

Curriculum Vitae

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BIOGRAPHICAL INFORMATION

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Office Address: University of North Carolina at Chapel Hill
Gillings School of Global Public Health
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EDUCATION

Master of Public Health (MPH), 2016-2017

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Concentration: Health Systems and Policy

Relevant Coursework: Statistical Methods in Public Health I-III, Epidemiologic Inference in Public Health, Economic Evaluation I-II, Comparative Effectiveness Research, Health Survey Research Methods

Honors: Delta Omega Public Health Honor Society | **Leadership:** Founder and Co-Chair, Young Professionals' Chronic Disease Network; President, Chronic Disease and Aging Initiative

Graduate Certificates, 2016-2017

Johns Hopkins Bloomberg School of Public Health and Johns Hopkins School of Medicine, Baltimore, MD

Health Finance and Management

Epidemiology for Public Health Professionals

Health Communication

Quality, Patient Safety and Outcomes Research

Doctor of Medicine (MD), 2009-2012

University of Sydney, Sydney, Australia

Graduated with Honors; Hoc Mai Australia-Vietnam Medical Exchange Scholar; Office of Global Health Exchange Scholar to Weill-Cornell Medical College, New York, NY; Vice President, Sydney University Medical Society

Bachelor of Medical Science (BMedSc), 2005-2008

University of Sydney, Sydney, Australia

Majors: Physiology, Pathology, and Pharmacology

PROFESSIONAL EXPERIENCE

University of North Carolina at Chapel Hill, Gillings School of Global Public Health and School of Medicine

Assistant Professor, Public Health Leadership Program; **Concentration Co-Lead, Master of Public Health Program in Population Health for Clinicians**; Adjunct Assistant Professor, Department of Radiology; May 2023-Present

- Develops and leads initiatives towards improving health equity and reducing/eliminating health disparities through community-engaged and epidemiological research, teaching and public health practice
- Engages in cross-sectoral collaborations with local county health departments, community-based organizations, and clinicians at UNC School of Medicine in using community-based participatory research (CBPR) approaches to improve outcomes in cancer and uterine fibroids
- Teaches courses for the MPH Program including SPHG 713 – Understanding Public Health Issues and SPHG 722 – Developing, Implementing, and Evaluating Public Health Solutions; HPM 965 – Cultural Humility for 21st Century Health Leaders
- As Concentration Co-Lead, facilitate planning, implementation, evaluation, and continuous improvement of the Population Health for Clinicians MPH curriculum

DeKalb County Board of Health, Decatur, GA

Chief Epidemiologist, July 2021-March 2023

- Led strategic planning and epidemiology-related community responsiveness agenda based on GA Department of Public Health's (DPH) guidance for more than 770,000 residents in DeKalb County, GA
- Provided management and direction to the Board of Health's Epidemiology Programs for 150 employees, including 70 Case Investigators, 30 Contact Tracers, 9 Epidemiologists and Public Health Nursing Staff
- Served as Epidemiology Branch Director for the Board of Health's Incident Command Structure
- Increased the Board of Health's efficiency and effectiveness by utilizing evidence-based practices and quality improvement methodologies to achieve strategic goals
- Engaged with community-based organizations to increase education and awareness of mpox vaccination and obtain CDC funding towards using mobile health clinics to improve equity in mpox vaccine distribution
- Collaborated with CDC, GA DPH and major academic institutions in Georgia, including Emory and Georgia State University to conduct community health/epidemiological research for COVID-19, TB, HIV and chronic diseases
- Safeguarded the public health of DeKalb County residents during national, state, and local infectious disease outbreaks, including the COVID-19 pandemic, by directing epidemiological investigations and informing media/provider communications

Road2IR Interventional Radiology (IR) Initiative

Research Scientist, June 2019-June 2021

Road2IR is an international global health collaboration between Yale University, Emory University and Muhimbili University of Health and Allied Sciences focused on improving access to minimally invasive therapies in low- and middle-income countries.

- Developed and implemented the Hepatocellular Cancer Screening Program for high-risk patients diagnosed with Hepatitis B and C in Tanzania and Rwanda
- Created the Breast Cancer Screening Workgroup in collaboration with the Departments of Medical Oncology and Obstetrics and Gynecology at Muhimbili National Hospital
- Created and managed databases capturing quantitative data on chronic health conditions in Tanzania
- Wrote and secured research/education grants from Radiological Society of North America and industry partners
- Collaborated with local clinics, physicians and nurses to provide training, support and technical expertise

Emory University School of Medicine

Postdoctoral Research Associate, Department of Radiology and Imaging Sciences, June 2018-June 2021

- Developed and provided statistical expertise for clinical trial protocols, including low-dose Yttrium-90 (Y90) treatment planning for HCC and Y90 as second or third-line therapy for metastatic breast cancer
- Generated ideas for research, evaluation and improved data collection methods for interventional radiology and interventional oncology treatments
- Conducted screening surveys, developed data dictionaries & ensured data quality for grant-funded clinical trials

- Supervised epidemiology and public health students in mining large-scale databases including Surveillance, Epidemiology and End-Results (SEER), Medicare, and the National Cancer Database

Yale University School of Medicine

Postdoctoral Research Associate, Department of Radiology and Biomedical Imaging, June 2015-May 2018

- Conducted comparative and cost-effectiveness research on minimally invasive treatments vs. surgical and systemic therapies using large-scale population data
- Designed and conducted translational interventional oncology research using the VX-2 liver cancer model
- Mentored and supervised medical students, residents and PhD candidates on research methodology

- 2014-2015 Postdoctoral Research Fellow, Interventional Radiology, Department of Radiology, University of Pittsburgh School of Medicine, Pittsburgh, PA
- 2014 Postdoctoral Research Associate, Musculoskeletal Radiology, Department of Radiology, Emory University School of Medicine, Atlanta, GA
- 2012-2014 Intern and Resident Medical Officer, Royal Prince Alfred Hospital, Sydney, Australia
- 2011 Predoctoral Research Fellow, Sydney Cancer Center, Sydney, Australia
- 2010-2011 Predoctoral Research Fellow, Institute of Clinical Neurosciences, Royal Prince Alfred Hospital, Sydney, Australia
- 2008-2009 Research Student, Brigham and Women's Hospital, Harvard Medical School, Boston, MA
- 2006-2007 Dean's Research Scholar, Centenary Institute of Cancer Medicine and Cell Biology, Sydney, Australia
- 2005 Research Scholar, Faculty of Medicine, Departments of Hepatology and Endocrinology, University of Sydney, Australia

PROFESSIONAL HONORS AND RECOGNITION

- 2017-2018 American College of Medical Quality (ACMQ) National Quality Scholar
- 2017 Delta Omega Alpha Honorary Society Member, Johns Hopkins School of Public Health
- 2016 World Conference on Interventional Oncology Training Scholar, Boston, MA
- 2015 Best Abstract, World Conference on Interventional Oncology, New York, NY
- 2010-2012 University of Sydney Medical School Dean's List and Dean's Scholarships for Outstanding Overall Achievement
- 2011-2012 University of Sydney Women's College Scholarship for Academic Excellence & Exemplary Leadership
- 2011-2012 Best Speaker, Australian Medical Association Annual Meeting, Sydney, Australia
- 2010-2011 University of Sydney Medical School Office for Global Health Exchange Scholarship to Weill-Cornell Medical College/Hospital for Special Surgery/New York Presbyterian, New York, NY
- 2009-2010 Hoc Mai Australia-Vietnam Medical Foundation Exchange Scholarships to Viet Duc and Bach Mai Hospitals, Hanoi, Vietnam
- 2009-2010 University of Sydney St Andrew's College Prize for Academic Achievement
- 2007 University of Sydney Dean's Prize for Academic Achievement & Excellence in Research
- 2006-2007 University of Sydney Alex Li-Sydney Cancer Centre Research Scholar in Liver Cancer
- 2005-2007 University of Sydney Faculty of Medicine Summer Research Scholar

BIBLIOGRAPHY

Reports and Book Chapters

1. O'Reilly L, Patimeteeporn C, Ruddiman E, **Xing M**. Winter illness Preparedness Guide and Winter Illness Report 2022-2023; 2023. <https://dashboards.mysidewalk.com/dcboh-dashboard>.
2. Patimeteeporn C, Fowler R, O'Reilly L, Ruddiman E, **Xing M**. Status of Health 2020. Decatur: DeKalb County Board of Health; 2022. <https://dashboards.mysidewalk.com/dcboh-dashboard>.

