

Curriculum Vitae

Personal Information

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Work	3310D School of Public Health Building Department of Health Policy and Management University of Maryland School of Public Health College Park, MD 20742-2611 Telephone: 301-405-2470
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Academic Appointments

August 2023 – present	Professor and Chair Department of Health Policy and Management
2025 - present	Director, Center for Seniors Uniting Nationwide to Support Health, INtegrated care, and Economics (SUNSHINE)
2023 – present	Director, University of Maryland Center on Aging
2026–Present	AI Interdisciplinary Institute at Maryland (AIM) Inaugural AI Leadership Council Member
December 2025 – present	Maryland Responsible AI Council Public Sector Committee Member
2017 - present	Director, The Hospital And Public health interdisciPlinarY research (HAPPY) Lab
2024 – present	Faculty Affiliate Center for Research on Aging School of Medicine University of Maryland Baltimore, MD
2024 – present	Faculty Affiliate The Artificial Intelligence Interdisciplinary Institute
2024 – present	Faculty Affiliate University of Maryland Institute for Health Computing (UM-IHC)
January – June 2022	Interim Department Chair
2020 - present	Professor
2016 - 2020	Associate Professor (with tenure)
2012 – 2016	Assistant Professor Department of Health Policy and Management School of Public Health University of Maryland College Park, MD

2014 – present	Secondary appointment Department of Epidemiology and Public Health School of Medicine University of Maryland Baltimore, MD
2008 – 2012	Assistant Professor Department of Political Science, Economics, and Philosophy City University of New York, College of Staten Island, NY

Education

2008	Ph.D. in Health Economics Department of Economics State University of New York, Stony Brook
2001	B.S. in Management Information System School of Business Shanghai University, China

Refereed Journal Articles (* denotes advisee or trainee of Dr. Chen)

1. Jang S*, **Chen J**. Variation in Medicare Part D and Part B Drug Spending Among Older Adults With Alzheimer's Disease and Related Dementias. *Innovation in Aging*. In Press.
2. Liang M, Ye Z, Velma G, Liu K, Kheirbek R, McCoy R, Nguyen T, **Chen J**, Chen S, Ran R, Feng L, Ke H, Ma T. Population-Specific Dementia Risk Prediction Using Deep Transfer Learning in Diverse Populations. *npj Digital Medicine*. In Press.
3. Buchonogo P*, **Chen J**, Nguyen Q, White-Whilby K, Kleinman D, Franzini L. Association of Neighborhood Socioeconomic Disadvantage and Uptake of Diabetes Prevention Interventions. *Medical Care*. In Press.
4. Tyagi P*, **Chen J**. Association between Care Recipient Frailty and Caregiver Burden Among Community-Dwelling Older Adults: Evidence from the National Study on Caregiving. *The Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*. 2026 Jul 1;81(8):gbag109.
5. Novak P, Ali M, **Chen J**. Prevalence of Mental Health and Neurodevelopmental Health Conditions among School-Aged Children by Health Insurance Type. *Psychiatric Services*. Publication Date: 24 June 2026.
6. Namadi S*, **Chen J**, Niemeier D. Access to Hospitals for People with Alzheimer's Disease and Related Dementias. *Journal of Transport & Health*. Volume 49, June 2026, 102304.
7. Akinyemi O*, Fullum T, Fasokun M, Eze O, Huges K, Yue, D, Fryer C, **Chen J**, Whilby K. Neighborhood Socioeconomic Status and Short-Term Postoperative Complications Following Metabolic and Bariatric Surgery. *The American Journal of Surgery*. 2026;257:116953. doi: 10.1016/j.amjsurg.2026.116953. Epub 2026 Mar 25. PMID: 41921393.
8. Park S, Bustamante A, **Chen J**, Mortensen K, Ortega A. The Societal Costs of Food Insecurity: Implications for Managed Care Strategies. *American Journal of Managed Care*. 2026;32(6):342-347.

9. **Chen J**, Jang S*, Wang MQ. Comparing Logistic Regression and Artificial Neural Network Models for Analyzing Medicare Utilization and Costs Among Older Adults. *Medical Care*. 10.1097/MLR.0000000000002305, March 2, 2026.
10. Teagan M*, **Chen J**. Access to Healthcare, Ease of Receiving Prescription Drugs, and Patient-Physician Communication Measure by Social Vulnerability Among Medicare Beneficiaries. *Journal of General Internal Medicine*. Published: 17 March 2026.
11. Jang S*, Qin X, Wang MQ, **Chen J**. Associations Between ACO Enrollment Status and Drug and Nondrug Costs Among Older Adults Newly Diagnosed With ADRD. *Am J Geriatr Psychiatry*. 2026 Jan 26:S1064-7481(26)00033-3. doi: 10.1016/j.jagp.2026.01.014. Epub ahead of print. PMID: 41720689.
12. **Chen J**, Jang S*, Banerjee P*, Thomas, S, Goldman H, Reynolds C. Associations Between Community Resilience and Cognitive Disability, Distress, and Depression in the U.S. *American Journal of Preventive Medicine*. 2026 Feb;70(2):108168.
13. Tyagi P*, Franzini L, **Chen J**. Preclinical mobility limitations among community dwelling older adults using the National Health and Aging Trends Study. *J Gerontol A Biol Sci Med Sci*. 2026 Jan 2;81(1):glaf257. doi: 10.1093/gerona/glaf257. PMID: 41269114; PMCID: PMC12758965.
14. Yan AS*, Maguire TK*, **Chen J**. Revisiting the rural and urban divide in hospital health information technology adoption: Evidence from 2023. *J Rural Health*. 2025 Sep;41(4):e70100. doi: 10.1111/jrh.70100. PMID: 41376270; PMCID: PMC12696441.
15. **Chen J**, Jang S. Decomposing Medicare total, Part D, and Part B drug payments among people with Alzheimer's disease and related diseases. *Health Affairs Scholar*. 2025 Sep 5;3(9):qxaf179. doi: 10.1093/haschl/qxaf179. PMID: 41035927; PMCID: PMC12482227.
16. Fenelon A, **Chen J**. Housing Assistance and Health Care Access Among Older Adults with Alzheimer's Disease and Related Dementias: Evidence from Multisource Linked Survey-Administrative Data. *Am J Geriatr Psychiatry*. 2025 Nov 9:S1064-7481(25)00527-5. doi: 10.1016/j.jagp.2025.11.007. Epub ahead of print. PMID: 41354616; PMCID: PMC12758566.
17. Akinyemi S*, Fullum T, Fasokun M, Hughes K, Yue D, Fryer C, **Chen J**, White-Whilby K. Variation of Bariatric Surgery Utilization by Neighborhood Socioeconomic Status in Maryland. *PLOS ONE*. November 10, 2025. <https://doi.org/10.1371/journal.pone.0330318>
18. Yan A*, Apathy N, **Chen J**. Adoption of Health Information Technologies by Area Socioeconomic Deprivation Among U.S. Hospitals. *JAMA Health Forum*. 2025;6;(9):e253035.
19. **Chen J**, Maguire T*, McCoy R, Thomas S, and Reynolds C. Reimagining Resilience in Aging: Leveraging AI/ML, Big Data Analytics, and Systems Innovation. *American Journal of Geriatric Psychiatry*. Available online 18 May 2025.
20. **Chen J**, Jang S*. Top-Rated Health Care and Ease of Access to Medications Linked to Lower Medicare and ADRD Costs. *Medical Care*. 2025 Apr 24. doi: 10.1097/MLR.0000000000002140. Epub ahead of print. PMID: 40272264.
21. Fabius CD, **Chen J**, Coe NB, et al. Leveraging Data, Technology, and Policy to Address Disparities for Persons Living with Alzheimer's Disease and Alzheimer's Disease Related Dementias. *Alzheimer's & Dementia*. 2025; 21:e70186. <https://doi.org/10.1002/alz.70186>.
22. Feng L, Ye Z, Pan Y, McCoy RG, Mitchell BD, Kochunov P, Thompson PM, **Chen J**, Liang M, Nguyen TT, Shenassa E, Li Y, Canida T, Ke H, Lee H, Liu S, Hong LE, Chen C, Lei DKY, Chen S, Ma

