CURRICULUM VITAE

Momotazur Rahman, PhD

PERSONAL INFORMATION

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EDUCATION

2002	Bachelor of Social Science, Economics, University of Dhaka
2003	Masters of Social Science, Economics, University of Dhaka
2006	MA, Economics, Brown University
2010	PhD, Economics, Brown University
	<u>Dissertation</u> : Racial Segregation and Disparity in Quality of Care in US Nursing Homes
	<u>Committee members:</u> Andrew Foster (Main advisor), Anna Aizer, Sriniketh Nagavarapu
08/2010- 10/2010	Post-doctoral Research Associate, Center for Gerontology and Health Care Research, Brown University

ACADEMIC APPOINTMENTS

11/2010 -	Investigator, Health Services Policy & Practice, School of Public Health, Brown
03/2014	University
04/2014 -	Assistant Professor (Research track), Health Services Policy & Practice, School
06/2017	of Public Health, Brown University
07/2017 -	Assistant Professor (Research Scholar track), Health Services Policy & Practice,
06/2019	School of Public Health, Brown University
07/2019 – Current	Associate Professor (Research Scholar track), Health Services Policy & Practice, School of Public Health, Brown University

HONORS AND AWARDS

2005-2007	Hewlett fellowship, Brown University
2009	Graduate School Summer Research Fellowship, Brown University

2013	Paper published as "Best of the 2013 AcademyHealth Annual Research Meeting" by HSR: "Effect of Hospital-SNF Referral Linkages on Rehospitalization"
2015	Paper published as "Best of the 2015 AcademyHealth Annual Research Meeting" by HSR: "The Contribution of Skilled Nursing Facilities to Hospitals' Readmission Rate"
2015	Citation as the <u>most impactful</u> study in <u>Health Affairs in 2015</u> by the editor- in-chief: "High-Cost Patients Had Substantial Rates Of Leaving Medicare Advantage And Joining Traditional Medicare"
2016	Paper published as "Best of the 2016 AcademyHealth Annual Research Meeting" by HSR: "Is a Skilled Nursing Facility's Rehospitalization Rate a Valid Quality Measure?"
2018	Paper published as "Best of the 2018 AcademyHealth Annual Research Meeting" by HSR: "The Effects of Medicare Advantage Contract Concentration on Patient Nursing Home Outcomes"

MEMBERSHIP IN SOCIETIES

2011-2017	Academy Health / Member
2017- present	International Health Economics Association / Member
2017- present	American Society of Health Economists / Member
2017- present	American Economic Association / Member

DEPARTMENT, CENTER, OR UNIVERSITY SERVICE

2014-2016 2016-2022	Junior Faculty Methods Workshop organizing committee Departmental diversity and inclusion action plan committee
2021-2023	Operations Management Committee, Center for Gerontology and Health Services Research
2021-Present	Multiple promotion committees for the Department of Health Services Policy and Practice
2023-Present	Search committee for research scholar track assistant professor for the Department of Health Services Policy and Practice
2021-Present	PhD student admission committee for the Department of Health Services Policy and Practice
2021-2023	Health Economics Track Advisor for PhD program at the Department of Health Services Policy and Practice

NATIONAL OR INTERNATIONAL SERVICE

Grant Application Review Boards

2015	Ad hoc grant reviewer: National Institute on Minority Health and Health Disparities (NIMHD) Special Emphasis Panel reviewing applications for the Limited
	Competition: System-Level Health Services and Policy Research on Health Disparities (R01). Meeting date April 20-21, 2015
2017	Ad hoc grant reviewer: National Institute of Health (NIH) review panel on Health Services Research on Minority Health and Health Disparities. Meeting date July 10, 2017
2017	Ad hoc grant reviewer for the Robert Wood Johnson Foundation solicitation, Health Data for Action
2021	Ad hoc grant reviewer: National Institute of Health, the Organization and Delivery of Health Services (ODHS). Meeting date June 24-25, 2021
2023	Ad hoc grant reviewer: National Institute of Health, Scientific review special emphasis panel ZRG1 F18-E (20) L, Fellowships: Epidemiology and Population Sciences, Meeting date March 9-10, 2023