3. Lee EW, **Xing M**, Kee ST. Trends in Basic Science Research in Interventional Radiology: Nanotechnology, Stem Cell, RNAi and Radiogenomics. In: Kee ST, Madoff DC, Murthy R (Eds.), *Clinical Interventional Oncology*. Philadelphia: Saunders Elsevier; 2013. p. 57-63.

Peer-Reviewed Original Research

4. Ryce AL, Hanna T, Smith R, Duszak R Jr, Ahmed O, **Xing M**, Kokabi N. Contemporary Management of Blunt Splenic Trauma in Adults: An Analysis of the Trauma Quality Improvement Program Registry. *J Am Coll Radiol*. 2024 Mar 14;S1546-1440(24)00291-6.
5. Webster LA, Villalobos A, Cheng B, **Xing M**, Majdalany BS, Bercu ZL, Cristescu MM, Brandon D, Schuster D, Baum Y, Loya MF, Kokabi N. Correlation of Non-tumoral Liver Dose with Treatment-Related Adverse Events in Patients with Hepatocellular Carcinoma Treated with Glass-Based Yttrium-90 Radioembolization. *Cardiovasc Intervent Radiol*. 2023 Jan;46(1):60-68.
6. Chahine AH, Gilyard S, Hanna TN, Fan S, Risk B, Johnson JO, Duszak R Jr, Newsome J, **Xing M**, Kokabi N. Management of Splenic Trauma in Contemporary Clinical Practice: A National Trauma Data Bank Study. *Academic Radiology*. 2021 Nov;28 Suppl 1:S138-S147.
7. Sankhla T, Cheng B, Nezami N, **Xing M**, Sethi I, Bercu Z, Brandon D, Majdalany B, Schuster DM, Kokabi N. Role of Resin Microsphere Y90 Dosimetry in Predicting Objective Tumor Response, Survival and Treatment Related Toxicity in Surgically Unresectable Colorectal Liver Metastasis: A Retrospective Single Institution Study. *Cancers (Basel)*. 2021 Sep 29;13(19):4908.
8. Shinn K, Chahine A, Fan S, Risk B, Hanna T, Johnson JO, Hawkins CM, **Xing M**, Duszak R, Newsome J, Kokabi N. Contemporary Management of Pediatric Blunt Splenic Trauma: A National Trauma Data Bank Analysis. *Journal of Vascular and Interventional Radiology*. 2021 May;32(5):692-702.
9. Arndt L, Villalobos A, Wagstaff W, Cheng B, **Xing M**, Ermentrout RM, Bercu Z, Cristescu M, Shah A, Wedd J, Majdalany BS, Magliocca JF, Sellers MT, Kokabi N. Evaluation of Medium-Term Efficacy of Y90 Radiation Segmentectomy vs Percutaneous Microwave Ablation in Patients with Solitary Surgically Unresectable < 4 cm Hepatocellular Carcinoma: A Propensity Score Matched Study. *Cardiovascular and Interventional Radiology*. 2021 Mar;44(3):401-413.
10. Elsayed M, Cheng B, **Xing M**, Sethi I, Brandon D, Schuster DM, Bercu Z, Galt J, Barron B, Kokabi N. Comparison of Tc-99m MAA Planar Versus SPECT/CT Imaging for Lung Shunt Fraction Evaluation Prior to Y-90 Radioembolization: Are We Overestimating Lung Shunt Fraction? *Cardiovascular and Interventional Radiology*. 2021 Feb;44(2):254-260.
11. Jia JB, Ling X, **Xing M**, Ludwig JM, Bai M, Kim HS. Novel TSPO-targeted Doxorubicin Prodrug for Colorectal Carcinoma Cells. *Anticancer Research*. 2020 Oct;40(10):5371-5378.
12. Laage-Gaupp FM, Solomon N, Rukundo I, Naif AA, Mbuguje EM, **Xing M**, Prologo JD, Silin DD, Minja FJ. Tanzania Interventional Radiology Initiative: Training the First Generation of Interventional Radiologists in Tanzania. *Journal of Vascular and Interventional Radiology*. 2019 Dec;30(12):2036-2040.
13. Kokabi N, Nezami N, **Xing M**, Ludwig JM, Strazzabosco M, Kim HS. Modeling of implementation of the new Organ Procurement and Transplantation Network/United Network for Organ Sharing policy for patients with hepatocellular carcinoma. *Journal of Comparative Effectiveness Research*. 2019 Sep;8(12):993-1002.
14. Nezami N, **Xing M**, Groenwald M, Silin D, Kokabi N, Latich I. Risk Factors of Infection and Role of Antibiotic Prophylaxis in Totally Implantable Venous Access Port Placement: Propensity Score Matching. *Cardiovascular and Interventional Radiology*. 2019 Sep;42(9):1302-1310.
15. Ghodadra A, **Xing M**, Kim HS. Yttrium-90 Radioembolization is Cost-Effective in Intrahepatic Cholangiocarcinoma: A SEER-Medicare Population Study. *Journal of Vascular and Interventional Radiology*. 2019 Mar;30(3):293-297.
16. Uhlig J, Kokabi N, **Xing M**, Kim HS. Ablation versus Resection for Stage 1A Renal Cell Carcinoma: National Variation in Clinical Management and Selected Outcomes. *Radiology*. 2018 Sep;288(3):889-897.
17. **Xing M**, Kokabi N, Zhang D, Ludwig JM, Kim HS. Comparative Effectiveness of Thermal Ablation, Surgical Resection, and Active Surveillance for T1a Renal Cell Carcinoma: A Surveillance, Epidemiology, and End Results (SEER)-Medicare-linked Population Study. *Radiology*. 2018 Jul;288(1):81-90.
18. **Xing M**, Kokabi N, Zhang D, Ludwig JM, Kim HS. Management of Small Renal Masses. *Radiology*. 2018 Oct;289(1):272-273.

19. Nezami N, Kokabi N, Camacho JC, Schuster DM, **Xing M**, Kim HS. ⁹⁰Y radioembolization dosimetry using a simple semi-quantitative method in intrahepatic cholangiocarcinoma: Glass versus resin microspheres. *Nuclear Medicine and Biology*. 2018 Apr;59:22-28.
20. Mills A, Thayer D, Noda C, Salter A, Tao Y, **Xing M**, Martin R, Ramaswamy R, Akinwande O. Thermal ablation versus surgical resection for localized hepatocellular carcinoma: a population study using the SEER database. *Future Oncology*. 2018 Mar;14(7):631-645.
21. Nautsch F, Ludwig JM, **Xing M**, Johnson KM, Kim HS. Racial Disparities and Sociodemographic Differences in Incidence and Survival Among Pediatric Patients in the United States With Primary Liver Cancer: A Surveillance, Epidemiology, and End Results (SEER) Population Study. *Journal of Clinical Gastroenterology*. 2018 Mar;52(3):262-267.
22. **Xing M**, Kokabi N, Camacho JC, Kim HS. Prospective longitudinal quality of life and survival outcomes in patients with advanced infiltrative hepatocellular carcinoma and portal vein thrombosis treated with Yttrium-90 radioembolization. *BMC Cancer*. 2018 Jan 12;18(1):75.
23. Kokabi N, Duszak R Jr, **Xing M**, Howard DH, Applegate KE, Camacho JC, Kim HS. Cancer-directed therapy and potential impact on survivals in nonresected hepatocellular carcinoma: SEER-Medicare population study. *Future Oncology*. 2017 Oct;13(23):2021-2033.
24. Ludwig JM, **Xing M**, Gai Y, Sun L, Zeng D, Kim HS. Targeted Yttrium 89-Doxorubicin Drug-Eluting Bead-A Safety and Feasibility Pilot Study in a Rabbit Liver Cancer Model. *Molecular Pharmaceutics*. 2017 Aug 7;14(8):2824-2830.
25. Holtmann LC, Eckstein A, Stähr K, **Xing M**, Lang S, Mattheis S. Outcome of a graduated minimally invasive facial reanimation in patients with facial paralysis. *European Archives of Oto-Rhino-Laryngology*. 2017 Aug;274(8):3241-3249.
26. Ludwig JM, Zhang D, **Xing M**, Kim HS. Meta-analysis: adjusted indirect comparison of drug-eluting bead transarterial chemoembolization versus ⁹⁰Y-radioembolization for hepatocellular carcinoma. *European Radiology*. 2017 May;27(5):2031-2041.
27. Lahti S, Ludwig JM, **Xing M**, Sun L, Zeng D, Kim HS. In vitro biologic efficacy of sunitinib drug-eluting beads on human colorectal and hepatocellular carcinoma-A pilot study. *PLoS One*. 2017 Apr 6;12(4):e0174539.
28. Kokabi N, Junn JC, **Xing M**, Hemingway J, Hughes D, Duszak R. Non-Research Industry Payments to Radiologists: Characteristics and Associations with Regional Medical Imaging Utilization. *Journal of the American College of Radiology*. 2017 Mar;14(3):418-425.e2.
29. **Xing M**, Sakaria S, Dhanasekaran R, Parekh S, Spivey J, Knechtle SJ, Zhang D, Kim HS. Bridging Locoregional Therapy Prolongs Survival in Patients Listed for Liver Transplant with Hepatocellular Carcinoma. *Cardiovascular and Interventional Radiology*. 2017 Mar;40(3):410-420.
30. Oligane HC, **Xing M**, Kim HS. Histopathologic and Bridging Local Regional Therapy Effects on Recurrence in Hepatocellular Carcinoma Liver Transplant Patients: United Network for Organ Sharing Population Study. *Radiology*. 2017 Mar;282(3):869-879.
31. Magnetta MJ, Ghodadra A, Lahti SJ, **Xing M**, Zhang D, Kim HS. Connecting cancer biology and clinical outcomes to imaging in KRAS mutant and wild-type colorectal cancer liver tumors following selective internal radiation therapy with yttrium-90. *Abdominal Radiology*. 2017 Feb;42(2):451-459.
32. **Xing M**, Prajapati HJ, Dhanasekaran R, Lawson DH, Kokabi N, Kim HS. Selective Internal Yttrium-90 Radioembolization Therapy (⁹⁰Y SIRT) versus Best Supportive Care in patients with Unresectable Metastatic Melanoma to the Liver Refractory to Systemic Therapy: Safety and Efficacy Cohort Study. *American Journal of Clinical Oncology*. 2017 Feb;40(1):27-34.
33. **Xing M**, Kim HS. Independent Prognostic Factors for Posttransplant Survival in Hepatocellular Carcinoma Patients undergoing Liver Transplantation. *Cancer Medicine*. 2017 Jan;6(1):26-35.
34. Cramer B, **Xing M**, Kim HS. Prospective Longitudinal Quality of Life Assessment in Patients with Neuroendocrine Tumor Liver Metastases receiving Yttrium-90 Radioembolization. *Clinical Nuclear Medicine*. 2016 Dec;41(12):e493-e497.
35. Magnetta MJ, **Xing M**, Zhang D, Kim HS. The Effect of Bridging Locoregional Therapy and Sociodemographics on Survival in Hepatocellular Carcinoma Patients Undergoing Orthotopic Liver Transplantation: A United Network for Organ Sharing Population Study. *Journal of Vascular and Interventional Radiology*. 2016 Dec;27(12):1822-1828.