- T. Adherence to Life's Essential 8 is Associated with Delayed White Matter Aging. *eBioMedicine (The Lancet)*. 2025;115: 105723.
23. Ali M, **Chen J**, Novak P. Trends in Buprenorphine Dispensing in the US by Provider Type, 2013-2023. *Psychiatric Services*. Publication Date: 21 May 2025.
 24. Buchongo P*, **Chen J**, Nguyen Q, White-Whilby K, Kleinman D, Franzini L. Neighborhood Socioeconomic Disadvantage and Travel Time to Diabetes Prevention Programs in Maryland. *Health and Place*. 94 (2025) 103470.
 25. Jang S*, **Chen J**. Accountable Care Organizations and Medicare Payment Disparities among Socially Disadvantaged Neighborhood Residents with ADRD. *Alzheimer's & Dementia*. 2025 Mar;21(3):e70067. doi: 10.1002/alz.70067
 26. Park S, **Chen J**, Bustamante A, Ortega A. Does Low-Value Care Explain Health Care Utilization Inequities Among Asian and Latino Populations? *Health Services Research*. March 2025. e14610. <https://doi.org/10.1111/1475-6773.14610>
 27. **Chen J**, Yan A*. Hospital AI/ML Adoption by Neighborhood Deprivation. *Medical Care* 63(3): 227-233, March 2025.
 28. Chu J, Yamashita T, Christine M, **Chen J**. Assess the Incremental Health Care Utilization and Expenditures Associated with Serious Psychological Distress by Living Arrangements Among Older Adults in US. *Journal of Applied Gerontology*. First published online February 26, 2025.
 29. Ali M, **Chen J**, Novak P. Utilization of Buprenorphine for Opioid Use Disorder After the Practitioner Waiver Removal. *American Journal of Preventive Medicine*. 2025; 68(1): 207-209.
 30. Park S, Alegria M, Bustamante AV, **Chen J**, Fung V, Ortega AN. Differences in Mental Health Symptoms and Inequities in Mental Health Service Use Among Black and White Populations and Asian and Latine Subpopulations. *J Gen Intern Med*. 2024 Dec 13. doi: 10.1007/s11606-024-09273-w. Epub ahead of print. PMID: 39672982.
 31. Jang S*, McCoy R, **Chen J**. Prescription Drug Costs Among People with Alzheimer's Disease and Related Dementias. *JAMA Network Open*. 2024;7(9):e2433026. doi:10.1001/jamanetworkopen.2024.33026.
 32. Mercado D*, Mortensen K, Rivera-Gonzalez A, Stimpson J, Vargas Bustamante A, Roby D, **Chen J**, Barajas C, Ortega A. The American Rescue Plan Act and Access to Health Care for Latinos According to Citizenship Status. *Medical Care*. December 27, 2024.
 33. Spencer MRT*, Yoon S*, Lee Y*, Bustamante AV, **Chen J**. Healthcare and telehealth use among U.S. immigrants during the COVID-19 pandemic. *Front Public Health*. 2024 Oct 24;12:1422343. doi: 10.3389/fpubh.2024.1422343. PMID: 39512715; PMCID: PMC11540628.
 34. Jang S*, Qin X, Park S, McCoy R, **Chen J**. Healthcare expenditures among immigrants in the US with cognitive limitations or Alzheimer's disease and related dementias: Population-based study between 2007 and 2020. *Journal of Gerontology Series B Social Sciences*. 2024 Oct 1:gbae166. doi: 10.1093/geronb/gbae166. Epub ahead of print. PMID: 39351817.
 35. **Chen J**, Jang S*, Wang M. Medicare Payments and ACOs for ADRD Patients by Race and Social Vulnerability. *American Journal of Geriatric Psychiatry*. Published July 2024.
 36. El-Amin A*, Koehlmoos T, Yue D, **Chen J**, Cho N, Benharash P, Franzini L. High-Quality Hospital Status on Healthcare Costs for Pediatric Congenital Heart Disease Care for U.S. Military Beneficiaries. *Military Medicine*. 2024; usae350.

37. Jang S*, **Chen J**. National Estimates of Incremental Work Absenteeism Costs Associated with Adult Children of Parents with Alzheimer's Disease and Related Dementias. *American Journal of Geriatric Psychiatry*. 2024 Mar 28:S1064-7481(24)00294-X.
38. Feng L, Ye Z, Du Z, Pan Y, Canida T, Ke H, Liu S, Chen S, Hong LE, Kochunov P, **Chen J**, Lei DKY, Shenassa E, Ma T. Association Between Allostatic Load and Accelerated White Matter Brain Aging: Findings from the UK Biobank. *American Journal of Epidemiology*. 2024 Oct 11:kwae396. doi: 10.1093/aje/kwae396. Epub ahead of print. PMID: 39393834.
39. Park S, Mortensen K, Ortega A, **Chen J**, and Bustamante A. Association of Food Insecurity with Health, Access to Care, Affordability of Care, Financial Burden of Care, and Financial Hardships Among US Adults During The COVID-19 Pandemic. *Public Health*. 2024; 230:183-189.
40. Wang Y*, Maguire T*, **Chen J**. Preventable Emergency Department Visits of Patients with Alzheimer's Disease and Related Dementias During the COVID-19 Pandemic by Hospital-based Health Information Exchange. *Gerontology and Geriatric Medicine*. Published online 2024 Apr 5.
41. El-Amin A*, Koehlmoos K, Yue D, **Chen J**, Cho NY, Benharash P, Franzini L. The Association of High-Quality Hospital Use on Health Care Outcomes for Pediatric Congenital Heart Defects in a Universal Health Care System. *Military Medicine*. 2024 Feb 14:usae026. doi: 10.1093/milmed/usae026.
42. McCoy RG, Swarna KS, Jiang DH, Van Houten HK, **Chen J**, Davis EM, Herrin J. Enrollment in High-Deductible Health Plans and Incident Diabetes Complications. *JAMA Network Open*. 2024 Mar 4;7(3):e243394. doi: 10.1001/jamanetworkopen.2024.3394. PMID: 38517436; PMCID: PMC10960199.
43. **Chen J**, Maguire T*, Wang M. Telehealth Infrastructure, ACO, And Medicare Payment for Patients with ADRD Living in Socially Vulnerable Areas. *Telemedicine and e-Health*. 2024 May 16. doi: 10.1089/tmj.2024.0119. Epub ahead of print. PMID: 38754136.
44. Maguire T*, Yoon S*, **Chen, J**. Collaborating for COVID-19: Hospital Health Information Exchange and Public Health Partnership. *Telemedicine and e-Health*. Published Online:5 Jan 2024 <https://doi.org/10.1089/tmj.2023.0056>.
45. Wang Y*, Seale M, **Chen J**. Telehealth Use and Availability in Traditional Medicare vs. Medicare Advantage Among ADRD Patients During the COVID-19 Pandemic. *Frontiers in Public Health*. 2024 Feb 27:12:1346293.
46. Park S, **Chen J**, and Bustamante A. Adverse Consequences of Food Insecurity Among US Adults Beyond Health Outcomes. *American Journal of Preventive Medicine*. 2023 Sep 9;S0749-3797(23)00350-1.
47. El-Amin A*, Koehlmoos K, Benharash P, Yue D, **Chen J**, Franzini L. Does Universal Insurance and Access to Care Influence Disparities in High-Quality Hospital Use for Inpatient Pediatric Congenital Heart Defect Care Within the First Year of Diagnosis? *BMC Health Services Research*. Published: 28 June 2023.
48. Park S, Ortega A, **Chen J**, Bustamante A. Differences in Use of High- and Low-Value Health Care Between Immigrant and US-born Adults. *Health Services Research*. First published: 24 July 2023.
49. **Chen J**, Spencer M*, Buchongo P*, Wang M. Evidence of Hospital-based HIT Infrastructure and Reduced Medicare Payment and Racial and Ethnic Disparities among ADRD Patients. *Medical Care*. 2023; 61(1): 27–35.