Editorial Responsibilities

- 2017- present Editorial Board: Health Services Research
- 2017- present Editorial Review Board: Inquiry

Journal Manuscript Reviewer

<u>Health Economics Journals</u>: Journal of Health Economics, American Journal of Health Economics, Forum for Health Economics & Policy, Health Economics, Journal of Economic Behavior and Organization, Nonprofit and Voluntary Sector Quarterly, Contemporary Economic Policy

<u>Health Services and Policy Journals</u>: BMC Health Services Research, Canadian Journal on Aging, Healthcare, Health Affairs, Health Care Management Review, Health Services Research, Inquiry, Medical Care Research and Review, Journal of Health Services Research & Policy

<u>Clinical Journals</u>: Annals of Internal Medicine, JAMA, JAMA Network Open, JAMA Neurology, Journal of the American Geriatrics Society, Alzheimer's & Dementia: The Journal of the Alzheimer's Association, Mayo Clinic Proceedings, Physical Therapy, Journal of the American Medical Directors Association, Medical Care, Journal of General Internal Medicine, American Journal of Preventive Medicine, Mayo Clinic Proceedings **PUBLICATIONS IN PEER-REVIEWED JOURNALS** (students, trainees, and postdocs marked with *)

<u>2013</u>

- 1. **Rahman M**, Zinn JS, Mor V. The Impact of Hospital-Based Skilled Nursing Facility Closures on Rehospitalizations. Health services research. 2013;48(2pt1):499-518.
- 2. Grabowski DC, Feng Z, Hirth R, **Rahman M**, Mor V. Effect of nursing home ownership on the quality of post-acute care: An instrumental variables approach. Journal of health economics. 2013;32(1):12-21.
- 3. Rahman M, Grabowski DC, Intrator O, Cai S, Mor V. Serious mental illness and nursing home quality of care. Health services research. 2013;48(4):1279-98.
- 4. Cai S, **Rahman M**, Intrator O. Obesity and pressure ulcers among nursing home residents. Medical care. 2013;51(6):478.
- 5. **Rahman M**, Foster AD, Grabowski DC, Zinn JS, Mor V. Effect of hospital–SNF referral linkages on rehospitalization. Health services research. 2013;48(6pt1):1898-919.

<u>2014</u>

- 6. Hirth RA, Grabowski DC, Feng Z, **Rahman M**, Mor V. Effect of nursing home ownership on hospitalization of long-stay residents: an instrumental variables approach. International journal of health care finance and economics. 2014;14(1):1-18.
- 7. **Rahman M**, Grabowski DC, Gozalo PL, Thomas KS, Mor V. Are dual eligibles admitted to poorer quality skilled nursing facilities? Health services research. 2014;49(3):798-817.
- 8. **Rahman M**, Gozalo P, Tyler D, Grabowski DC, Trivedi A, Mor V. Dual eligibility, selection of skilled nursing facility, and length of Medicare paid postacute stay. Medical Care Research and Review. 2014;71(4):384-401.
- 9. **Rahman M**, Tyler D, Acquah JK, Lima J, Mor V. Sensitivity and specificity of the Minimum Data Set 3.0 discharge data relative to Medicare claims. Journal of the American Medical Directors Association. 2014;15(11):819-24.
- 10. Thomas KS, **Rahman M**, Mor V, Intrator O. Influence of hospital and nursing home quality on hospital readmissions. The American journal of managed care. 2014;20(11):e523.

<u>2015</u>

- 11. **Rahman M**, Tyler D, Thomas KS, Grabowski DC, Mor V. Higher Medicare SNF care utilization by dual-eligible beneficiaries: can Medicaid long-term care policies be the answer? Health services research. 2015;50(1):161-79.
- 12. Rahman M, Foster AD. Racial segregation and quality of care disparity in US nursing homes. Journal of health economics. 2015;39:1-16.
- 13. Grebla RC, Keohane L, Lee Y, Lipsitz LA, **Rahman M**, Trivedi AN. Waiving the three-day rule: admissions and length-of-stay at hospitals and skilled nursing facilities did not increase. Health Affair. 2015;34(8):1324-30.