36. Kokabi N, **Xing M**, Duszak R, Howard D, Camacho JC, Kim HS. Sociodemographic disparities in treatment and survival of small localized renal cell carcinoma: surgical resection versus thermal ablation. *Journal of Comparative Effectiveness Research*. 2016 Aug;5(5):441-52.
37. Ludwig JM, Ambinder EM, Ghodadra A, **Xing M**, Prajapati HJ, Kim HS. Lung Shunt Fraction prior to Yttrium-90 Radioembolization Predicts Survival in Patients with Neuroendocrine Liver Metastases: Single-Center Prospective Analysis. *Cardiovascular and Interventional Radiology*. 2016 Jul;39(7):1007-14.
38. Qu C, **Xing M**, Kim HS. The Impact of PleurX Catheters for Ascites and Peritoneal Carcinomatosis on Patient Rehospitalizations. *Cardiovascular and Interventional Radiology*. 2016 May;39(5):711-6.
39. Kokabi N, **Xing M**, Duszak R, Applegate KE, Camacho JC, Howard DH, Kim HS. Sociodemographic impact on survival in unresectable hepatocellular carcinoma: a Survival, Epidemiology and End Results study. *Future Oncology*. 2016 Jan;12(2):183–198.
40. **Xing M**, Kokabi N, Prajapati HJ, Close O, Ludwig JM, Kim HS. Independent Prognostic Factors of Survival in Unresectable AJCC Stage I & II Hepatocellular Carcinoma and the Effect of DEB-TACE: Surveillance, Epidemiology and End Results vs. Tertiary Cancer Center Cohort Study. *Journal of Comparative Effectiveness Research*. 2016 Mar;5(2):141-54.
41. Ludwig JM, Webber GR, Knechtle SJ, Spivey JR, **Xing M**, Kim HS. Percutaneous Management of Benign Biliary Strictures with Large-Bore Catheters: Comparison between Patients with and without Orthotopic Liver Transplantation. *Journal of Vascular and Interventional Radiology*. 2016 Feb;27(2):219-225.e1.
42. Ching KC, Santos E, McCluskey KM, Orons PD, Bandi R, Friend CJ, **Xing M**, Zureikat AH, Zeh HJ. Covered Stents and Coil Embolization for Treatment of Postpancreatectomy Arterial Hemorrhage. *Journal of Vascular and Interventional Radiology*. 2016 Jan;27(1):73-9
43. Ludwig JM, Camacho JC, Kokabi N, **Xing M**, Kim HS. The Role of Diffusion-Weighted Imaging (DWI) in Locoregional Therapy Outcome Prediction and Response Assessment for Hepatocellular Carcinoma (HCC): The New Era of Functional Imaging Biomarkers. *Diagnostics (Basel)*. 2015 Nov 30;5(4):546-63.
44. Kokabi N, Camacho JC, **Xing M**, Edalat F, Mittal PK, Kim HS. Immediate Post-Doxorubicin Drug-Eluting Beads Chemoembolization MR Apparent Diffusion Coefficient Quantification Predicts Response in Unresectable Hepatocellular Carcinoma: A Pilot Study. *Journal of Magnetic Resonance Imaging*. 2015 Oct;42(4):981-9.
45. Kokabi N, Ludwig JM, Camacho JC, **Xing M**, Mittal PK, Kim HS. Baseline and Early MR Apparent Diffusion Coefficient Quantification as a Predictor of Response of Unresectable Hepatocellular Carcinoma to Doxorubicin Drug-Eluting Bead Chemoembolization. *Journal of Vascular and Interventional Radiology*. 2015 Oct 22. pii: S1051-0443(15)00845-3.
46. Lahti SJ, **Xing M**, Zhang D, Lee JJ, Magnetta MJ, Kim HS. KRAS Status as an Independent Prognostic Factor for Survival after Yttrium-90 Radioembolization Therapy for Unresectable Colorectal Cancer Liver Metastases. *Journal of Vascular and Interventional Radiology*. 2015 Aug;26(8):1102-11.
47. **Xing M**, Kokabi N, Camacho JC, Schuster DM, Galt JR, Williams RW, Kim HS. Y90 Radioembolization Planning with MAA Shunt Study: Shunt Fraction as a Predictor of Overall Survival. *Clinical Nuclear Medicine*. 2015 Jul 28.
48. **Xing M**, Webber G, Prajapati HJ, Chen Z, El-Rayes B, Spivey JR, Pillai AA, Kim HS. Preservation of quality of life with doxorubicin drug-eluting bead transarterial chemoembolization for unresectable hepatocellular carcinoma: Longitudinal prospective study. *Journal of Gastroenterology and Hepatology*. 2015 Jul;30(7):1167-74.
49. Kokabi N, Camacho JC, **Xing M**, El-Rayes BF, Spivey JR, Knechtle SJ, Kim HS. Open-label Prospective Study of Safety and Efficacy of Glass-based Y90 Radioembolization for Infiltrative Hepatocellular Carcinoma with Portal Vein Thrombosis. *Cancer*. 2015 Jul 1;121(13):2164-74.
50. Camacho JC, Kokabi N, **Xing M**, Master V, Pattaras J, Mittal P, Williams RS, Kim HS. R.E.N.A.L. (Radius, exophytic/endophytic, nearness to collecting system or sinus, anterior/posterior, and location relative to polar lines) nephrometry score predicts early tumor recurrence and complications after percutaneous ablative therapies for renal cell carcinoma: a 5-year experience. *Journal of Vascular and Interventional Radiology*. 2015 May;26(5):686-93.
51. Sharma GB, Robertson DD, **Xing M**, Harmouche E, Podgorsky Y, Laney DA, Gambello MJ, Lisi E, Long V, Chamieh J, Terk M. Trabeculae Bone Structure Analysis in Individuals Affected by Type 1 Gaucher Disease using Micro Magnetic Resonance Imaging. *Molecular Genetics and Metabolism*. 2015 Feb;114(2):S74