50. Vaudin A*, Dean W, **Chen J**, Sahyoun N. Service Awareness Among Older Adults Experiencing Barriers to Food and Eating. *Journal of Nutrition Education and Behavior*. 2023;55(8):564-574.
51. Park S, Ortega A, **Chen J**, Bustamante A. Effects of Medicare Eligibility and Enrollment at Age 65 among Immigrants and US-born Residents. *Journal of the American Geriatrics Society*. 2023;71(9):2845-2854.
52. Amaize A*, Barath D*, Wang M, **Chen J**. Reducing Rural and Urban Disparities in Potentially Preventable Hospitalizations – Evidence of Hospital-based Health Information Technology and Enabling Services. *Telemedicine and e-Health*. 2023; 29(10): 1455-1464.
53. Wang Y*, **Chen J**. Decreasing Racial Disparities in Preventable Emergency Department Visits Through Hospital Health Information Technology Patient Engagement Functionalities. *Telemedicine and e-Health*. 2023; 29(6):841-850.
54. **Chen J**, Spencer M*, Buchongo P*. Strengthening the Public Health Partnership and Telehealth Infrastructure to Reduce Healthcare Disparities. *Population Health Management*. 2022; 25(6): 814-821.
55. Albaroudi A*, **Chen J**. Racial Disparities in Measures of Consumer Assessment of Healthcare Providers and Systems among ADRD Patients. *JAMA Network Open*. 2022;5(9):e2233436. doi:10.1001/jamanetworkopen.2022.33436.
56. Wang Y*, Buchongo P*, **Chen J**. Rural and Urban Disparities in Potentially Preventable Hospitalizations among Patients with ADRD – Evidence of Hospital-based HIT and Enabling Services. *Preventive Medicine*. 2022 Oct;163:107223. doi: 10.1016/j.ypmed.2022.107223. Epub 2022 Aug 23. PMID: 36027993.
57. **Chen J**, Buchongo P*, Spencer M*, Charles Reynolds. An HIT-Supported Care Coordination Framework for Reducing Structural Racism and Discrimination for ADRD Patients. *The American Journal of Geriatric Psychiatry*. Published. May 05, 2022. DOI:https://doi.org/10.1016/j.jagp.2022.04.010.
58. Demarco M, Egemen D, Hyun N, Chen X, Moscicki AB, Cheung L, Carter-Pokras O, Hammer A, Gage JC, Clarke MA, Castle PE, Befano B, **Chen J**, Dallal C, He X, Desai K, Lorey T, Poitras N, Raine-Bennett TR, Perkins RB, Wentzensen N, Schiffman M. Contribution of Etiologic Cofactors to CIN3+ Risk Among Women with Human Papillomavirus-Positive Screening Test Results. *Journal of Lower Genital Tract Disease*. 2022 Apr 1;26(2):127-134.
59. Ortega A, **Chen J**, Roby D, Mortensen K, Rivera-González A, Vargas Bustamante, A. Improvements in Health Insurance Coverage and Cost-Related Delays in Care Reverse for Latinos After the Elimination of the ACA's Individual Mandate. *JAMA Network Open*. 2022;5(3):e221476.
60. Benjenk I*, Franzini L, Roby D, **Chen J**. Disparities in Audio-only Telemedicine Use among Medicare Beneficiaries during the Coronavirus Disease 2019 pandemic. *Medical Care*. 2021; 59(11): 1014-1022.
61. Hanley A*, Nguyen Q, Badawi D, **Chen J**, Ma T, Slopen N. The Diagnostic Odyssey of Autism: A Cross-Sectional Study of 3 Age Cohorts of Children from the 2016–2018 National Survey of Children's Health. *Child and Adolescent Psychiatry and Mental Health*. 15, Article number: 58 (2021).
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63. Benjenk I*, Saliba Z, Duggal N, Albaroudi A*, Posada J, **Chen J**. Impacts of COVID-19 Mitigation Efforts on Adults with Serious Mental Illness: A Patient-Centered Perspective. *Journal of Nervous and Mental Disease*. 2021; 209(12): 892-898.
64. Bustamante A, **Chen J**, Felix L, Ortega A. Health Policy Challenges Posed by Shifting Demographics And Health Trends Among Immigrants To The United States. *Health Affairs*. 2021; 40:7, 1028-1037.
65. Schachtner-Appel A,* Sahyoun N, **Chen J**, Song HJ. Formative Research for an Intervention to Reduce Plate Waste and Improve Produce Intake in Schools. *Health Behavior and Policy Review*. 2021;8(5): 477-487.
66. **Chen J**, Benjenk I, Barath D, Anderson AC, Reynolds CF 3rd. Disparities in Preventable Hospitalization Among Patients with Alzheimer Diseases. *American Journal of Preventive Medicine*. 2021;60(5):595-604.
67. Benitez J, Perez V, **Chen J**. Did Medicaid Slow Health Declines During the Great Recession? *Health Services Research*. 2021; 56(4): 655–667.
68. Mortensen K, Dean E, Wang Y*, **Chen J**, French M. Trends in Health Care Utilization and Spending in the United States across Five Decades: 1977 – 2017. *Medical Care*. 2021; 59(8):704-710.
69. Park S, **Chen J**, Ma G, Ortega A. Inequities in Access to Care and Health Care Spending for Asian Americans With Cancer. *Medical Care*. 2021;59(6):528-536.
70. **Chen J**, Amaize A*, Barath D*. Evaluating Telehealth Adoption and Related Barriers Among Hospitals Located in Rural and Urban Areas. *Journal of Rural Health*. 2021; 37(4): 801-811.
71. Park S, **Chen J**, Roby D, Ortega A. Differences in Health Care Expenditures Among Non-Latino Whites and Asian Subgroups Vary Along the Distribution of the Expenditures. *Medical Care Research and Review*. 2021;78(4):432-440.
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73. Chu J*, Benjenk I*, **Chen J**. Incremental Medical Expenditures of the Spouses of Individuals with Alzheimer’s Disease and Related Dementias. *American Journal of Geriatric Psychiatry*. 2021;29(5):462-472
74. Wang Y*, Amaize A*, **Chen J**. Hospital ACO Affiliation and Urban/Rural Disparities in Preventable ED Rates for Patients with ADRD. *Journal of the American Geriatrics Society*. 2021;69(1):185-190.
75. Wang Y*, Albaroudi A*, **Chen J**. Decomposing Urban and Rural Disparities of Preventable ED Visits among Community-dwelling Patients' with Alzheimer's Disease and Related Dementias --- Evidence of the Availability of Health Care Resources. *Journal of Rural Health*. 2021;37(3):624-635.
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77. Park S, **Chen J**. Racial and Ethnic Patterns and Differences in Health Care Expenditures among Medicare Beneficiaries with and without Cognitive Limitation or Alzheimer's Disease and Related Dementias: A Retrospective Cohort Study. *BMC Geriatrics*. 20, Article number: 482. 2020.