- 14. Pop-Vicas A, **Rahman M**, Gozalo PL, Gravenstein S, Mor V. Estimating the effect of influenza vaccination on nursing home residents' morbidity and mortality. Journal of the American Geriatrics Society. 2015;63(9):1798-804.
- Rahman M, Keohane L, Trivedi AN, Mor V. High-cost patients had substantial rates of leaving Medicare Advantage and joining traditional Medicare. Health Affair. 2015;34(10):1675-81.

<u>2016</u>

- 16. **Rahman M**, Galarraga O, Zinn JS, Grabowski DC, Mor V. The impact of certificate-of-need laws on nursing home and home health care expenditures. Medical Care Research and Review. 2016;73(1):85-105.
- 17. Keohane LM, **Rahman M**, Mor V. Reforming access: trends in Medicaid enrollment for new Medicare beneficiaries, 2008–2011. Health services research. 2016;51(2):550-69.
- 18. Schoenfeld AJ, Zhang X, Grabowski DC, Mor V, Weissman JS, **Rahman M.** Hospitalskilled nursing facility referral linkage reduces readmission rates among Medicare patients receiving major surgery. Surgery. 2016;159(5):1461-8.
- 19. **Rahman M**, Norton EC, Grabowski DC. Do hospital-owned skilled nursing facilities provide better post-acute care quality? Journal of health economics. 2016;50:36-46.
- 20. *Rivera-Hernandez M, **Rahman M**, Mor V, Galarraga O. The impact of social health insurance on diabetes and hypertension process indicators among older adults in Mexico. Health services research. 2016;51(4):1323-46.
- 21. **Rahman M**, Grabowski DC, Mor V, Norton EC. Is a skilled nursing facility's rehospitalization rate a valid quality measure? Health services research. 2016;51(6):2158-75.

<u>2017</u>

- 22. **Rahman M**, McHugh J, Gozalo PL, Ackerly DC, Mor V. The contribution of skilled nursing facilities to hospitals' readmission rate. Health services research. 2017;52(2):656-75.
- 23. *Goldberg EM, Trivedi AN, Mor V, Jung H-Y, **Rahman M**. Favorable risk selection in Medicare Advantage: trends in mortality and plan exits among nursing home beneficiaries. Medical Care Research and Review. 2017;74(6):736-49.
- 24. Winblad U, Mor V, McHugh JP, **Rahman M**. ACO-affiliated hospitals reduced rehospitalizations from skilled nursing facilities faster than other hospitals. Health Affair. 2017;36(1):67-73.
- 25. Keohane LM, Grebla RC, **Rahman M**, Mukamel DB, Lee Y, Mor V, et al. First-dollar costsharing for skilled nursing facility care in medicare advantage plans. BMC health services research. 2017;17(1):611.

<u>2018</u>

 *Meyers DJ, Mor V, Rahman M. Medicare Advantage enrollees more likely to enter lowerquality nursing homes compared to fee-for-service enrollees. Health Affair. 2018;37(1):7885.