52. Prajapati HJ, **Xing M**, Hanish SI, Chen Z, Kim HS. Survival, efficacy and safety of small versus large Doxorubicin Drug Eluting Beads Transcatheter Chemoembolization in patients with Unresectable Hepatocellular Carcinoma. *AJR American Journal of Roentgenology*. 2014 Dec;203(6):W706-14.
53. Camacho JC, Kokabi N, **Xing M**, Schuster DM, Kim HS. PET response criteria for solid tumors predict survival at three months after intra-arterial resin-based ⁹⁰Yttrium radioembolization therapy for unresectable intrahepatic cholangiocarcinoma. *Clinical Nuclear Medicine*. 2014 Nov;39(11):944-50.
54. Kokabi N, Camacho JC, **Xing M**, Mittal PK, Katajima H, Kim HS. Apparent diffusion coefficient quantification as an early imaging biomarker of response and predictor of survival following yttrium-90 radioembolization for unresectable infiltrative hepatocellular carcinoma with portal vein thrombosis, *Abdominal Imaging*. 2014 Oct;39(5):969-78.
55. Datir A, **Xing M**, Kakarala A, Harkey P, Carpenter WA, Kang J, Terk MR. Diagnostic Performance of MR and MR Arthrography for Ligamentum Teres: A Retrospective Analysis of 205 Patients with Hip Pain. *American Journal of Roentgenology*. 2014 Aug;203(2):418-23.
56. Harmouche E, Robertson D, Kogler G, **Xing M**, Terk M. Tarsal navicular bone size in diabetics: radiographic assessment. *Skeletal Radiology*. 2014 May; 43(7):969-972.
57. Taylor RL, **Xing M**, Black DA, Halmagyi GM, Welgampola MS. Ocular vestibular evoked myogenic potentials: The effect of head and body tilt in the roll plane. *Clinical Neurophysiology*. 2014 Mar;125(3):627-34.
58. Camacho JC, Kokabi N, **Xing M**, Prajapati HJ, El-Rayes BF, Kim HS. Modified Response Evaluation Criteria In Solid Tumors and European Association for the Study of the Liver Criteria Using Delayed-Phase Imaging at an Early Time Point Predict Survival in Patients with Unresectable Intrahepatic Cholangiocarcinoma following Yttrium-90 Radioembolization. *Journal of Vascular and Interventional Radiology*. 2014 Feb;25(2):256-65.
59. Kokabi N, Galt JR, **Xing M**, Camacho JC, Barron BJ, Schuster DM, Kim HS, A Simple Method for Estimating Dose Delivered to Hepatocellular Carcinoma After Yttrium-90 Glass-Based Radioembolization Therapy: Preliminary Results of a Proof of Concept Study. *Journal of Vascular and Interventional Radiology*. 2014 Feb;25(2):277-87.
60. Datir A, **Xing M**, Kakarala A, Terk MR, Labib SA. Radiographic evaluation of INBONE total ankle arthroplasty: a retrospective analysis of 30 cases. *Skeletal Radiology*. 2013 Dec;42(12):1693-701.
61. Moriarty JM, Shaw G, **Xing M**, Kee ST, Farrell JJ. Endoscopic removal of migrated vascular embolic material from the duodenum with endovascular control. *Gastrointestinal Endoscopy*. 2012;76(2):461-463
62. Moriarty JM, **Xing M**, Loh CT. Particle Embolization to Control Life-Threatening Haemorrhage from a Fungating Locally Advanced Breast Carcinoma: a Case Report. *Journal of Medical Case Reports*. 2012 Jul;6:186
63. **Xing M**, Kokabi N, Coulston CM, Mahli GS. Ethical dilemmas faced by psychiatrists when assessing and treating criminals. *Journal of Ethics in Mental Health*. 2011 Jun;6(1):1-3.
64. Kokabi N, Raper DM, **Xing M**, Giuffre B. The application of imaging guidelines in patients with suspected cervical spine trauma: retrospective analysis and literature review. *Emergency Radiology*. 2011 Jan;18(1):31-38

Published Review Articles

65. Oligane HC, Close ON, **Xing M**, Kim HS. Bridging locoregional therapy: Longitudinal trends and outcomes in patients with hepatocellular carcinoma. *Transplantation Reviews*. 2017 Apr;31(2):136-143.
66. Kokabi N, Harmouche E, **Xing M**, Shuaib W, Mittal PK, Wilson K, Johnson JO, Nicolaou S, Khosa F. Specific Radiological Findings of Traumatic Gastrointestinal Tract Injuries in Patients with Blunt Chest and Abdominal Trauma. *Canadian Association of Radiologists Journal*. 2015 May;66(2):158-163.
67. Kokabi N, **Xing M**, Shuaib W, Johnson JO, Khosa F. Intra-abdominal solid organ injuries: what the trauma team needs to know - pictorial essay & simple management algorithms. *Canadian Association of Radiologists Journal*. 2014 Nov;65(4):301-309.
68. **Xing M**, Kooby DA, Kokabi N, Camacho JC, Kim HS. Locoregional Therapies for Metastatic Colorectal Carcinoma to the Liver – an Evidence-Based Review. *Journal of Surgical Oncology*. 2014 Aug;110(2):182-96.
69. **Xing M**, Parker EI, Moreno-De-Luca A, Harmouche E, Terk MR. Radiological and Clinical Characterization of the Lysosomal Storage Disorders: Non-Lipid Disorders. *British Journal of Radiology*. 2014 Jan;87(1033):20130467.
70. **Xing M**, Kokabi N, Camacho JC, Kooby DA, El-Rayes BF, Kim HS. ⁹⁰Y radioembolization versus chemoembolization in the treatment of hepatocellular carcinoma: an analysis of comparative effectiveness, *Journal of Comparative Effectiveness Research*. 2013 Jul;2(4):435-44.

Submitted Manuscripts in Refereed Journals

- 71. Xing M**, Kokabi N, Kim HS. Cost Effectiveness of Percutaneous Ablation vs. Surgical Resection for T1a Renal Cell Carcinoma: SEER-Medicare Population Study. *Radiology*. Under editorial review.
- 72.** Dhanasekaran R, **Xing M**, Dursun N, Adsay V, Parekh S, Subramaniam R, Spivey JR, Hanish SI, Kim HS. Post-transplant Hepatocellular Carcinoma Recurrence in patients receiving bridging Locoregional Therapy. *Clinical Transplantation*. Under editorial review.
- 73. Xing M**, Kokabi N, Kim HS. Interventional Radiology-based Multidisciplinary Management vs. Endoscopic Management of Malignant Biliary Obstruction: A Comparative and Cost-Effectiveness Population Study. *Radiology*. Under editorial review.
- 74.** Imanzadeh A, Kokabi N, Camacho J, **Xing M**, Schuster D, Pourjabbar S, Kim HS. Estimated Tumor Dose after Resin-based ⁹⁰Yttrium as a Prognostic Factor for in Patients with Unresectable Chemo-refractory Intrahepatic Cholangiocarcinoma: A Proof-of-Concept Study. *Journal of Nuclear Medicine*. Under editorial review.

Manuscript Reviewer

- 2022-present Reviewer for *Cancer Medicine*
- 2019-present Reviewer for *Health and Quality of Life Outcomes*
- 2017-present Reviewer for *BMC Cancer*
- 2015-present Reviewer for *American Journal of Clinical Oncology*
- 2014-present Reviewer for *Journal of Comparative Effectiveness Research*
- 2013-present Reviewer for *Journal of Medical Case Reports and Emergency Radiology*