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81. Demarco M*, Hyun N, Carter-Pokras O, Raine-Bennett T, Cheung L, Chen X, Hammer A, Campos N, Kinney W, Gage J, Befano B, Perkins R, He X, Dallal C, **Chen J**, Poitras N, Mayrand M, Coutlee F, Burk R, Lorey T, Castle P, Wentzensen N, Schiffman M. A Study of Type-Specific HPV Natural History and Implications for Contemporary Cervical Cancer Screening Programs. *EClinical Medicine*. April 2020.
82. Benjenk I*, Franzini L, **Chen J**. Evidence of the Linkage between Hospital-based Care Coordination Strategies and Hospital Overall (Star) Ratings. *Medical Care*. 2020; 58(1):18-26.
83. **Chen J**, DuGoff E, Novak P*, Wang M. Variation of Hospital-Based Adoption of Care Coordination Services by Community-Level Social Determinants of Health. *Health Care Management Review*. 2020;45(4):332-341.
84. Novak P*, Chu J*, Ali M, **Chen J**. Racial and Ethnic Disparities in Serious Psychological Distress among those with Alzheimer’s Disease and Related Dementias. *American Journal of Geriatric Psychiatry*. 2020;28(4):478-490.
85. Park S, Roby DH, Kemmick Pintor J, Stimpson JP, **Chen J**, McKenna RM, Ortega AN. Insurance Coverage and Health Care Utilization among Asian American Children before and after the Affordable Care Act. *Academic Pediatrics*. 2020;20(5):670-677.
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87. Barath D*, **Chen J**. Integrating Local Health Departments to Reduce Suicide-Related Emergency Department Visits among People with Substance Use Disorders. *Preventive Medicine*. 2019 Dec;129:105825. doi: 10.1016/j.ypmed.2019.105825.
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101. Vargas A, **Chen J**, McKenna R, Ortega A. Health Care Access and Utilization among U.S. Immigrants before and after the Affordable Care Act. *Journal of Immigrant and Minority Health*. 2019; 21(2): 211-218.
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Selected Perspectives, Opinions, and Letters

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2. Chen J. From Cultural Context to System Resilience: Advancing Global Mental Health for Older Adults. *American Journal of Geriatric Psychiatry*. Volume 34, Issue 4, April 2026, Pages 664-668.

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Selected Abstracts

16. Jang S, Chen J. Accountable care organizations and Medicare payments for residents with AD/DRD in disadvantaged neighborhoods. *Alzheimers Dement*. 2025 Mar;21(3):e70067. doi: 10.1002/alz.70067. PMID: 40156279; PMCID: PMC11953568.
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18. Chen J. HSD41 Hospital AI/ML Adoption by Neighborhood Social Vulnerability. *Value in Health*, Volume 27, Issue 12, S333
19. Chen J. Association Between Public Health Partnership and Telehealth Infrastructure and Medicare Cost and Disparities Among Patients with Depression. *Value in Health*, Volume 27, Issue 6, S124. June 2024.
20. Chen J, Albaroudi A*. Racial and Ethnic Disparities in Measures of Consumer Assessment of Healthcare Providers and Systems among ADRD Patients. *Alzheimer's Dement* 2022, 18: e067898. <https://doi.org/10.1002/alz.067898>
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Selected Chapters

35. Maguire T*, Jang S*, Yan A*, Chen J. Accountable Care Organizations, Mental Health, and Aging in the New Era of Digital Health. *Public Policy & Aging Report*. Apr 26, 2024.
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37. Chen J, Rizzo J. The Economics of Cardiovascular Disease in the United States. *Critical Care Clinics* 2012; 28(1); 77-88.
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Selected Reports and Non-Refereed Monographs

39. Evidence of Health Information Technology and Reduced Health Disparities in Dementia Care. Disparities in Health Care Access, Utilization, and Quality. The 2023 Dementia Care and Caregiving Research Summit. <https://www.nia.nih.gov/sites/default/files/2023-07/caregiving-dementia-summit.pdf>
40. Health Matters: Navigating an Enhanced Rural Health Model for Maryland, Lessons Learned from the Mid-Shore Counties. 2017.
41. Simon-Rusinowitz L, Chen J, Hamilton D, Bloodworth R*, Gaeta R*. Community Health Needs Assessment - Prince George's Hospital Center. 2013
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Grants

- 1P30AG097158-01 (Chen, Contact PI) 8/22/2025-8/21/2027
Center for Seniors Uniting Nationwide to Support Health, INtegrated care, and Economics (SUNSHINE)
Sponsor: NIH-National Institute of Aging
Role: Contact Principal Investigator
- 1RF1AG083175-01 (Chen, PI) 09/01/2023 - 8/31/2028
The Impact Of Hospital-Based Health Information Technology on Health Care Quality and Equity Among Patients with ADRD
Sponsor: NIH-National Institute of Aging
Role: Principal Investigator
- 1R01AG062315-01A1 (Chen, PI) 03/01/2021-2/28/2026
Effect of Hospital and Community Care Coordination on Health Care Quality and Equity among Individuals with Risk Factors or Diagnosis of ADRD
Sponsor: NIH-National Institute of Aging
Role: Principal Investigator
- 1R01AG088639-01 (Yue, PI) 9/1/2024-8/31/2029
The effect of childhood environments on adult health and mortality
Sponsor: NIH-National Institute of Aging

Role: Co-Investigator

When what you see isn't what you get: Ghost networks in Medicare Advantage
(Hamer, PI) 2025-2027

Sponsor: Robert Wood Johnson Foundation

Role: Co-Investigator

1R21AA031048-01 (Phillips, PI) 8/3/2023-7/31/2026

Understanding Alcohol Use and Alcohol-Related Care Among Older Adults with Heart Failure

Role: Co-Investigator

R01MD011523 (Chen, PI) 07/12/2017-2/28/2024

Effects of Hospital-Community-Public Health Integration on Racial and Ethnic Disparities in Mental Health

Sponsor: NIH- National Institute on Minority Health and Health Disparities

Role: Principal Investigator

R01MD011523S3 (Chen, PI) 08/15/2022-2/28/2024

Access to Quality HIT Infrastructure Among the Racialized Rural Aging Population with ADRD

Sponsor: NIMHD/NIA

Role: Principal Investigator

R01MD011523-03S1 (Chen, PI) 03/01/2019-2/29/2024

Explore the Impact of Hospital Payment Models and Care Coordination on ADRD Prevention and Treatment

Sponsor: NIMHD/NIA

Role: Principal Investigator

R01MD011523S2 (Chen, PI) 03/01/2019-2/28/2024

Using Health Information Technology to Improve Community Care Coordination and Reduce Racial Ethnic Mental Health Disparities

Role: Mentor

R36HS027717: Understanding Frequent EMS Users in the D.C. Health Care System: Evidence from Medicaid Claims Data 09/01/2021 - 08/31/2023

Agency for Healthcare Research and Quality

PI: Aita Amaize, Doctoral Student

Role: Dissertation Chair/Mentor (0%)

R36HS028532-01A1: Examining the effect of CHIPRA expansion on health of immigrant children under five-year bar 12/9/2021 - 08/31/2022

Agency for Healthcare Research and Quality

PI: Jun Chu, Doctoral Student

Role: Dissertation Committee Member/Mentor (0%)

R56AG062315 (Chen, PI) 09/30/2018-03/31/2021

Pilot study: Building the Infrastructure to Estimate the Effect of Hospital and Community Care Coordination on Health Care Access, Quality and Equity among Individuals with Risk Factors or Diagnosis of ADRD

Sponsor: NIH-National Institute of Aging

Role: Principal Investigator

5R21MH106813-02 (Chen, PI) 01/01/2016-12/31/2018
Effect of Local Health Departments on Health Care Disparities for Individuals with Mental Health Disorders
Sponsor: NIH-National Institute of Mental Health
Role: Principal Investigator

5R24HS022135-02 (Mullins, PI; Chen, Pilot PI) 09/30/2013- 09/29/2018
PATIENTS: PATient-centered Involvement in Evaluating the effectiveNess of TreatmentS
Sponsor: Agency for Healthcare Research and Quality
Project: Personalized Strategies to Activate and Empower Patients in Health and Health Care
(Chen, PI) 09/30/2015- 09/29/2018