- 27. Wright B, *Zhang X, **Rahman M**, Kocher K. Informing Medicare's two-midnight rule policy with an analysis of hospital-based long observation stays. Annals of emergency medicine. 2018;72(2):166-70.
- Keohane LM, Rahman M, Thomas KS, Trivedi AN. Effects of caps on cost sharing for skilled nursing facility services in Medicare Advantage plans. Journal of the American Geriatrics Society. 2018;66(5):992-7.
- 29. Wright B, *Zhang X, **Rahman M**, Abir M, Ayyagari P, Kocher KE. Evidence of racial and geographic disparities in the use of Medicare observation stays and subsequent patient outcomes relative to short-stay hospitalizations. Health equity. 2018;2(1):45-54.
- 30. *Kumar A, Rahman M, Trivedi AN, Resnik L, Gozalo P, Mor V. Comparing post-acute rehabilitation use, length of stay, and outcomes experienced by Medicare fee-for-service and Medicare Advantage beneficiaries with hip fracture in the United States: A secondary analysis of administrative data. PLoS medicine. 2018;15(6).
- Rahman M, Gadbois EA, Tyler DA, Mor V. Hospital–Skilled Nursing Facility Collaboration: A Mixed-Methods Approach to Understanding the Effect of Linkage Strategies. Health services research. 2018;53(6):4808-28.
- 32. Li Q, **Rahman M**, Gozalo P, Keohane LM, Gold MR, Trivedi AN. Regional variations: the use of hospitals, home health, and skilled nursing in traditional Medicare and Medicare Advantage. Health Affair. 2018;37(8):1274-81.
- 33. Galárraga O, Rana A, Rahman M, Cohen M, Adimora AA, Sosanya O, et al. The effect of unstable housing on HIV treatment biomarkers: an instrumental variables approach. Social Science & Medicine. 2018;214:70-82.
- 34. Jung H-Y, Li Q, Rahman M, Mor V. Medicare Advantage Enrollees' Use of Nursing Homes: Trends and Nursing Home Characteristics. The American journal of managed care. 2018;24(8):e249.
- 35. *Goldberg EM, Keohane LM, Mor V, Trivedi AN, Jung H-Y, **Rahman M**. Preferred provider relationships between Medicare Advantage Plans and skilled nursing facilities reduce switching out of plans: An observational analysis. INQUIRY: The Journal of Health Care Organization, Provision, and Financing. 2018;55:0046958018797412.
- 36. *Silver BC, Rahman M, Wright B, Besdine R, Gozalo P, Mor V. Effects of Medicare Medical Reviews on Ambiguous Short-Stay Hospital Admissions. Health Services Research. 2018;53(6):4747-66.
- Rahman M, *Meyers DJ, Mor V. The Effects of Medicare Advantage Contract Concentration on Patients' Nursing Home Outcomes. Health services research. 2018;53(6):4087-105.

<u>2019</u>

38. *Rivera-Hernandez M, Rahman M, Mukamel DB, Mor V, Trivedi AN. Quality of postacute care in skilled nursing facilities that disproportionately serve black and Hispanic patients. The Journals of Gerontology: Series A. 2019;74(5):689-97.

- 39. *Rivera-Hernández M, **Rahman M**, Galárraga O. Preventive healthcare-seeking behavior among poor older adults in Mexico: the impact of Seguro Popular, 2000-2012. salud pública de méxico. 2019;61:46-53.
- 40. Bélanger E, *Silver B, *Meyers DJ, **Rahman M**, *Kumar A, *Kosar C, et al. A retrospective study of administrative data to identify high-need Medicare beneficiaries at risk of dying and being hospitalized. Journal of general internal medicine. 2019;34(3):405-11.
- 41. *Meyers DJ, Belanger E, Joyce N, McHugh J, **Rahman M**, Mor V. Analysis of drivers of disenrollment and plan switching among Medicare Advantage beneficiaries. JAMA internal medicine. 2019;179(4):524-32.
- 42. Cole MB, Galárraga O, **Rahman M**, Wilson IB, editors. Trends in comorbid conditions among Medicaid enrollees with HIV. Open Forum Infectious Diseases; 2019: Oxford University Press US.
- 43. *Rivera-Hernandez M, **Rahman M**, Mor V, Trivedi AN. Racial Disparities in Readmission Rates among Patients Discharged to Skilled Nursing Facilities. Journal of the American Geriatrics Society. 2019;67(8):1672-9.
- 44. *Meyers DJ, **Rahman M**, Wilson IB, Mor V, Trivedi AN. Contract Consolidation in Medicare Advantage: 2006–2016. Journal of General Internal Medicine. 2019:1-3.
- 45. Cornell P, Grabowski D, Norton E, **Rahman M**. Do Report Cards Predict Future Quality? The Case of Skilled Nursing Facilities. Journal of Health Economics. 2019.
- 46. Panagiotou OA, *Kumar A, Gutman R, Keohane LM, Rivera-Hernandez M, **Rahman M**, et al. Hospital readmission rates in Medicare Advantage and traditional Medicare: a retrospective population-based analysis. Annals of internal medicine. 2019;171(2):99-106.
- 47. *Meyers DJ, Cole MB, **Rahman M**, Lee Y, Rogers W, Gutman R, et al. The association of provider and practice factors with HIV antiretroviral therapy adherence. Aids. 2019;33(13):2081-9.
- 48. *Meyers DJ, Wilson IB, Lee Y, Cai S, Miller SC, **Rahman M**. The quality of nursing homes that serve patients with human immunodeficiency virus. Journal of the American Geriatrics Society. 2019;67(12):2615-21.
- 49. *Schwartz ML, *Kosar CM, Mroz TM, Kumar A, **Rahman M**. Quality of Home Health Agencies Serving Traditional Medicare vs Medicare Advantage Beneficiaries. JAMA network open. 2019;2(9):e1910622-e.
- 50. *Ferdows NB, **Rahman M.** Evolution of the Nursing Home Industry in States With Different Certificate of Need Policies. Journal of the American Medical Directors Association. 2019.
- 51. Bélanger E, McHugh J, *Meyers DJ, Joyce NR, **Rahman M**, *Schwartz M, et al. Characteristics of Top-Performing Hospitals Caring for High-Need Medicare Beneficiaries. Population Health Management. 2019.
- 52. *Meyers DJ, *Kosar CM, **Rahman M**, Mor V, Trivedi AN. Association of Mandatory Bundled Payments for Joint Replacement With Use of Postacute Care Among Medicare Advantage Enrollees. JAMA Network Open. 2019;2(12):e1918535-e.