PEER-REVIEWED PRESENTATIONS AND SYMPOSIA GIVEN AT MEETINGS

- 2024** National Conference of Family Medicine Residents and Medical Students, American Association of Family Physicians. Barker M, Colburn J, Fusco C, Hodge B, Moss K, Steward A, Dixon S, Fagan B, **Xing M**, Cabello-De la Garza A. "Artificial Intelligence and Access: The Future of AI-Enhanced Healthcare Mapping in Western North Carolina".
- 2023** Annual Meeting and Conference, Georgia Public Health Association, Jekyll Island, GA. O'Reilly L, Fowler R, Patimeteeporn C, **Xing M**. "Identifying DeKalb County's disparities in 2022 mpox cases versus vaccination rates to achieve vaccine equity".
- 2022** Annual Scientific Meeting, American Public Health Association, Boston, MA. Scott, J, **Xing M**, Valenciano SJ. "Characterizing COVID-19 breakthrough infections in DeKalb and Fulton Counties, Georgia, January 2021 – February 2022".
- 2022** Annual Scientific Meeting, American Public Health Association, Boston, MA. Schneider Z, **Xing M**, Patimeteeporn C, Valenciano SJ. "An Analysis of the Characteristics of COVID-19 Patients Reported by a Metro Atlanta Local Health Department, DeKalb County, GA, March 2020 to April 2022".
- 2022** Annual Scientific Meeting, American Public Health Association, Boston, MA. Bhai S, **Xing M**, Patimeteeporn C, Valenciano SJ. "Evaluating Telehealth Equipment's Impact on Access to Virtual Services for Babies Can't Wait (BCW) and Children's Medical Services (CMS) Clients in DeKalb County, Georgia".
- 2020** Annual Scientific Meeting, Society of Interventional Radiology, Seattle, WA. Shinn K, Hanna T, Fan S, Hawkins C, Risk B, Chahine A, Johnson J, **Xing M**, Duszak R, Newsome J, Kokabi N. "The Role of Interventional Radiology in the Contemporary Management of Pediatric Blunt Splenic Trauma: A National Trauma Data Bank Analysis".
- 2020** Annual Scientific Meeting, Society of Interventional Radiology, Seattle, WA. Gilyard S, Chahine A, Fan S, Hanna T, Risk B, Johnson J, Newsome J, **Xing M**, Duszak R, Findeiss L, Kokabi N. "The Role of Interventional Radiology in the Contemporary Management of Splenic Trauma: A National Trauma Data Bank Study".
- 2020** Annual Scientific Meeting, American Diabetes Association. Hafeez S, Vellanki P, **Xing M**, Umpierrez G. "Immune Checkpoint Inhibitor Induced Diabetes and Diabetic Ketoacidosis".
- 2020** Annual Meeting, American Society of Emergency Radiology, Seattle, WA. Kokabi N, Raper DM, **Xing M**, Giuffre BM, "Application of Diagnostic Imaging Algorithms in Early Detection of Cervical Spine Injuries in Elderly Victims of Blunt Trauma".

- 2019 Annual Scientific Meeting, Society of Interventional Radiology, Austin, TX. Cronan J, Horný M, Spies J, Newsome J, Carlos R, Hughes D, Duszak R, **Xing M**, Kokabi N. “National Variation in Management of Symptomatic Uterine Fibroids in Contemporary Clinical Practice”.
- 2019 Annual Scientific Meeting, Society of Interventional Radiology, Austin, TX. Horný M, Cronan J, Duszak R, Spies J, Newsome J, Carlos R, Hughes D, **Xing M**, Kokabi N. “Comparison of Direct Procedural and Episode of Care Cost for Invasive Therapies in Management of Uterine Fibroid Embolization and Associated Patient-Incurred Financial Burden”.
- 2019 Annual Scientific Meeting, Cardiovascular and Interventional Radiology Society of Europe, Barcelona, Spain. Davisson N, Horný M, Newsome J, Carlos R, Hughes D, Duszak R, **Xing M**, Kokabi N. “Utilization of Pre and Post Procedural Pelvic MRI in Patients with Symptomatic Uterine Fibroids Undergoing Invasive Therapies and Associated Direct Cost”.
- 2019 Annual Scientific Meeting, Cardiovascular and Interventional Radiology Society of Europe, Barcelona, Spain. Patil M, Bercu Z, Martin L, Dariushnia S, **Xing M**, Kokabi N. “Safety and Efficacy of Intra-arterial Calcium Stimulation for Preoperative Localization of Occult Functional Neuroendocrine Tumors: a 15-year single-center multi- hospital experience”.
- 2018 Annual Scientific Meeting, Cardiovascular and Interventional Radiological Society of Europe, Copenhagen, Denmark. Kokabi N, **Xing M**, Groenwald M, Kapetanovic, Friedman T, Silin D, Latich I. “Efficacy of Single Dose Prophylactic Preprocedural Antibiotics Administration for Port Placement”
- 2017 Digestive Diseases Week 2017, Chicago, IL. **Xing M**, Wang P, Hutfless S. “Detection of Post-Endoscopy Infection Outbreaks using Administrative Claims Data”.
- 2017 Annual Scientific Meeting, Society of Interventional Radiology, Boston, MA. Kokabi N. **Xing M**, Kim HS. “Contemporary national variation in clinical management and outcome for stage Ia renal cell carcinoma: an National Cancer Data Base (NCDB) study”.
- 2017 Annual Scientific Meeting, Society of Interventional Radiology, Boston, MA. Magnetta M, Ghodadra A, Close O, **Xing M**, Kim HS. “IVC filter implantation time correlates with risk of thromboembolic complication”.
- 2017 Annual Meeting, American College of Medical Quality, Washington, DC. **Xing M**, Wang P, Hutfless S. “Use of HCUP Database to detect Post-Endoscopy Infectious Outbreaks” 2016 Annual Meeting, World Conference on Interventional Oncology, Boston, MA. **Xing M**, Ludwig JM, Kokabi N, Kim HS. “Impact of New OPTN/UNOS MELD Scoring System for Hepatocellular Carcinoma on Transplantation Allocation”.
- 2016 Annual Meeting, World Conference on Interventional Oncology, Boston, MA. **Xing M**, Kokabi N, Kim HS. “Comparative and Cost-effectiveness of Cancer Directed Therapy for Unresectable Hepatocellular Carcinoma: A SEER-Medicare Population Study”.
- 2016 Annual Meeting, World Conference on Interventional Oncology, Boston, MA. Ghodadra A, **Xing M**, Kim HS. “Radioembolization improves survival in Intrahepatic Cholangiocarcinoma: A SEER-Medicare Population Study”.
- 2016 Annual Meeting, World Conference on Interventional Oncology, Boston, MA. Kokabi N, **Xing M**, Kim HS. “The Highest Cited Articles in Interventional Oncology: where are they published and by whom?”
- 2016 Annual Scientific Meeting, Society of Interventional Radiology, Vancouver, BC. Kokabi N, Camacho JC, **Xing M**, Schuster DM, Kim HS. “Estimating Differences in Y90 Dosimetry in Patients with Intrahepatic Cholangiocarcinoma treated with Resin-based and Glass-based microspheres by a Simple Semi-quantitative Method”.
- 2016 Annual Scientific Meeting, Society of Interventional Radiology, Vancouver, BC. **Xing M**, Kokabi N, Kim HS. “Cost-Utility Analysis of Surgery vs. Ablation in Stage T1a Renal Cell Carcinoma: a Surveillance, Epidemiology, and End Results (SEER)-Medicare Study”.
- 2016 Annual Scientific Meeting, Society of Interventional Radiology, Vancouver, BC. **Xing M**, Ludwig JM, Kokabi N, Kim HS. “New OPTN/UNOS MELD Scoring System for Hepatocellular Carcinoma: Impact on Transplantation Allocation”.
- 2015 Annual Scientific Meeting, Radiological Society of North America, Chicago, IL. Kokabi N, **Xing M**, Duszak R, Applegate KE, Camacho JC, Kim HS, “The Effect of Sociodemographic Determinants of Receipt of Cancer Directed Therapy on Survival and Therapeutic Efficacy in AJCC Stage I and II Unresectable Hepatocellular Carcinoma: A SEER-Medicare Population Study”.