5R01MD010255-03: Impact of Payment Reform on Racial Disparities in Hospital Psychiatric Care (Slade, PI) 03/1/2017-2/28/2018
Role: Co-Investigator

Health Matters: Navigating an Enhanced Rural Health Model for Maryland, Lessons Learned from the Mid-Shore Counties (Franzini, PI) 08/2016-10/2017
Sponsor: Maryland Health Care Commission
Role: Co-Investigator (effort 10%)
Prince George's County Health Enterprise Zone Capitol Heights 20743 (Carter, PI)
07/01/2013 – 06/30/2017
Sponsor: Maryland Department of Health & Mental Hygiene and the Community Health Resources Commission
Role: Co-Investigator, leading the economic evaluation

UMD ADVANCE Program: A Cost-Effectiveness Analysis of an Innovative Care Model for Teen Parent Families (Lewin, PI) 06/01/2015– 05/31/2016
Role: Co-Investigator

University of Maryland Center of Excellence in Regulatory Science and Food and Drug Administration (Carter-Pokras, PI) 01/01/2013 – 12/31/2014
Improving Health Literacy and Cultural Competency in Current FDA Risk Communication
Role: Co-Investigator

UMD ADVANCE Program (Carter-Pokras, PI) 06/01/2014 – 05/31/2015
Racial and Ethnic Disparities in the Utilization of Physical Therapy among Adults with Chronic Low Back Pain
Role: Co-Investigator

Clinical Trial Services CTI, Inc. (Chen, PI) 01/01/2014 – 06/01/2014
Cost of Illness Analysis of Cardiovascular Diseases

Maryland Population Research Center (Mortensen, Chen, co-PIs) 01/01/2013 – 12/31/2013
Job and Wealth Loss and Racial/Ethnic Disparities in Health Services Use: A State-Level Examination

University of Maryland Research and Scholarship Award (Chen, PI) 06/01/2013-08/31/2013
Health Care Access, Utilization, and Quality among Asian Americans

Dimension Healthcare System (Simon-Rusinowitz, Chen, co-PIs) 08/01/2012-06/30/2013
Prince George's Hospital Center and Laurel Regional Hospital Community Health Needs Assessment Reports

Centers Established

2025 Established the Center for SUNSHINE
2017 Established the Hospital And Public health interdisciplinary research (HAPPY) Lab

Awards

2025 The Gloria Friedgen School Spirit Award, School of Public Health
2025 UMD SPH's Exemplary Researcher, Maryland Research Excellence Celebration
2024 UMD Graduate Faculty Mentor of the Year Award
2023 Honoree, Maryland Research Excellence Celebration
2021 The Leda Amick Wilson Mentoring Award, School of Public Health, University of Maryland
2021 Outstanding Reviewer for Health Services Research
2019 40 Under Forty Alumni Honoree, Stony Brook University
2019 Honoree, being recognized at the Inaugural Maryland Research Excellence Celebration
2017-2019 Nominee, UMD Graduate School's Graduate Faculty Mentor of the Year Award
2017 Research and Development Award, School of Public Health, University of Maryland
2015-2017 Honoree, University of Maryland Annual Celebration of Scholarship and Research

Selected Refereed Presentations

1. HAPPY/SUNSHINE: Tyagi p. *Preclinical Mobility Limitations and Five-Year Risk of Falls Among Community-Dwelling Older Adults*. Gerontological Society of America (GSA) 2026 Annual Scientific Meeting, which will be held in National Harbor, Maryland, November 4-7, 2026.
2. HAPPY/SUNSHINE: Chen J. *Hospital Adoption of Artificial Intelligence and Machine Learning Tools and Care Quality Among Medicare Beneficiaries*. Gerontological Society of America (GSA) 2026 Annual Scientific Meeting, which will be held in National Harbor, Maryland, November 4-7, 2026.
3. HAPPY/SUNSHINE: Chen J. *Comparing Logistic Regression and Artificial Neural Network Models for Analyzing Medicare Utilization and Costs*, Gerontological Society of America (GSA) 2026 Annual Scientific Meeting, which will be held in National Harbor, Maryland, November 4-7, 2026.
4. HAPPY/SUNSHINE: Tyagi P, Chen J. Association of Care Recipients' Frailty with Caregiver Burden Among Informal and Unpaid Caregivers of Community-Dwelling Older Adults, 16th edition of the Intrinsic Capacity, Frailty and Sarcopenia Research Conference for Healthy Longevity (ICFSR), Washington, DC (United States), March 10-12, 2026.
5. HAPPY lab: Jang S, Chen J. Decomposing Medicare Total, Part D, and Part B Drug Payments, Readmissions, and Preventable Hospitalizations Among Beneficiaries With ADRD. APHA 2025 Annual Meeting, November 2-5, in Washington, D.C.

6. HAPPY lab: Yan A*. Revisiting Health Information Technology Adoption Among U.S. APHA 2025 Annual Meeting, November 2–5, in Washington, D.C.
7. HAPPY lab: Maguire T*, Chen J. Self-reported CAHPS Quality Measures by Medicare Beneficiary Social Vulnerability Index. APHA 2025 Annual Meeting, November 2–5, in Washington, D.C.
8. HAPPY lab: Chen J. Accountable Care Organizations and Medicare Payments for Dementia Patients Across Race and Social Vulnerability. Alzheimer's Association International Conference. Featured Research Session and Session chair. Philadelphia. July 28 – August 1, 2024.
9. HAPPY lab. Jang S*, Chen J. National Estimates of Incremental Work Absenteeism Costs Associated with Adult Children of Parents with Alzheimer's Disease and Related Dementias. Featured Research Session. Lightning Presentation Round. Alzheimer's Association International Conference. Philadelphia. July 28 – August 1, 2024.
10. HAPPY lab: Jang S*, Chen J. Understanding the Prescription Drug Costs Among People with Alzheimer's Disease and Related Dementias (ADRD) and Comorbidities: Evidence from Nationally Representative Datasets 2003- 2021. 2024 Annual Research Meeting, June 29 - July 2, Baltimore, MD.
11. Barath D, Chen J. Intersectoral partnership engagement and the provision of community health services. American Public Health Association. Atlanta, GA. November 12-15, 2023.
12. Barath D, Chen J. Cross-sector partnership engagement and 30-day unplanned readmissions. American Public Health Association. Atlanta, GA. November 12-15, 2023.
13. HAPPY lab: Wang Y*, Chen J. Decreasing Racial Disparities in Preventable Emergency Department Visits through Hospital Health Information Technology Patient Engagement Functionalities. 2022 Annual Research Meeting, June 4-7 in Washington, DC. HIT interest group. Oral presentation, and the 2022 Conference on Health IT and Analytics (CHITA), ASHEcon Conference, Austin, TX June 26 -29, 2022.
14. HAPPY lab: Benjenk I*, Chen J. Exploring the unmet needs facing individuals with Alzheimer's Disease and Related Dementias during the COVID-19 pandemic. Alzheimer's Association International Conference. July 26 – July 30, 2021. Oral presentation.
15. HAPPY lab: Chen J. Accountable Care Organizations and Racial and Ethnic Disparities among Patients with Alzheimer's and Related Dementia Diseases. Alzheimer's Association International Conference. July 26 – July 30, 2020. Virtual presentation.
16. HAPPY lab: Wang N*, Amaize A*, Chen J. The Impact of Care Coordination on Reducing Urban and Rural Disparities of Preventable ED Visits Among Patients with Alzheimer's Disease and Related Dementias. ASHEcon. June 7-8, 2020. Virtual Meeting.
17. HAPPY lab: Chu J*, Chen J. Incremental Healthcare Expenditures of Being Spouses of Elderly Patients with Alzheimer's Diseases and Related Dementias. ASHEcon. June 7-8, 2020. Virtual Meeting.
18. HAPPY Lab: Novak P*, Chen J. Evidence-Based Glycated Hemoglobin Testing by Race and Ethnicity Pre- and Post- the Affordable Care Act. Roundtable presentation. The APHA's 2019 Annual Meeting and Expo (Nov. 2 - Nov. 6) in Philadelphia.
19. HAPPY Lab: Barath D*, Chen J. Reductions in hospital readmissions through housing partnerships – the partnership continuum. Podium presentation. The APHA's 2019 Annual Meeting and Expo (Nov. 2 - Nov. 6) in Philadelphia.