<u>2020</u>

- 53. *Kosar CM, *Loomer L, *Ferdows NB, Trivedi AN, Panagiotou OA, **Rahman M**. Assessment of Rural-Urban Differences in Postacute Care Utilization and Outcomes Among Older US Adults. JAMA Network Open. 2020;3(1):e1918738-e.
- 54. *Meyers DJ, Trivedi AN, Mor V, **Rahman M**. Comparison of the Quality of Hospitals That Admit Medicare Advantage Patients vs Traditional Medicare Patients. JAMA Network Open. 2020;3(1):e1919310-e.
- 55. *Meyers DJ, Mor V, Rahman M. Provider Integrated Medicare Advantage Plans Are Associated With Differences In Patterns Of Inpatient Care. Health Affairs. 2020; 39(5):84351.
- 56. *Loomer L, **Rahman M**, Mroz TM, Gozalo PL, Mor V. Do Higher Payments Increase Access to Post-Acute Home Health Care for Rural Medicare Beneficiaries? Journal of the American Geriatrics Society, 2020, 64 (3): 663-664
- 57. *Mandeville BR, **Rahman M**, Gardner, R. Consolidation in the Electronic Health Record Market, 2009–2017. Rhode Island Medical Journal. 2020.
- 58. Bardenheier BH, **Rahman M**, *Kosar C, Werner RM, Mor V. Successful Discharge to Community Gap of FFS Medicare Beneficiaries With and Without ADRD Narrowed. J Am Geriatr Soc. 2020.
- 59. *Meyers DJ, Wilson IB, Lee Y, **Rahman M**. Understanding the Relationship Between Nursing Home Experience With Human Immunodeficiency Virus and Patient Outcomes. Med Care. 2021;59(1):46-52.
- 60. *Kosar CM, *Loomer L, Thomas KS, *White EM, Panagiotou OA, **Rahman M**. Association of Diagnosis Coding With Differences in Risk-Adjusted Short-term Mortality Between Critical Access and Non-Critical Access Hospitals. JAMA. 2020;324(5):481-7.
- 61. *White EM, *Kosar CM, **Rahman M**, Mor V. Trends In Hospitals And Skilled Nursing Facilities Sharing Medical Providers, 2008-16. Health Aff (Millwood). 2020;39(8):1312-20.
- 62. **Rahman M**, White EM, Thomas KS, Jutkowitz E. Assessment of Rural-Urban Differences in Health Care Use and Survival Among Medicare Beneficiaries With Alzheimer Disease and Related Dementia. JAMA Netw Open. 2020;3(10):e2022111.
- 63. Hua CL, Zhang W, Cornell PY, **Rahman M**, Dosa DM, Thomas KS. Characterizing Emergency Department Use in Assisted Living. J Am Med Dir Assoc. 2020.
- 64. Meyers DJ, Trivedi AN, Mor V, **Rahman M**. Comparison of the Quality of Hospitals That Admit Medicare Advantage Patients vs Traditional Medicare Patients. JAMA Netw Open. 2020;3(1):e1919310.
- 65. Ossimetha A, Ossimetha A, Kosar CM, **Rahman M**. Socioeconomic Disparities in Community Mobility Reduction and COVID-19 Growth, Mayo Clinic Proceedings, 2020. <u>https://doi.org/10.1016/j.mayocp.2020.10.019</u>