- 2015 Annual Scientific Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kim HS, "The Effect of Bridging Locoregional Therapy on Recurrence in HCC OLT Patients: UNOS Population Study".
- 2015 Annual Scientific Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kim HS, "Age Impacts Choice of Partial Nephrectomy vs. Percutaneous Ablation for Stage T1a Renal Cell Carcinoma: a Surveillance, Epidemiology and End Results (SEER)-Medicare Population Study".
- 2015 Annual Scientific Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kim HS, "Outcomes in Transjugular Intrahepatic Portosystemic Shunting for Liver Transplant Patients: A UNOS Population Study".
- 2015 Annual Scientific Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kim HS, "The Effect of Locoregional Therapies and Transjugular Intrahepatic Portosystemic Shunting for Hepatocellular Carcinoma (HCC) Liver Transplant Patients: A UNOS Population Study".
- 2015 Annual Scientific Meeting, American Society for Clinical Oncology, Chicago, IL. **Xing M**, Kim HS, "Survival and Care Advantage in Patients with AJCC T1 Stage Hepatocellular Carcinoma in Transplant Centers: UNOS and SEER Population Studies".
- 2015 Annual Scientific Meeting, American Society for Clinical Oncology, Chicago, IL. **Xing M**, Kim HS, "The Effect of Socio-Demographic Factors and Therapeutic Outcomes on Survival in Pediatric Liver Cancers: a Surveillance, Epidemiology and End Results (SEER) Population Study".
- 2015 Annual Scientific Meeting, American Society for Clinical Oncology, Chicago, IL. Ludwig JM, **Xing M**, Kim HS, "The Effect of Demographics and Socio-Economic Factors on Survival in Unresectable Intrahepatic Cholangiocarcinoma: a Surveillance, Epidemiology and End Results (SEER) Population Study".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. **Xing M**, Kim HS, "The Effect of Sociodemographics on Survival in Hepatocellular Carcinoma Patients undergoing Orthotopic Liver Transplantation: UNOS Population Study".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Kokabi N, **Xing M**, Duszak R, Applegate KE, Camacho JC, Howard DH, Kim HS, "Survival Trends and Therapeutic Efficacy in Unresectable Hepatocellular Carcinoma and the Effect of Sociodemographic Determinants: National SEER-Medicare Population Study".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Kokabi N, **Xing M**, Duszak R, Applegate KE, Camacho JC, Howard DH, Kim HS, "Comparative Effectiveness analysis of Surgery vs. Ablation for stage T1a Renal Cell Carcinoma in the SEER Population".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Ludwig JM, **Xing M**, Kim HS, "Comparative Effectiveness Analysis of Drug- Eluting Bead Transarterial Chemoembolization (DEB-TACE) versus ⁹⁰Y-Radioembolization for Hepatocellular Carcinoma".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Jia J, **Xing M**, Kim HS, "Transforming Interventional Oncology: Principles needed in the new ACO, Presented at the World Conference on Interventional Oncology".
- 2015 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Jia J, **Xing M**, Kim HS, "Improved Cytotoxicity with a Novel Mitochondria-targeted Doxorubicin Prodrug in Colorectal Carcinoma Cells".
- 2015 Annual Meeting, American Transplant Congress, Philadelphia, PA. **Xing M**, Kim HS, "Independent Prognostic Factors for Survival in Hepatocellular Carcinoma Patients undergoing Orthotopic Liver Transplantation: UNOS Population Study".
- 2015 Annual Meeting, American Association for Cancer Research. Jia J, **Xing M**, Ling X, Bai M, Kim HS, "Novel Mitochondria-Targeted Doxorubicin Prodrug for Colorectal Cancer and Hepatocellular Carcinoma: In Vitro Studies,".
- 2015 Annual Scientific Meeting, Society for Interventional Radiology, Atlanta, GA. **Xing M**, Kim HS, "The Effect of Sociodemographics on Survival in Hepatocellular Carcinoma Patients undergoing Orthotopic Liver Transplantation: UNOS Population Study".
- 2015 Annual Scientific Meeting, Society for Interventional Radiology, Atlanta, GA. **Xing M**, Kim HS, "Bridging Locoregional Therapies and Longer Wait Times Prolong Survival in Hepatocellular Carcinoma Patients undergoing Orthotopic Liver Transplantation: UNOS Population Study".

- 2015 Annual Scientific Meeting, Society for Interventional Radiology, Atlanta, GA. Lahti SJ, **Xing M**, Kim HS “KRAS Mutations Predict Survival of Yttrium-90 Radioembolization Therapy in Patients with Unresectable Colorectal Liver Metastases”.
- 2015 Annual Scientific Meeting, Society for Interventional Radiology, Atlanta, GA. Qu C, **Xing M**, Kim HS, “The Impact of PleurX Catheters for Ascites and Peritoneal Carcinomatosis on Patient Rehospitalizations”.
- 2015 Annual Scientific Meeting, Society for Interventional Radiology, Atlanta, GA. Kokabi N, **Xing M**, Duszak R, Applegate KE, Camacho JC, Howard DH, Kim HS, “Disparities in the Contemporary Clinical Management of Stage IA Renal Cell Carcinoma: a Surveillance, Epidemiology, and End Results (SEER) Study”.
- 2015 Annual Scientific Meeting, WORLDSymposium, Orlando, FL. Qu C, Long V, Sharma GB, Robertson DD, **Xing M**, Harmouche E, Podgorsky Y, Laney DA, Gambello MJ, Lisi E, Chamieh J, Terk MR, “Trabeculae bone structure analysis in individuals affected by type 1 Gaucher disease using micro magnetic resonance imaging”.
- 2015 Gastrointestinal Cancers Symposium, American Society of Clinical Oncology, San Francisco, CA. Lahti SJ, **Xing M**, Kim HS, “KRAS Mutations in Patients with Unresectable Colorectal Liver Metastases Predict Survival Following Yttrium-90 Radioembolization”.
- 2015 Gastrointestinal Cancers Symposium, American Society of Clinical Oncology, San Francisco, CA. Lahti SJ, **Xing M**, Kim HS, “The Effect of Bridging Locoregional Therapies on Survival in Hepatocellular Carcinoma Patients undergoing Orthotopic Liver Transplantation: UNOS Population Study”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kokabi N, Duszak R, Applegate KE, Camacho JC, Kim HS, “The Effect of Demographics and Socio-Economic Factors on Survival in Unresectable Hepatocellular Carcinoma: a Surveillance, Epidemiology and End Results (SEER) Population Study”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kokabi N, Kim HS, “The Effect of Age on Survival Outcomes in Unresectable Hepatocellular Carcinoma Treated with DEB-TACE: Surveillance, Epidemiology and End Results (SEER) Database vs. Tertiary Cancer Center”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kokabi N, Camacho JC, Kim HS, “The Effect of Demographics and Socio-Economic Factors on Survival in Unresectable Intrahepatic Cholangiocarcinoma: a Surveillance, Epidemiology and End Results (SEER) Population Study”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Kokabi N, Kim HS, “The Effect of Age on Survival Outcomes in Unresectable Intrahepatic Cholangiocarcinoma treated with Y90 Radioembolization: Surveillance, Epidemiology and End Results (SEER) vs. Tertiary Cancer Center”.
- 2014 Liver Meeting, American Association for the Study of Liver Diseases, Boston, MA. **Xing M**, Kokabi N, Camacho JC, Kim HS, “The Effect of Demographics and Socio-Economic Factors on Survival in Metastatic Neuroendocrine Tumors: a Surveillance, Epidemiology and End Results (SEER) Population Study”.
- 2014 Liver Meeting, American Association for the Study of Liver Diseases, Boston, MA. **Xing M**, Prajapati HJ, Webber G, Kim HS, “Staged Doxorubicin Eluting Bead Transarterial Chemoembolization Therapy for Unresectable Hepatocellular Carcinoma Confers to Survival Advantage with Preservation of Quality of Life”
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Kokabi N, Camacho JC, Edalat F, **Xing M**, Mittal PK, Kim HS, “Baseline MR Apparent Diffusion Coefficient Quantification as a Predictor of Response of Unresectable Hepatocellular Carcinoma to Doxorubicin Drug-Eluting Beads Chemoembolization”.
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Kokabi N, Camacho JC, **Xing M**, Edalat F, Mittal PK, Kim HS, “Immediate Post-Doxorubicin Drug-Eluting Beads Chemoembolization MR Apparent Diffusion Coefficient Quantification Predicts Response in Unresectable Hepatocellular Carcinoma”.
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Camacho JC, Kokabi N, **Xing M**, Master V, Pattaras J, Mittal PK, Kim HS, “MR Apparent Diffusion Coefficient (ADC) at 3 months after Percutaneous Cryoablation for high-risk Renal Cell Carcinomas (RCC) Predicts Tumor Viability”.
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Camacho JC, Kokabi N, **Xing M**, Karagulle-Kendi AK, Galt JR, Schuster DM, Kim HS, “Standardized added metabolic activity (SAM) at 3-months predicts survival in patients with unresectable Intrahepatic Cholangiocarcinoma (ICC) refractory to standard chemotherapy following intra-arterial Yttrium-90 (Y-90) resin-based radioembolization: a volume independent marker of total lesion glycolysis”.

- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Cramer BM, **Xing M**, Kim HS, "Longitudinal Quality of Life Assessment in Patients with Hepatic Tumors Treated with CT-guided Radiofrequency Ablation".
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Cramer BM, **Xing M**, Kim HS, "Longitudinal Quality of Life Assessment in Patients with Renal Cell Carcinoma Treated with Cryoablation".
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. **Xing M**, Sakaria S, Dhanasekaran R, Kokabi N, Camacho JC, Parekh S, Spivey JR, Kim HS, "Bridging Locoregional Therapy Long-Term Survival Trends in Hepatocellular Carcinoma Patients Listed for Liver Transplant Within the Milan Criteria: a 15-year experience".
- 2014 Annual Meeting, World Conference on Interventional Oncology, New York, NY. **Xing M**, Kokabi N, Camacho JC, Schuster DM, Galt JR, Williams RS, Kim HS, "Y90 Radioembolization Planning with MAA Shunt Study: Shunt Fraction as a Predictor of Overall Survival".
- 2014 Annual Meeting, Society of Skeletal Radiology, San Diego, CA. Datir A, **Xing M**, Kakarala A, Harkey P, Carpenter WA, Kang J, Terk MR, "Diagnostic Performance of MR and MR Arthrography for Ligamentum Teres: A Retrospective Analysis of 205 Patients with Hip Pain".
- 2014 Annual Meeting, Society of Skeletal Radiology, San Diego, CA. Harmouche E, Means S, Kakarala A, **Xing M**, Terk MR, "Assessment Of The Sheath Fluid Volume Around Posterior Tibialis Tendon By Magnetic Resonance Imaging And Correlation To Clinical Symptoms".
- 2014 Annual Meeting, Society of Skeletal Radiology, San Diego, CA. Robertson DD, Sharma GB, **Xing M**, Harmouche E, McMahon PJ, "Beyond Morphology, Functional Imaging Prediction of Subject-Specific Adaptive Bone Remodeling".
- 2014 Annual Meeting, Society of Skeletal Radiology, San Diego, CA. Robertson DD, Carpenter WA, Sharma GB, Harmouche E, **Xing M**, "CT Metal Artifact Suppression: A Decade's Progress, What's Next?"
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. Camacho JC, Kokabi N, **Xing M**, Master V, Pattaras J, Mittal PK, Kim HS, "R.E.N.A.L. Nephrometry score predicts early tumor recurrence and complications after percutaneous ablation: a 5-year experience".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. Kokabi N, Camacho JC, **Xing M**, Qiu D, Katajima H, Mittal PK, Kim HS, "MR Apparent Diffusion Coefficient Quantification as an Imaging Biomarker for Anatomic Response of Unresectable Hepatocellular Carcinoma to Doxorubicin Drug-Eluting Beads Chemoembolization".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. Kokabi N, Camacho JC, **Xing M**, Qiu D, Katajima H, Mittal PK, Kim HS, "Immediate Post-Doxorubicin Drug-Eluting Beads Chemoembolization MR Apparent Diffusion Coefficient Quantification Predicts Response in Unresectable Hepatocellular Carcinoma".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. Kokabi N, Camacho JC, **Xing M**, Schuster DM, Galt JR, Kim HS, "Resin-based Yttrium-90 Estimation as a Prognostic Factor for Survival in Patients with Chemorefractory Intrahepatic Cholangiocarcinomas: A Proof Of Concept Study".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. Kokabi N, Camacho JC, **Xing M**, El-Rayes BF, Kauh J, Kim HS, "Prospective Open-label Single Center Study of Safety and Efficacy of Glass-based Y90 Radioembolization for Infiltrative HCC with PVT".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. **Xing M**, Prajapati HJ, Kokabi N, Camacho JC, El-Rayes BF, Kim HS, "Survival Trends in Chemorefractory Unresectable Intrahepatic Cholangiocarcinoma and the Effect of Resin-based Yttrium-90 Radioembolization: Surveillance, Epidemiology and End Results Database vs. Tertiary Cancer Center".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. **Xing M**, Prajapati HJ, Kokabi N, Camacho JC, El-Rayes BF, Kim HS, "Survival Trends in Unresectable Hepatocellular Carcinoma and the Effect of DEB-TACE: Surveillance, Epidemiology and End Results Database vs. Tertiary Cancer Center".
- 2014 Annual Scientific Meeting, Society for Interventional Radiology, San Diego, CA. **Xing M**, Dhanasekaran R, Kokabi N, Camacho JC, Parekh S, Knechtle SJ, Adsay V, Spivey JR, Kim HS, "Clinicopathologic Factors Predicting Hepatocellular Carcinoma Recurrence in Patients Receiving Bridging Locoregional Therapy for Orthotopic Liver Transplantation: a 15-year experience".

- 2014 Gastrointestinal Cancers Symposium, American Society of Clinical Oncology, San Francisco, CA. **Xing M**, Prajapati HJ, Kokabi N, Camacho JC, El-Rayes BF, Kim HS, “Survival Trends in Unresectable Hepatocellular Carcinoma and the Effect of DEB-TACE: Surveillance, Epidemiology and End Results Database vs. Tertiary Cancer Center”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Parker EI, Terk MR, “Vertebral Biopsy in Patients with Suspected Osteomyelitis: Does It Change Management?”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. **Xing M**, Umpierrez MB, Terk MR, “Clinical and Imaging Features of Heterotopic Ossification and Myositis Ossificans Following Trauma to the Brain and Spinal Cord: A Pictorial Review”.
- 2014 Annual Meeting, Radiological Society of North America, Chicago, IL. Kokabi N, Camacho JC, **Xing M**, Mittal PK, Kim HS, “Early Therapy Response Biomarkers of Apparent Diffusion Coefficient (ADC) Quantification following Glass-based Yttrium-90 Radioembolization for Unresectable Infiltrative Hepatocellular Carcinoma (HCC)”.
- 2013 Annual Meeting, World Conference on Interventional Oncology, New York, NY. **Xing M**, Kokabi N, Camacho JC, Spivey JR, Hanish SI, El-Rayes BF, Wang X, Kim HS, “Longitudinal Quality of Life Assessment in Patients with Unresectable Advanced Infiltrative Hepatocellular Carcinoma with Portal Vein Thrombosis Post Yttrium-90 Radioembolization”.
- 2013 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Kokabi N, Camacho JC, **Xing M**, Spivey JR, Hanish SI, El-Rayes BF, Wang X, Kim HS, “Safety, Efficacy and Prognostic Factors of Survival for Yttrium-90 Radioembolization therapy in Unresectable Advanced Hepatocellular Carcinoma with Portal Vein Thrombosis: A Midterm Report from a Single Center Prospective Feasibility Study”.
- 2013 Annual Meeting, World Conference on Interventional Oncology, New York, NY. Camacho JC, Kokabi N, **Xing M**, Prajapati HJ, El-Rayes BF, Kim HS, “mRECIST Criteria Responses at an early time point by contrast enhanced imaging Predicts Survival in Patients with unresectable Intrahepatic Cholangiocarcinoma (ICC) refractory to standard chemotherapy following Intra-arterial Yttrium-90 (Y-90) Resin-based Radioembolization”.
- 2011 Annual Meeting, Eastern Orthopedic Association, Williamsburg, VA. Lazaro LE, Cymerman RM, Helfet DL, Lorch DG, Reinhardt KR, **Xing M**, “Low Energy Patellar Fractures: An Osteoporotic Fracture and Sign of Decreased Bone Strength in Men?”.
- 2010 Annual Meeting, Radiological Society of North America, Chicago, IL. Kokabi N, **Xing M**, Giuffre B, “The Efficacy of Goergen's Diagnostic Algorithm in Stratifying Blunt Trauma Victims Based on Their Risk of Sustaining Cervical Spine Injury”.

MENTORSHIP/SUPERVISORY TEACHING

1. Andrew Caddell – UNC at Chapel Hill Doctor of Medicine Candidate, 2024
2. Lauren Jones – UNC at Chapel Hill Master of Public Health Candidate, 2024
3. Nyasia Johnson – UNC at Chapel Hill Master of Public Health Candidate, 2024
4. Melissa Teschendorf – UNC at Chapel Hill Master of Public Health Candidate, 2024
5. Mohanapriya Cumaran – UNC at Chapel Hill Master of Public Health Candidate, 2024
6. Karina Heredia – UNC at Chapel Hill Master of Public Health Candidate, 2024
7. Sarah Jefcoat – UNC at Chapel Hill Master of Public Health Candidate, 2024
8. Sammie Kim – UNC at Chapel Hill Master of Public Health Candidate, 2024
9. Sarah Lamb – UNC at Chapel Hill Master of Public Health Candidate, 2024
10. Xin Ling – UNC at Chapel Hill Master of Public Health Candidate, 2024
11. Jacqueline Mansfield – UNC at Chapel Hill Master of Public Health Candidate, 2024
12. Cassidy Michot – UNC at Chapel Hill Master of Public Health Candidate, 2024
13. Lauren Nogan – UNC at Chapel Hill Master of Public Health Candidate, 2024
14. Dilan Patel – UNC at Chapel Hill Master of Public Health Candidate, 2024
15. Zaynab Qatu – UNC at Chapel Hill Master of Public Health Candidate, 2024
16. Richaun Riddick – UNC at Chapel Hill Master of Public Health Candidate, 2024
17. Olivia Schaffer – UNC at Chapel Hill Master of Public Health Candidate, 2024