20. HAPPY Lab: Chen J. Adoption of Care Coordination Strategies and Innovative Delivery Models among US Hospitals. The American Public Health Association Annual Meeting. November 2-6, 2018. San Diego, CA.
21. HAPPY Lab: Chen J. Evidence of Cost-Effective Public Health Integrated Model for People with Mental Illness. The National Institute of Mental Health (NIMH) Mental Health Services Research Conference. August 1-2, 2018.
22. HAPPY Lab: Chen J. Racial and Ethnic Disparities in Health Insurance Coverage among Individuals with Serious Psychological Distress, 2011-2016. Podium presentation. The AcademyHealth Annual Research Meeting June 22-24, 2018. Seattle, WA.
23. HAPPY Lab: Barath D*, Chen J. Local Health Departments' Roles in Suicide Prevention. The AcademyHealth Annual Research Meeting June 22-24, 2018. Seattle, WA.
24. HAPPY Lab: Chen J. Evidence of Cost Saving to Involve LHD in Mental Health Care. The American Public Health Association Annual Meeting. Atlanta, GA. November 4, 2017.
25. HAPPY Lab: Novak P*, Chen J. Trends of Mental Health Care Use after the ACA. The American Public Health Association Annual Meeting. Atlanta, GA. November 4, 2017.
26. Chen J. Effect of Local Health Departments on Preventable Emergency Department Visits for Individuals with Mental Disorders --- Evidence from the State of Maryland. Oral presentation during the APHA 2016 Annual Meeting, Oct. 29 - Nov. 2, 2016, Denver, CO.
27. Nair S*, Chen J. Patient Experience of Care among Vulnerable Populations in Underserved Communities across the US: Findings from the First National Survey of Patient Experience of Care in Community Health Centers. The American Public Health Association Annual Meeting. Oct. 29 - Nov. 2, 2016, Denver, CO.
28. Bloodworth R*, Chen J. Racial and Ethnic Disparities in Preventive Service Use after the Full Implementation of the Affordable Care Act. The American Public Health Association Annual Meeting. Oct. 29 - Nov. 2, 2016, Denver, CO.
29. Chen J. LHD and Reduced Hospital Readmission Rates. The Annual Conference of the American Society of Health Economists. 2016, Philadelphia, PA.
30. Chen J. Effect of Local Health Departments on Preventable Hospitalizations for Individuals with Mental Disorders --- Evidence from the State of Maryland. 23rd NIMH Conference on Mental Health Services Research, August 1-3, 2016: Harnessing Science to Strengthen the Public Health Impact.

Selected Refereed Posters

1. HAPPY/SUNSHINE: Jang S. Hospital Adoption of AI and ML Tools and Inpatient Utilization and Spending among Medicare Beneficiaries with ADRD, Gerontological Society of America (GSA) 2026 Annual Scientific Meeting.
2. HAPPY/SUNSHINE: Maguire T. The EARLY Framework: A New Approach to Classifying "Early" Hearing Aid Adoption, Gerontological Society of America (GSA) 2026 Annual Scientific Meeting.
3. HAPPY/SUNSHINE: Da L. Dominant pharmacy channel use among older adults with cognitive limitation and ADRD, Gerontological Society of America (GSA) 2026 Annual Scientific Meeting.
4. HAPPY/SUNSHINE: Namadi S. Poster Name: Assessing Isolation Risk for Alzheimer's And Related Dementia Populations Under Sea Level Rise, Gerontological Society of America (GSA) 2026 Annual Scientific Meeting

5. HAPPY/SUNSHINE: Jang S, Chen J. Impact of ACO Quality on Prescription Drug and Nondrug Costs for Medicare Fee-for-Service Beneficiaries with ADRD. Alzheimer's Association International Conference 2026 London, United Kingdom.
6. HAPPY/SUNSHINE: Tyagi P, Chen J. Examining caregiving burden outcomes for informal and unpaid caregivers of older adults with dementia using a biopsychosocial framework. Alzheimer's Association International Conference 2026 London, United Kingdom.
7. HAPPY/SUNSHINE: Chen J, Jang S. Hospital Adoption Of Artificial Intelligence And Machine Learning Tools And Care Quality Among Medicare Beneficiaries. Alzheimer's Association International Conference 2026 London, United Kingdom.
8. SUNSHINE: Jang S. Hospital Use of Artificial Intelligence and Machine Learning Tools and Its Association with Medicare Spending Among Older Adults with ADRD. Inaugural SUNSHINE Annual Research Symposium Agenda "Advancing Aging Resilience Through Research, Partnership, and Practice. 4/15/2026. College Park, Maryland.
9. SUNSHINE: Namadi S. Access to hospitals for people with Alzheimer's disease and related dementias, Inaugural SUNSHINE Annual Research Symposium Agenda "Advancing Aging Resilience Through Research, Partnership, and Practice. 4/15/2026. College Park, Maryland.
10. SUNSHINE: Sun J. Electric vehicles moderate PM2.5-related dementia risk and amplify benefits in pollution-burdened neighborhoods. Inaugural SUNSHINE Annual Research Symposium Agenda "Advancing Aging Resilience Through Research, Partnership, and Practice. 4/15/2026. College Park, Maryland.
11. SUNSHINE: Tyagi P. Longitudinal Association Between Preclinical Mobility Limitations (PCML) and Falls Among Community-Dwelling Older Adults. Inaugural SUNSHINE Annual Research Symposium Agenda "Advancing Aging Resilience Through Research, Partnership, and Practice. 4/15/2026. College Park, Maryland.
12. SUNSHINE: Maguire T. Operationalizing Hearing Aid Adoption Timing: The EARLY Framework and Longitudinal Evidence from the Health and Retirement Study. Inaugural SUNSHINE Annual Research Symposium Agenda "Advancing Aging Resilience Through Research, Partnership, and Practice. 4/15/2026. College Park, Maryland.
13. HAPPY lab: Yan A, Chen J. Associations between Hospital Health Information Technology Adoption and Star Ratings, Readmissions, and Mortality. 2026 Annual Research Meeting, May 30-June 2, in Seattle, WA. Nominated for Best Student Poster 2026.
14. HAPPY lab: Maguire T*. Factors Associated with Hospital Geriatric Service Availability Beyond Urban-Rural Differences. GSA Annual Scientific Meeting, Boston, MA; November 12 - 15, 2025.
15. HAPPY lab: Jang, S *. Impact of ACO enrollment on prescription drug costs for Medicare FFS beneficiaries newly diagnosed with ADRD. GSA Annual Scientific Meeting, Boston, MA; November 12 - 15, 2025.
16. HAPPY lab: Jang, S*. Impact of ACO quality on drug and non-drug costs for Medicare FFS beneficiaries with ADRD. APHA 2025 Annual Meeting, November 2-5, in Washington, D.C.
17. HAPPY lab: Maguire T*, Chen J. Factors Associated with Hospital Geriatric Service Availability Beyond Urban-Rural Differences. APHA 2025 Annual Meeting, November 2-5, in Washington, D.C.

