

Xin Hu

Department of Health Policy and Management
Rollins School of Public Health
Emory University
1518 Clifton Rd, 6th Floor
Atlanta, GA 30329

404-940-6720
xin.hu@emory.edu

<https://sites.google.com/view/xinhu>

EDUCATION

Ph.D., Emory University, Atlanta, GA 2019-Present
Health Services Research and Health Policy (Health Economics Track)

Master of Science in Public Health, Emory University, Atlanta, GA 2013-2015
Health Services Research and Health Policy
Thesis: The impact of home environment on children's use of Patient-Centered Medical Home in low-income family

Bachelor of Management, Fudan University, Shanghai, China 2009-2013
Public Service Administration
Thesis: A feasibility study on the rental service of high-valued assistive devices for the elderly and disabled in Shanghai

PROFESSIONAL EXPERIENCE

Research Fellow, Atlanta GA USA 2022.05 - Present
American Cancer Society

Research Intern, Atlanta GA USA 2020.05-2020.08
American Cancer Society

Biostatistician, New Haven CT USA 2017.08-2019.07
Yale Center for Analytical Sciences, Yale University

Research Associate, New Haven CT USA 2015.07-2017.08
Yale Cancer Outcomes, Public Policy and Effectiveness Research (COPPER) Center, Yale University

Graduate Research Assistant, Atlanta GA USA 2014.10-2015.05
American Cancer Society

Graduate Research Assistant, Atlanta GA USA 2014.06-2015.05
Emory Prevention Research Center

Undergraduate Assistant, Shanghai China 2012.11-2013.01
Shanghai Department of Health

Undergraduate Assistant, Guangdong China 2011.01-2011.02
Human Resource Department, The People's Hospital of Zhuhai

Undergraduate Assistant, Zhuhai, China 2010.07- 2010.08
Health Quarantine Department, Zhuhai Entry Exit Inspection and Quarantine Bureau of the P.R.C

LEADERSHIP AND ACTIVITIES

Doctoral Student Representative, Atlanta GA, USA 2022.11- Present
Doctoral Student Advisory Board, Rollins School of Public Health

Organizing Committee Member, New Haven, CT USA 2018.01-2018.05
China Health Policy and Management Society (CHPAMS) 2nd Biennial Conference

Rollins Ambassador, Atlanta GA USA 2015.01-2015.05

Student Activities Chair, Atlanta GA, USA 2014.01- 2015.01
Rollins Student Government Association

Chair of Human Resource Department, Shanghai China 2012.09- 2013.01
Shanghai Fudan Guanghua Co. Ltd.

Public Relationship Chair, Shanghai, China 2012.02- 2013.01
Student Government, School of Public Health, Fudan University

GRANTS, AWARDS, AND FELLOWSHIPS

- Alice S. Hersh Student Scholarship, AcademyHealth 2022
- PhaRMA Foundation Predoctoral Fellowships 2022-2024
“Vertical Integration in Oncology Market: Implications for Cancer Care Delivery and Patient Outcomes”
(PI, \$50,000)
- Rollins School of Public Health’s Livingston Fellows, Emory University 2021
- Rollins Earn and Learn Award, Emory University 2014
- China National Scholarship 2012
- Fudan Undergraduate Research Opportunities Program 2012-2013
“A qualitative investigation of Family Doctor System implementation in Community Health Center in Shanghai: lessons learned and suggestions” (PI, RMB 2000)

MANUSCRIPTS

Hu X, Lipscomb J, Jiang C, Graetz I. The Impact of Vertical Integration of Oncologists on Cancer Outcomes and Healthcare Costs Among Metastatic Castration-Resistant Prostate Cancer Patients. (Revise and Resubmit)

Graetz, I, **Hu, X**, Curry, AN, Robles, A, Vidal, GA, Schwartzberg, LS. Mobile application to support oncology patients during treatment on patient outcomes: Evidence from a randomized controlled trial. *Cancer Med.* 2022; 00: 1- 10. doi: 10.1002/cam4.5351

Han X, **Hu X**, Zhao J, Jemal A, Yabroff KR. Identification of Deaths Caused by Cancer and COVID-19 in the

US During March to December 2020. *JAMA Oncol*. Published online September 29, 2022. doi:10.1001/jamaoncol.2022.4315

