities. Oral presentation. *The Canadian Agency for Drugs and Technologies in Health (CADTH) Invitational Symposium*, Vancouver, British Columbia, April 2011.

33. ***Khor S**, Hoch J. How attractive does a set of guidelines have to be to warrant correct adoption and utilization. *Society for Medical Decision Making Annual Meeting*, Toronto, Ontario, October 2010.
34. ***Khor S**, Djalalova D, Hoch J. The Paradox of the Laupacis Parallax. *The Canadian Agency for Drugs and Technologies in Health (CADTH) Invitational Symposium*, Halifax, Nova Scotia, April 2010.
35. ***Khor S**. Personalized Medicine in the Real World. Invited presentation at the “*Genetic Testing: the Future is Here*” symposium, Mount Sinai Hospital, Toronto, Ontario, March 2010.

MEDIA COVERAGE

1. Palmer K. “Getting rid of bias in clinical calculators isn’t as simple as taking race out of the equation.” *STAT News*, June 16, 2023, <https://www.statnews.com/2023/06/16/colorectal-cancer-prediction-calculator-race-bias/>
2. Amorosi D. “Omitting impact of race, ethnicity results in less accurate cancer risk prediction models.” *Healio*, June 16, 2023, <https://www.healio.com/news/hematology-oncology/20230616/omitting-impact-of-race-ethnicity-results-in-less-accurate-cancer-risk-prediction-models>
3. Brooks M. “Race and Ethnicity in CRC Recurrence Risk Algorithms?” *Medscape Medical News*, June 20, 2023, <https://www.medscape.com/viewarticle/993450>
4. Walter K. “Removing Race and Ethnicity Worsens Algorithmic Fairness for Colorectal Cancer Recurrence Risk.” *HPC Live*, June 16, 2023, <https://www.hcplive.com/view/removing-race-ethnicity-worsens-algorithmic-fairness-colorectal-cancer-recurrence-risk>
5. “Addressing Racial and Ethnic Bias in Algorithms that Predict Colorectal Cancer Risk.” *National Cancer Institute Center for Biomedical Informatics and Information Technology News*, July 5, 2023. <https://datascience.cancer.gov/news-events/news/addressing-racial-and-ethnic-bias-algorithms-predict-colorectal-cancer-risk>