<u>2021</u>

66. Keohane LM, Thomas KS, Rahman M, Trivedi AN. Mandated Copayment Reductions in

Medicare Advantage: Effects on Skilled Nursing Care, Hospitalizations, and Plan Exit, Medical Care, 2021, 59 (3), 259-265

- 67. **Rahman M**, White EM, Mills C, Thomas KS, Jutkowitz E. Rural-urban differences in diagnostic incidence and prevalence of Alzheimer's disease and related dementias, Alzheimer's & Dementia. 2021, <u>https://doi.org/10.1002/alz.12285</u>
- McGarry BE, White EM, Resnik LJ, Rahman M, and Grabowski DC. Medicare's New Patient Driven Payment Model Resulted In Reductions In Therapy Staffing In Skilled Nursing Facilities, Health Affairs, 40(3) <u>https://doi.org/10.1377/hlthaff.2020.00824</u>
- Meyers DJ, Trivedi AN, Wilson IB, Mor V, Rahman M. Higher Medicare Advantage Star Ratings Are Associated With Improvements In Patient Outcomes. Health Aff (Millwood). 2021;40(2):243-50.
- 70. Panagiotou OA, Voorhies KR, Keohane LM, Kim D, Adhikari D, Kumar A, RiveraHernandez M, Rahman M, Gozalo P, Gutman R, Mor V, Trivedi AN . Association of Inclusion of Medicare Advantage Patients in Hospitals' Risk-Standardized Readmission Rates, Performance, and Penalty Status. JAMA Netw Open. 2021;4(2):e2037320.
- 71. Kosar CM, **Rahman M**. Early Acceleration of COVID-19 in Areas with Larger Nursing Homes and Certificate of Need Laws. J Gen Intern Med. 2021.
- 72. Meyers DJ, **Rahman M**, Trivedi AN. Narrow Primary Care Networks in Medicare Advantage. J Gen Intern Med. 2021.
- 73. Meyers DJ, Rahman M, Rivera-Hernandez M, Trivedi AN, Mor V. Plan switching among Medicare Advantage beneficiaries with Alzheimer's disease and other dementias, Alzheimer's & Dementia: Translational Research & Clinical Interventions, 2021, <u>https://doi.org/10.1002/trc2.12150</u>
- 74. Meyers DJ, **Rahman M**, Mor V, Wilson IB, Trivedi AN. Association of Medicare Advantage Star Ratings With Racial, Ethnic, and Socioeconomic Disparities in Quality of Care, JAMA Health Forum, 2021, doi: 10.1001/jamahealthforum.2021.0793
- 75. Meyers DJ, Mor V, **Rahman M**, Trivedi AN. Growth In Medicare Advantage Greatest Among Black And Hispanic Enrollees. *Health Aff (Millwood)*. 2021;40(6):945-950.
- 76. McHugh JP, Rapp T, Mor V, **Rahman M**. Higher hospital referral concentration associated with lower-risk patients in skilled nursing facilities. *Health Serv Res.* 2021;56(5):839-846.
- Meyers DJ, Rahman M, Wilson IB, Mor V, Trivedi AN. The Relationship Between Medicare Advantage Star Ratings and Enrollee Experience. *J Gen Intern Med.* 2021;36(12):3704-3710.
- 78. Thorsness R, Wang V, Patzer RE, Drewry K, Mor V, **Rahman M**, Trivedi AN. Association of Social Risk Factors With Home Dialysis and Kidney Transplant Rates in Dialysis Facilities. *JAMA*. 2021;326(22):2323-2325.