18. HAPPY lab: Chen J. Medication and Healthcare Access on Medicare Costs Among ADRD Patients. Alzheimer's Association International Conference 2025.
19. HAPPY lab: Chen J. Access to Healthcare, Easiness to Receive Prescription Drugs, and CAHPS measure by Social Vulnerability among Medicare Beneficiaries. Alzheimer's Association International Conference 2025.
20. HAPPY lab: Jang S, Chen J. The Impact of ACOs on Medicare Costs for ADRD Patients in Socially Vulnerable Neighborhoods. Alzheimer's Association International Conference 2025.
21. HAPPY lab: Jang S*, Chen J. Understanding the Prescription Drug Costs among People with ADRD and Comorbidities: Evidence from Nationally Representative Datasets 2003-2021. Alzheimer's Association International Conference. Philadelphia. July 28 – August 1, 2024.
22. HAPPY lab: Jang S*, etc. Healthcare Expenditures among US Immigrants with Cognitive Limitations or Alzheimer's Disease and Related Dementias. Alzheimer's Association International Conference. Philadelphia. July 28 – August 1, 2024.
23. HAPPY lab: Maguire, T*, Chen J. Hearing Aids: An Overlooked Digital Health Tool for Graying America? 2024 Annual Research Meeting, June 29 - July 2, Baltimore, MD.
24. HAPPY lab: Maguire, T* etc. R-I-W, a Roadmap to Address Challenges of Outpatient Mental Health Care Coordination of Minority Patients: Qualitative Research Insights from Fully Integrated Medical and Behavioral Health Care, 2024 Annual Research Meeting, June 29 - July 2, Baltimore, MD
25. HAPPY Lab: Jang S*, et al. Healthcare Expenditures Among US Immigrants with Cognitive Limitations or Alzheimer's Disease and Related Dementias. 2024 Annual Research Meeting, June 29 - July 2, Baltimore, MD
26. HAPPY Lab: Association between Public Health Partnership and Telehealth Infrastructure and Medicare Cost and Disparities Among Patients with Depression. ISPOR. Atlanta. May 2024.
27. HAPPY lab: Racial and Ethnic Disparities in Measures of Consumer Assessment of Healthcare Providers and Systems among ADRD Patients. Alzheimer's Association International Conference. July 31 – August 4, 2022. Poster presentation. San Diego, USA.
28. HAPPY lab: Evidence of Hospital-Based HIT Infrastructure and Reduced Medicare Payment and Racial and Ethnic Disparities among ADRD Patients. Alzheimer's Association International Conference. July 31 – August 4, 2022. Poster presentation. San Diego, USA.
29. HAPPY lab: An HIT-supported care coordination framework for reducing structural racism and discrimination for patients with ADRD. Alzheimer's Association International Conference: Addressing Health Disparities Related to Alzheimer's & Other Dementias. Washington, D.C. June 21 -22, 2022.
30. HAPPY lab: Spencer M*, Novak P, Ali M, Chen J. Understanding the Impact of the Affordable Care Act on Health Expenditures Among Adults with Serious Psychological Distress. 2022 Annual Research Meeting, June 4-7 in Washington, DC.
31. HAPPY lab: Wang Y*, Buchongo P*, Chen J. Rural/Urban Disparities in PQIs Among ADRD Patients – Evidence of Hospital-Based HIT and Enabling Services, has been accepted for poster presentation at the 2022 Annual Research Meeting, June 4-7 in Washington, DC.
32. HAPPY lab: Chen J, Benjenk I*, Anderson A*, Barath D*, Reynold C. Accountable Care Organizations and of Preventable Hospitalization among Patients with Alzheimer's Diseases. Alzheimer's Association International Conference. July 26 – July 30, 2021. Poster presentation.

33. HAPPY Lab: Chen J, Benjenk I*, Anderson A*, Barath D*, Reynold C. Disparities in Preventable Hospitalization among Patients with Alzheimer's Diseases. AcademyHealth. July 2020.
34. HAPPY lab: Wang Y*, Amaize A*, Chen J. The Association between ACO Affiliation and Urban and Rural Disparities of Preventable ED Visits Among Patients with Alzheimer's Disease and Related Dementias. AcademyHealth. July 2020.
35. HAPPY lab: Barath D*, Amaize A*, Chen J. ACOs and Preventable Hospitalizations Among Patients with Depression. ISPOR. June 2020.
36. HAPPY lab: Chen J. ACO and Preventable Hospitalizations for ADRD Patients. ISPOR Europe. November 2019. Copenhagen, Denmark.
37. HAPPY lab: Amaize A*, Benjenk I*, Chu J*. Examine the ADRD Readmission. The AcademyHealth Annual Research Meeting 2019. Washington DC.
38. HAPPY lab: Benjenk I*, Chen J. Care Coordination and Hospital Star Rating. The AcademyHealth Annual Research Meeting 2019. Washington DC.
39. HAPPY lab: Novak P*, Chen J. Prescription Drug Expenditures among People Aged 18 - 64 with Diabetes by Serious Psychological Distress Status, 2012 -2016. Annual Conference of the American Society of Health Economists 2019. Washington DC.
40. HAPPY lab: Benjenk I*, Chen J. The Impact of Hospital-Based Care Coordination Strategies on Hospital Overall (Star) Ratings. 2019 Public Health Research @ Maryland.
41. Mallow P, Chen J, et al. Incremental Direct Healthcare Expenditures of Valvular Heart Disease in the United States. International Society for Pharmacoeconomics and Outcomes Research Annual International Meeting. May 18-22, 2019, New Orleans, LA.
42. HAPPY lab: Novak P*, Chen J. Racial and Ethnic Differences in Number of Opioid Scripts Filled among People with and without Serious Psychological Distress, 2015. The AcademyHealth Annual Research Meeting 2018. June 24-26, 2018, Seattle, WA.
43. HAPPY lab: Barath D*, Franzini L, Chen J, et al. Health Matters: Where do Mid-Shore Residents Go For Care? 2018 Public Health Research, School of Public Health. 1st Place of Student Poster
44. HAPPY lab: Novak P*, Chen J. Hospital Care Coordination to Connect to Behavioral Health Service. 2018 Public Health Research, School of Public Health. Honorable Mention
45. HAPPY lab: Barath D*, Chen J. Preventing Suicidal Ideation and Intentional Self-Inflicted Injuries among People with Substance Abuse Disorders -- Roles of Local Health Departments in Maryland. Annual Conference of the American Society of Health Economists. 2018 Atlanta, GA.
46. HAPPY lab: Anderson A*, Chen J. Exploring National Trends of Patient and Family Centered Care among US Children. Annual Conference of the American Society of Health Economists. 2018 Atlanta, GA.
47. HAPPY lab: Chen J. Public Health System Delivered Mental Health Preventive Care Links to \$824 Reduction of Per Capita Healthcare Costs Annually. Annual Conference of the American Society of Health Economists. 2018 Atlanta, GA.
48. HAPPY lab: Novak P*, Chen J. Trends of the Use of Behavioral Health Care. Annual Conference of the American Society of Health Economists. 2018 Atlanta, GA.
49. HAPPY lab: Benjenk I*, Chen J. Variation of Follow-Up Rate after Psychiatric Hospitalization by Hospital Characteristics and Social Determinants of Health. National Institute of Mental Health (NIMH) Mental Health Services Research Conference, August 1-2, 2018.

50. HAPPY lab: Barath D*, Chen J. Integrating Local Health Departments to Reduce Suicidal Ideation and Intentional Self-Inflicted Injuries among People with Substance Use Disorders. National Institute of Mental Health (NIMH) Mental Health Services Research Conference, August 1-2, 2018.