Hu X, Kaplan C, Martin MY, Walker MS, Stepanski E, Schwartzberg L, Vidal G, Graetz I. Race differences in patient-reported symptoms during chemotherapy among women with early-stage hormone receptor positive breast cancer. *Cancer Epidemiol Biomarkers Prev* 2022; <https://doi.org/10.1158/1055-9965.EPI-22-0692>

Hu X, Brock KE, Effinger KE, et al. Changes in Opioid Prescriptions and Potential Misuse and Substance Use Disorders Among Childhood Cancer Survivors Following the 2016 Opioid Prescribing Guideline. *JAMA Oncol*. Published online September 08, 2022. doi:10.1001/jamaoncol.2022.3744

Hu X, Walker MS, Stepanski E, Kaplan CM, Martin MY, Vidal GA, Schwartzberg LS, Graetz I. Racial Differences in Patient-Reported Symptoms and Adherence to Adjuvant Endocrine Therapy Among Women With Early-Stage, Hormone Receptor-Positive Breast Cancer. *JAMA Netw Open*. 2022 Aug 1;5(8):e2225485.

Ji X, **Hu X**, Brock KE, Mertens AC, Cummings JR, Effinger KE. Early Post-Therapy Opioid Prescription, Potential Misuse, and Substance Use Disorder among Pediatric Cancer Survivors. *J Natl Cancer Inst*. 2022 Mar 9:djac049.

Ji X, **Hu X**, Castellino SM, Mertens AC, Yabroff KR, Han X. Narrowing Insurance Disparities Among Children and Adolescents With Cancer Following the Affordable Care Act. *JNCI Cancer Spectr*. 2022 Jan 5;6(1):pkac006.

Dearborn-Tomazos JL, **Hu X**, Bravata DM, Phadke MA, Baye FM, Myers LJ, Concato J, Zillich AJ, Reeves MJ, Sico JJ. Deintensification or No Statin Treatment Is Associated With Higher Mortality in Patients With Ischemic Stroke or Transient Ischemic Attack. *Stroke*. 2021 Aug;52(8):2521-2529.

Hu X, Chehal PK, Kaplan C, Krukowski RA, Lan RH, Stepanski E, Schwartzberg L, Vidal G, Graetz I. Characterization of Clinical Symptoms by Race Among Women With Early-Stage, Hormone Receptor-Positive Breast Cancer Before Starting Chemotherapy. *JAMA Netw Open*. 2021 Jun 1;4(6):e2112076.

Yuan Q, Basit A, Liang W, Qu R, Luan Y, Ren C, Li A, Xu X, Liu X, Yang C, Kuo A, Pierce R, Zhang L, Turk B, **Hu X**, Li F, Cui W, Li R, Huang D, Mo L, Sessa WC, Lee PJ, Kluger Y, Su B, Tang W, He J, Wu D. Pazopanib ameliorates acute lung injuries via inhibition of MAP3K2 and MAP3K3. *Sci Transl Med*. 2021 Apr 28;13(591):eabc2499.

Han X, **Hu X**, Zhao J, Ma J, Jemal A, Yabroff KR. Trends of Cancer-Related Suicide in the United States: 1999-2018. *J Natl Cancer Inst*. 2021 Jan 19:djaa183.

Graetz I, Yarbrough CR, **Hu X**, Howard DH. Association of Mandatory-Access Prescription Drug Monitoring Programs With Opioid Prescriptions Among Medicare Patients Treated by a Medical or Hematologic Oncologist. *JAMA Oncol*. 2020 Jul 1;6(7):1102-1103.

Gul B, Shah T, Head SJ, Chieffo A, **Hu X**, Li F, Brackett A, Gesick C, Bisarya PK, Lansky A. Revascularization Options for Females With Multivessel Coronary Artery Disease: A Meta-Analysis of Randomized Controlled Trials. *JACC Cardiovasc Interv*. 2020 Apr 27;13(8):1009-1010.

Diaz MM, **Hu X**, Fenton BT, Kimuli I, Lee A, Lindsey H, Bigelow JK, Maiser S, Altalib HH, Sico JJ. Prevalence of and characteristics associated with in-hospital mortality in a Ugandan neurology ward. *BMC Neurol*. 2020 Jan 31;20(1):42.

Phillips VL, **Hu X**. Association of healthy child-rearing practices and children's receipt of care in patient-centered medical homes. *J Child Health Care*. 2020 Jul 3;1367493520933458.