<u>2022</u>

- Cornell, P. Y., Zhang, W., Smith, L., Rahman, M., Grabowski, D. C., Carder, P., & Thomas, K. S. (2022). Memory care reduces nursing home admissions among assisted-living residents with dementia. Alzheimer's & Dementia, 18(10), 1880-1888.
- 80. Fashaw-Walters, S. A., Rahman, M., Gee, G., Mor, V., White, M., & Thomas, K. S. (2022). Out Of Reach: Inequities In The Use Of High-Quality Home Health Agencies: Study examines inequities in the use of high-quality home health agencies. Health Affairs, 41(2), 247-255.
- 81. Gadbois, E. A., Brazier, J. F., Meehan, A., Rafat, A., Rahman, M., Grabowski, D. C., & Shield, R. (2022). Perspectives of nursing home administrators across the United States during the COVID-19 pandemic. Health Services Research.
- 82. Meyers, D. J., **Rahman, M**., & Trivedi, A. N. (2022). Narrow Primary Care Networks in Medicare Advantage. J Gen Intern Med, 37(2), 488-491. doi:10.1007/s11606-020-06534-2
- 83. Rahman, M., White, E. M., McGarry, B. E., Santostefano, C., Shewmaker, P., Resnik, L., & Grabowski, D. C. (2022). Association Between the Patient Driven Payment Model and Therapy Utilization and Patient Outcomes in US Skilled Nursing Facilities. JAMA Health Forum, 3(1), e214366. doi:10.1001/jamahealthforum.2021.4366
- 84. Schwartz, M. L., Rahman, M., Thomas, K. S., Konetzka, R. T., & Mor, V. (2022). Consumer selection and home health agency quality and patient experience stars. Health Serv Res, 57(1), 113-124. doi:10.1111/1475-6773.13867

<u>2023</u>

- 85. Brazier JF, Geng F, Meehan A, White EM, McGarry BE, Shield RR, Grabowski DC, Rahman M, Santostefano C, Gadbois EA. Examination of Staffing Shortages at US Nursing Homes During the COVID-19 Pandemic. JAMA Netw Open. 2023;6(7):e2325993. Epub 20230703. doi: 10.1001/jamanetworkopen.2023.25993. PubMed PMID: 37498600; PMCID: PMC10375301.
- 86. Cornell PY, Hua C, Rahman M, Gadkari G, Gunderson R, Smith L, Thomas KS. Association of Medicaid Financing and Concentration of Assisted Living Residents Dually Eligible for Medicare and Medicaid. JAMA Health Forum. 2023;4(2):e225338. Epub 20230203. doi: 10.1001/jamahealthforum.2022.5338. PubMed PMID: 36735249; PMCID: PMC9898816.
- Cross DA, Bucy TI, Rahman M, McHugh JP. Access to preferred skilled nursing facilities: Transitional care pathways for patients with Alzheimer's disease and related dementias. Health Serv Res. 2023. Epub 20231225. doi: 10.1111/1475-6773.14263. PubMed PMID: 38145955.
- 88. Fashaw-Walters SA, Rahman M, Gee G, Mor V, Rivera-Hernandez M, Ford C, Thomas KS. Potentially More Out of Reach: Public Reporting Exacerbates Inequities in Home Health Access. Milbank Q. 2023;101(2):527-59. Epub 20230324. doi: 10.1111/1468-0009.12616. PubMed PMID: 36961089; PMCID: PMC10262386.
- 89. Fashaw-Walters SA, **Rahman M**, Jarrin OF, Gee G, Mor V, Nkimbeng M, Thomas KS. Getting to the root: Examining within and between home health agency inequities in

functional improvement. Health Serv Res. 2023. Epub 20230625. doi: 10.1111/1475-6773.14194. PubMed PMID: 37356822.