18. Anna Senter – UNC at Chapel Hill Master of Public Health Candidate, 2024
19. Nyria Villarreal Garcia – UNC at Chapel Hill Master of Public Health Candidate, 2024
20. Ash Chen – University of North Carolina at Chapel Hill Undergraduate in English Literature, 2023-2025
21. Lucas O'Reilly, MPH – Emory COVID-19 Response Collaborative Fellow, 2022-2023
22. Jane Scott, MD – Emory School of Medicine Junior Faculty, 2021-2023
23. Zoe Schneider, MPH – Emory COVID-19 Response Collaborative Fellow, 2021-2023
24. Hariharan Athreya, MD, MPH – Emory Preventative Medicine Resident, 2021-2023
25. India Kellum – MPA Candidate, Public Health Analyst and Emergency Preparedness Specialist, 2021-2023
26. Jamika Datcher – MPH Candidate, GA Department of Public Health Intern, 2021-2023
27. Sadaf Bhai, MPH – Emory COVID-19 Response Collaborative Fellow, 2021-2023
28. Alex Paras, MD, MPH – Emory Preventative Medicine Resident, 2021
29. Lenora Ealy – MPH Candidate, GA Department of Public Health Intern, 2021-2022
30. Erick Mbuguje, MD – Muhimbili University of Health and Allied Sciences Trainee, 2018-2020
31. Ivan Rukundo, MD – Muhimbili University of Health and Allied Sciences Trainee, 2018-2020
32. Azza Naif, MD – Muhimbili University of Health and Allied Sciences Trainee, 2018-2020
33. Di Zhang, PhD – University of Pittsburgh PhD Candidate, 2017
34. Steve Lahti, MD – University of Pittsburgh MD Candidate, 2017

FORMAL TEACHING, LECTURESHIPS AND SEMINARS

2024	University of North Carolina at Chapel Hill Master of Public Health Program. Population Health for Clinicians Concentration. PUBH 746: Developing, Implementing and Evaluating Public Health Solutions. 22 Students, Required Course.
2023-2024	University of North Carolina at Chapel Hill Doctor of Public Health Program. HPM 965: Cultural Humility for 21 st Century Leaders. 15 Students, Required Course.
2023	University of North Carolina at Chapel Hill Master of Public Health Program. Population Health for Clinicians Concentration. SPHG 722: Developing, Implementing and Evaluating Public Health Solutions. 22 Students, Required Course.
2023	University of North Carolina at Chapel Hill Master of Public Health Program. Population Health for Clinicians Concentration. SPHG 713: Systems Approaches to Understanding Public Health Issues. 22 Students, Required Course.
2021-2023	Emory Nursing School Master of Nursing Program. Public Health and Epidemiology Rotation, DeKalb County Board of Health. 20 Students, Required Course.
2022	South College Master of Health Science Physician Assistant Program. PAS 5241 Public Health 3-0-0-3 April 11 to June 6. "Epidemiology in Public Health and the Role of the Local Health Department". 50 Students, Required Course.
2021-2022	Georgia Department of Public Health COVID-19 Case Investigation Training. 200 Students, Required Course.
2021-2022	Emory COVID-19 Response Collaborative Fellows' Epidemiology Course. 30 Students, Required Course.
2021-2022	Emory Preventative Medicine Residency Teaching, DeKalb County Board of Health. 3 Students, Required Course.
2021-2022	Georgia Department of Public Health Internship – Public Health Introductory Course. 12 Students, Required Course.

GRANTS HISTORY

Current Funding

Source:	University of North Carolina at Chapel Hill, UNC Rural
Award:	Tar Heel Bus Tour Grant
Title:	Building the Burke County Academic Health Department
Role:	Primary Investigator; Collaborator – Burke County Public Health

Total Funding: \$10,000
 Dates: 07/01/2024-06/30/2025

Source: University of North Carolina at Chapel Hill, Office of the Vice Provost of Global Affairs
 Award: Collaborative Online International Learning (COIL) Curriculum Development Award
 Title: Introduction to Implementation Research and Practice in Maternal, Child, and Family Health
 Role: Primary Investigator; Collaborator – Singapore KK Hospital Maternal and Child Health Research Institute

Total Funding: \$1,500
 Dates: 08/01/2024-07/31/2025

Source: University of North Carolina at Chapel Hill, Office of the Vice Provost of Global Affairs
 Award: Global Partnership Awards Exploration Grant
 Title: Introduction to Implementation Research and Practice in Maternal, Child, and Family Health
 Role: Primary Investigator; Collaborator – Singapore KKH Maternal and Child Health Research Institute
 Total Funding: \$2,000
 Dates: 01/01/2024-12/31/2024

Past Funding

Source: Centers for Disease Control and Prevention (CDC) Foundation
 Award: Reducing Disparities in Mpox Vaccination
 Title: Improving Health Equity with Mobile Health Clinics for Mpox Vaccination in DeKalb County, GA
 Role: Co-investigator
 Total Funding: \$25,000
 Dates: 01/01/2023 – 07/31/2023

Source: National Association of County and City Health Officials (NACCHO)
 Award: Comprehensive Community Approaches Preventing Substance Use
 Title: Project for Substance Abuse Family Education (Project SAFE)
 Role: Co-investigator
 Total Funding: \$450,000
 Dates: 01/01/2022 – 07/31/2023

Source: Radiological Society of North America (RSNA) Foundation
 Award: Derek Harwood-Nash International Education Scholar Grant
 Title: Development and Evaluation of an Accredited Interventional Radiology Training Program in Tanzania
 Role: Co-investigator
 Total Funding: \$75,000
 Dates: 07/01/2020 – 07/31/2021

Agency: Yale School of Medicine; Yale Cancer Center
 Award: Intramural Seed Grant Program
 Title: Comparative and Cost-effectiveness of Therapies for Renal Cell Carcinoma
 Role: Principal Investigator
 Total Funding: \$50,000
 Dates: 07/01/2017-07/31/2018

Agency: Society of Interventional Radiology (SIR) Foundation; Harvey L. Neiman Health Policy Institute
 Award: SIR Foundation HPI Cost-effectiveness and Quality Outcomes Research Grant
 Title: Interventional Radiology-based Multidisciplinary Management versus Endoscopic Management of Malignant Biliary Obstruction: A Comparative and Cost-Effectiveness Population Study

Role: Principal Investigator
 Total Funding: \$30,000
 Dates: 08/01/2016 – 12/31/2018

Agency: Radiological Society of North America (RSNA) Foundation
 Award: RSNA Foundation Resident Grant
 Title: Disparities in Utilization of Contemporary Interventional Radiology-based Locoregional Therapies for Unresectable Hepatocellular Carcinoma and Impacts on Survival: a SEER-Medicare Population Study
 Role: Co-investigator
 Total Funding: \$30,000
 Dates: 07/01/2014 – 07/01/2015

PUBLIC HEALTH PRACTICE AND PARTNERSHIPS

2024-Present Burke County Health Department and UNC-Asheville Academic Health Department Collaboration
 2023-Present Mountain Area Health Education Center Collaboration on Interventions for Substance Use Disorder/Medications for Opioid Use Disorder/Post-Opioid Response Teams
 2023-Present Mountain Area Health Education Center Collaboration on Interactive Map for Transitions, Access, and Continuity of Care (ITACC) and Dashboard (<https://mahec.net/regional-initiatives/itacc-resource-map>)
 2023-Present Singapore-KKH NUS Collaboration (COIL, Implementation Science in Practice)
 2023-Present Henderson County Health Department Family Medicine Residency Community Health Collaboration
 2023-Present Buncombe County Health Department Collaboration (Epidemiology)

COMMUNITY OUTREACH CONTRIBUTIONS AND PUBLIC SERVICE

2019-Present Emory Rwanda IR Initiative Volunteer, Kigali, Rwanda
 2020-2023 Medical Reserve Corps COVID-19 Response Volunteer, Georgia Department of Public Health
 2018-2021 RADAID Volunteer, Road2IR Tanzania Interventional Radiology Initiative, Dar Es Salaam, Tanzania
 2017 Volunteer Coordinator, Maryland Public Health Association
 2017 Administrative Volunteer, Johns Hopkins Comprehensive Diabetes Center
 2016-17 Student Outreach Resource Center (SOURCE) Language Database Translator, Johns Hopkins School of Public Health
 2016-17 Volunteer, Johns Hopkins School of Public Health Northeast Market Outreach
 2015 Grand Award Judge, INTEL International Science and Engineering Fair
 2009-12 Postgraduate Mentor and Resident Tutor, The Women's College, University of Sydney
 2008 Postgraduate Mentor and Resident Tutor, St Andrew's College, University of Sydney
 2005-12 Volunteer Patient Navigator, Royal Prince Alfred Hospital

SKILLS

Statistical Packages: SAS, JMP, SPSS, ArcGIS

Applications: Microsoft Office, Adobe Illustrator, EndNote

Languages: English (Native), Mandarin Chinese (Native), Bahasa Melayu (Basic)