Davidoff AJ*, **Hu X***, Bewersdorf JP, Wang R, Podoltsev NA, Huntington SF, Gore SD, Ma X, Zeidan AM. Hypomethylating agent (HMA) therapy use and survival in older adults with Refractory Anemia with Excess Blasts (RAEB) in the United States (USA): a large propensity score-matched population-based study†. *Leuk Lymphoma*. 2020 May;61(5):1178-1187.

*Co-first author.

Zeidan AM, **Hu X**, Zhu W, Stahl M, Wang R, Huntington SF, Giri S, Bewersdorf JP, Podoltsev NA, Gore SD, Ma X, Davidoff AJ. Association of provider experience and clinical outcomes in patients with myelodysplastic syndromes receiving hypomethylating agents. *Leuk Lymphoma*. 2020 Feb;61(2):397-408.

Thomas A, Papoutsidakis N, Spatz E, Testani J, Soucier R, Chou J, Ahmad T, Darr U, **Hu X**, Li F, Chen ME, Bellumkonda L, Sumathipala A, Jacoby D. Access and Outcomes Among Hypertrophic Cardiomyopathy Patients in a Large Integrated Health System. *J Am Heart Assoc*. 2020 Feb 4;9(3):e014095.

Smith TG, Strollo S, **Hu X**, Earle CC, Leach CR, Nekhlyudov L. Understanding Long-Term Cancer Survivors' Preferences for Ongoing Medical Care. *J Gen Intern Med*. 2019 Oct;34(10):2091-2097.

Mougalian SS, Aminawung JA, Presley CJ, Canavan ME, Holland ML, **Hu X**, Gross CP. Prioritization of Patient-Reported Outcomes by Women With Metastatic Breast Cancer. *JCO Clin Cancer Inform*. 2019 Feb;3:1-3.

Hong JC, Rahimy E, Gross CP, Shafman T, **Hu X**, Yu JB, Ross R, Finkelstein SE, Dosoretz A, Park HS, Soulos PR, Evans SB. Radiation dose and cardiac risk in breast cancer treatment: An analysis of modern radiation therapy including community settings. *Pract Radiat Oncol*. 2018 May-Jun;8(3):e79-e86.

Davidoff AJ, Guy GP Jr, **Hu X**, Gonzales F, Han X, Zheng Z, Parsons H, Ekwueme DU, Jemal A. Changes in Health Insurance Coverage Associated With the Affordable Care Act Among Adults With and Without a Cancer History: Population-based National Estimates. *Med Care*. 2018 Mar;56(3):220-227.

Zeidan AM, Stahl M, **Hu X**, Wang R, Huntington SF, Podoltsev NA, Gore SD, Ma X, Davidoff AJ. Long-term survival of older patients with MDS treated with HMA therapy without subsequent stem cell transplantation. *Blood*. 2018 Feb 15;131(7):818-821.

Rahimy E, Hong JC, Gross CP, **Hu X**, Soulos PR, Shafman T, Connor HJ, Ross R, Yu JB, Dosoretz A, Evans SB. Increased Number of Beam Angles Is Associated With Higher Cardiac Dose in Adjuvant Fixed Gantry Intensity Modulated Radiation Therapy of Left-Sided Breast Cancer. *Int J Radiat Oncol Biol Phys*. 2017 Dec 1;99(5):1137-1145.

Zeidan AM, **Hu X**, Long JB, Wang R, Ma X, Podoltsev NA, Huntington SF, Gore SD, Davidoff AJ. Hypomethylating agent therapy use and survival in older patients with chronic myelomonocytic leukemia in the United States: A large population-based study. *Cancer*. 2017 Oct 1;123(19):3754-3762.

Zeidan AM, Long JB, Wang R, **Hu X**, Yu JB, Huntington SF, Abel GA, Mougalian SS, Podoltsev NA, Gore SD, Gross CP, Ma X, Davidoff AJ. Risk of myeloid neoplasms after radiotherapy among older women with localized breast cancer: A population-based study. *PLoS One*. 2017 Sep 13;12(9):e0184747.

Stratton J, **Hu X**, Soulos PR, Davidoff AJ, Puztai L, Gross CP, Mougalian SS. Bone Density Screening in Postmenopausal Women With Early-Stage Breast Cancer Treated With Aromatase Inhibitors. *J Oncol Pract*.

2017 May;13(5):e505-e515.

Hu X, Phillips VL, Gaydos LM, Joski P. Association of Healthy Home Environments and Use of Patient-Centered Medical Homes by Children of Low-Income Families. *J Pediatr Health Care*. 2017 Mar-Apr;31(2):203-214.