Editorial Board Member

2021 - present American Journal of Geriatric Psychiatry

Grant Review Activities

April 2026	AdHoc, NIH special emphasis panel for Artificial Intelligence and Technology Collaboratory
January 2026	AdHoc, Health Services Research, Aging. Study Section
April 2025	NIMH SERV S - Mental Health Services Study Section
October 2024	NIMH SERV S - Mental Health Services Study Section
July 2024	NIMH Special Emphasis Panel for Innovative Mental Health Services Research Not Involving Clinical Trials (PAR-23-095 & PAR-23-105).
March 2024	2024/05 ZAG1 ZIJ-G (M3) AD/ADRD management evolution
December 2023	2024/01 ZRG1 HSS-P (91) Topics in Health Services Research, Health Information Technology, and Aging
August 2023	National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR)
2023	Research Advisory Committee (RAC) for the New Jersey Integrated Population Health Data (iPHD) Project
2023	2023/05 ZAG1 ZIJ-S (M2) Healthcare Inequities in ADRD
2023	2023/05 ZAG1 ZIJ-D (M2) Health Records (reviewer and alternative session chair)
2023	The Yale Alzheimer's Disease Research Center (ADRC) Development Project grants reviewer
2018-2022	Standing member of Healthcare System and Value Research (HSVR) study section at the Agency for Health Research and Quality (AHRQ)
2022	Health Research Board, Emerging Investigator Awards for Health (EIA)
September 2021	NIH Health Services: Quality and Effectiveness study section (formerly HSOD)
July 2021	The National Institute on Minority Health and Health Disparities Special Emphasis Panel on Centers for Multiple Chronic Diseases Associated with Health Disparities: Prevention, Treatment, and Management
2021	NIH Director's New Innovator Award Program (DP2)
2020	Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM) at National Center for Complementary and Integrative Health
2020	The University of Maryland, Baltimore's (UMB), Institute for Clinical and Translational Research (ICTR) Accelerated Translational Incubator Pilot (ATIP) Grant Program
2020	The Dutch Research Council, NWA-ORC
2019	NIH Special Emphasis Panel (SEP) on Leveraging Health Information Technology to Address Minority Health Issues and Health Disparities (R01)
2018-2019	NIH Director's New Innovator Award Program
2018	NIH Health Disparities and Equity Promotion (HDEP) study section
2018	NIH Health Services Research on Minority Health and Health Disparities Special Emphasis Panel/Scientific Review Group.

2017	NIH Dissemination and Implementation Research in Health (DIRH) Study Section
2017	Special Emphasis Panel for CDC: DP17-005, SIP17-003
2017	Scientific review panel for the Systems for Action national research program, the Robert Wood Johnson Foundation.
2017	NIH Health Services Research on Minority Health and Health Disparities Special Emphasis Panel/Scientific Review Group 2017/10 ZRG1 PSE-A (50).
2017	Healthcare System and Value Research (HSVR) study section at the Agency for Health Research and Quality (AHRQ)

Reviewing Activities for 30+ Peer-Reviewed Journals

Alzheimer's & Dementia; American Journal of Geriatric Psychiatry; American Journal of Managed Care; American Journal of Preventive Medicine; American Journal of Public Health; Annals of Internal Medicine; Archives of General Psychiatry; BMC Health Services Research; BMC Public Health; Drug and Alcohol Review; Emergency Medicine and Health Care; Health Affairs; Health Economics; Health Policy; Health Services Research; JAMA; JAMA Cardiology; JAMA Health Forum; JAMA Pediatrics; Journal of Behavioral Health Services & Research; Journal of Health Care for the Poor and Underserved; Journal of Healthcare Management; Journal of Immigrant and Minority Health; Journal of Nervous and Mental Disease; Journal of Substance Abuse Treatment; Medical Care; NEJM; Preventing Chronic Disease; Psychiatric Services; Social Science & Medicine; The European Journal of Health Economics; The Lancet; The Milbank Quarterly.

Professional Certifications, Licenses, and Memberships

2024- present	Gerontological Society of America
2022- present	Alzheimer's Association International Conference
2010- present	American Public Health Association
2008- present	AcademyHealth
2008- present	American Society of Health Economists
2008- present	International Health Economics Association

PhD student dissertation chair

King, Christopher	Graduated in May 2013 Dissertation: Racial and Ethnic Differences in Accessing Timely Cancer Screening and Treatment Services: A Quantitative Analysis
Bloodworth, Robin	Graduated in May 2017 Dissertation: Preventive care utilization and its impact on preventable hospitalizations --- Implications of Medicaid cost sharing, Medicaid expansion, and the Affordable Care Act for vulnerable populations
Gaeta, Raphael	Graduated in May 2017 Dissertation: Community Living and Health Services Utilization among the Aging Services Network Population
Nair, Suma	Graduate in May 2017 Dissertation: Advancing the Health of Underserved Communities across the United States: Opportunities to Improve Health Center Quality of Care and Patient Experience
Novak, Priscilla	Graduated in May 2019 Dissertation: Health Policy, Care Coordination, and Racial and Ethnic Disparities among U.S. Adults Aged 18-64 with Serious Psychological Distress

Williams, Kester	Graduated in 2020 Dissertation: Assessing the Impact of the Affordable Care Act on the Health of Immigrants of African Descent: Health Care Access, Breast Cancer Screening, and Hypertension Prevalence
Minang, Dyllis	Graduated in 2020 Dissertation: Evaluating the Quality of Home Health Care for Individuals with Complex Medical Needs Receiving Private Duty Nursing Services in the State of Maryland
Benjenk, Ivy	Graduated in August 2021 Dissertation: Mental Health and Mental Health Services During the COVID-19 Pandemic
Barath, Deanna	Graduated in August 2022 Dissertation: Improve Population Health through Hospital and Community Partnership
Wang, Nianyang	Graduated in May 2023 Dissertation: Patterns of Health Care Utilization among the ADRD Population before and during COVID-19
Albaroudi, Asmaa	Graduated in May 2024 Dissertation: Understanding the Impact of Long-Term Care Need Among Medicare-Only Beneficiaries
Spencer, Merianne	Graduated in June 2024 Dissertation: Deaths of Despair in the U.S. Healthcare Delivery System: Understanding Patterns in Healthcare among Despairing Americans
Jang, Seyeon	Graduated in May 2025 Dissertation: Impact of ACO on Medicare Costs and Healthcare Quality for People with Alzheimer's Disease and Related Dementias
Winer, Josh	Graduated in May 2025 Dissertation: Evaluating Costs, Quality and Performance within a Market Economy Framework for the Nations of the Organization for Economic Cooperation and Development (OECD)
Mohamoud, Shamis	Graduate in June 2025 Dissertation: Value-based Payment to Improve Patient-Physician Relationship among Medicaid Beneficiaries
Amaize, Aita	Expect to graduate in 2027 Dissertation: Health Care Utilization among Frequent EMS users --- Evidence from the Medicaid Beneficiaries in the District of Columbia, US
Maguire, Teagan	2022-present Dissertation: Defining Early Hearing Aid Adoption & Evaluating the Effect of Early Adoption on Cognitive Decline
Gordon, Phil	2023-present Dissertation: Evaluating The Impact of Acute Hospital-Level Care at Home on Hospital Performance and Health Equity: An Interdisciplinary Approach
Tyagi, Pallavi	2025-present Dissertation: Preclinical Mobility Limitations in Community-Dwelling Older Adults - Its Relationship with Falls, Frailty, and the Role of Rehabilitation
Yan, Alice	2023-present Dissertation: Hospital Health IT Adoption and Outcome Quality Among Mental Health Patients in Rural vs. Urban Settings

Courses taught as a main independent instructor

HLSA711	Health Economics and Analysis
HLSA712	Advanced Health Economics
HLSA765	Dissertation Proposal Development Seminar

Training

2024-2025	The Academic Leadership Program
2024	Big Ten Academic Alliance Department Executive Officers Program
2023	UMD Advancing Holistic Review in Graduate Admissions training
2020	UMD TLTC Webinar: Facilitate an Engaging Session
2020	RWJF Health Policy Research Scholars Home Institution Mentors
2019	University of Maryland Division of Information Technology and the Teaching and Learning Transformation Center, Innovations in Teaching and Learning Conference