Zeidan AM, Davidoff AJ, Long JB, **Hu X**, Wang R, Ma X, Gross CP, Abel GA, Huntington SF, Podoltsev NA, Hajime U, Prebet T, Gore SD. Comparative clinical effectiveness of azacitidine versus decitabine in older patients with myelodysplastic syndromes. *Br J Haematol*. 2016 Dec;175(5):829-840.

Cohen JB, Han X, **Hu X**, Jemal A, Ward E, Flowers C. Deferred Treatment Is Associated with Improved Overall Survival in Patients with Newly Diagnosed Mantle Cell Lymphoma. *Blood* 2015; 126 (23): 2717.

PRESENTATIONS

Oral presentations

Hu X, Lipscomb J, Graetz I. “Vertical Integration of Oncologists and Impact on Cancer Outcomes and Healthcare Costs: A SEER-Medicare Analysis of Metastatic Prostate Cancer Patients”. AcademyHealth 2022 Annual Research Meeting, June 2022, Washington DC, June 2022

Hu X, Lipscomb J, Graetz I. “The Impact of Vertical Integration of Oncologists on Cancer Outcomes and Healthcare Costs Among Metastatic Prostate Cancer Patients”. Georgia Clinical & Translational Science Alliance Health Services Research Day, Atlanta, Georgia, May 2022

Hu X, Han X, Zhang L. “Trends in the Five-year Cancer Survivals among US Born and Non-US born Residents in the U.S., 1975-2011”. China Health Policy and Management Society 2nd Biennial Conference, New Haven, Connecticut. May 2018

Hu X, Gaydos LM. “Home environment, low-income children and Primary Care Medical Homes”. Break the Cycle 10 Conference, Atlanta, Georgia. April 2015

Poster presentations

Hu X, Lipscomb J, Graetz I. “The Impact of Vertical Integration of Oncologists on Cancer Outcome and Healthcare Costs Among Metastatic Prostate Cancer Patients”. 2022 Organization Theory in Health Care Conference, June 2022, Atlanta, Georgia, May 2022

Hu X, Kaplan C, Krukowski RA, Stepanski E, Schwartzberg L, Vidal G, Graetz I. “Characterization of Clinical Symptoms By Race Among Women with Early Stage, Hormone Receptor-Positive Breast Cancer before Starting Chemotherapy”. AcademyHealth 2021 Annual Research Meeting. June 2021

Hu X, Kaplan C, Stepanski E, Schwartzberg L, Vidal G, Walker MS, Martin MY, Graetz I. “Differences by race in patient reported symptoms during chemotherapy among women with early stage, hormone receptor-positive breast cancer”. 2021 American Society of Clinical Oncology Annual Meeting. June 2021

Hu X, Marchak JG, Ji X. “Mental Health Needs among Parents of Children with Cancer: A Commercial Claims Data Analysis”. 2021 American Society of Clinical Oncology Annual Meeting. June 2021

TEACHING

Teaching Assistant 2020 Fall
HPM 531: Contemporary Issues in Health Economics and Healthcare Management
(Instructor: Adam Wilk)

Teaching Associate 2021 Spring
HPM 552: Health Information Technology: Policy, Evidence, & Management Strategies
(Instructor: Ilana Graetz)

Guest Lecture for HPM 583: Research Seminar III – Analysis. “Application of Oaxaca-Blinder Decomposition in Racial Disparity of Chemotherapy Symptom Burden among Early-Stage Breast Cancer Women and Publication Strategies”. November 2021.

REFEREE

Medical Care
Health Services Research
JAMA Network Open
PLOS ONE
Peer J
Journal of Primary Prevention
Social Science and Medicine

REFERENCE

Ilana Graetz, PhD (Committee Chair)
Associate Professor
Department of Health Policy & Management
Emory University
ilana.graetz@emory.edu

David H. Howard, PhD (Committee Co-Chair)
Professor
Department of Health Policy & Management
Emory University
david.howard@emory.edu

Joseph Lipscomb, PhD (Committee Member)
Professor
Department of Health Policy & Management
Emory University
jlipsco@sph.emory.edu

Robin Yabroff, PhD (Committee Member)
Scientific Vice President
American Cancer Society
robin.yabroff@cancer.org

Ian M. McCarthy, PhD (Committee Member)
Associate Professor
Department of Economics

Emory University
404-727-8808
ian.mccarthy@emory.edu