- 90. Gadbois EA, Brazier JF, Meehan A, Rafat A, Rahman M, Grabowski DC, Shield R. Perspectives of nursing home administrators across the United States during the COVID-19 pandemic. Health Serv Res. 2023;58(3):686-96. Epub 20221201. doi: 10.1111/1475-6773.14104. PubMed PMID: 36416209; PMCID: PMC10154166.
- 91. Gadbois EA, Brazier JF, White EM, Hawes C, Meehan A, Rafat A, Geng F, Rahman M, Grabowski DC, Shield RR. Caring for nursing home residents with dementia during the COVID-19 pandemic: Perspectives from administrators. J Am Geriatr Soc. 2023. Epub 20231012. doi: 10.1111/jgs.18634. PubMed PMID: 37823457.
- 92. Kosar CM, Mor V, Werner RM, Rahman M. Risk of Discharge to Lower-Quality Nursing Homes Among Hospitalized Older Adults With Alzheimer Disease and Related Dementias. JAMA Netw Open. 2023;6(2):e2255134. Epub 20230201. doi: 10.1001/jamanetworkopen.2022.55134. PubMed PMID: 36753276; PMCID: PMC9909503.
- 93. Loomer L, **Rahman M**, Mroz TM, Gozalo PL, Mor V. Impact of higher payments for rural home health episodes on rehospitalizations. J Rural Health. 2023;39(3):604-10. Epub 20221106. doi: 10.1111/jrh.12725. PubMed PMID: 36336461; PMCID: PMC10163169.
- 94. Oh H, White EM, Muench U, Santostefano C, Thapa B, Kosar C, Gadbois EA, Osakwe ZT, Gozalo P, Rahman M. Advanced practice clinician care and end-of-life outcomes for community- and nursing home-dwelling Medicare beneficiaries with dementia. Alzheimers Dement. 2023;19(9):3946-64. Epub 20230418. doi: 10.1002/alz.13052. PubMed PMID: 37070972; PMCID: PMC10523969.
- 95. Rahman M, Meyers D, White EM, McGarry BE, Santostefano C, Resnik L, Grabowski DC. Spillover effect of the Patient Drive Payment Model on skilled nursing facility therapy delivery among Medicare Advantage enrollees. Health Econ. 2023;32(9):1887-97. Epub 20230523. doi: 10.1002/hec.4714. PubMed PMID: 37219337.

<u>2024</u>

- 96. Meehan A, Brazier JF, Grabowski DC, Rahman M, Shield RR, Gadbois EA. Administrator Perspectives on the Impact of COVID-19 on the Administration of the Patient Driven Payment Model in U.S. Skilled Nursing Facilities. Med Care Res Rev. Published online February 29, 2024:10775587241233018. doi:10.1177/10775587241233018
- 97. Wilson IB, Cole MB, Lee Y, Shireman TI, Justice AC, **Rahman M.** The relationship of age and comorbid conditions to hospital and nursing home days in Medicaid recipients with HIV. AIDS. Published online February 22, 2024. doi:10.1097/QAD.00000000003870
- 98. Brazier JF, Meehan A, White W, Shield RR, Grabowski DC, Rahman M, Gadbois EA. Rethinking Infection Control: Nursing Home Administrator Experiences During the COVID-19 Pandemic. Med Care Res Rev. Journal of the American Medical Directors Association. Accepted.
- 99. James HO*, Dana BA, **Rahman M**, Trivedi AN, Kosar CM, Meyers DJ. "Medicare Advantage Health Risk Assessments Contribute Up To \$12 Billion Per Year To Risk-Adjusted Payments", Health Affairs, Accpeted
- 100. Thapa B*, Kosar C, Oh H*, Muench U, Santostefano C, Gadbois EA, Gozalo P, Rahman M, White EM. "Association of Nurse Practitioner Care and Scope of Practice Regulations

with End-of-Life Outcomes for Nursing Home Residents with Dementia" JAMA Health Forum, Accepted

BOOKS AND BOOK CHAPTERS

1. Razzaque, Abdur, **Momotazur Rahman**, 2008. International Competitiveness of Bangladesh's Garment Exports. "Venturing into a quota-free world : the ready-made garment industry"

INVITED EDITORIALS

- 101. Mor V, **Rahman M**, McHugh J. Accountability of hospitals for Medicare beneficiaries' postacute care discharge disposition. JAMA internal medicine. 2016;176(1):119-21.
- 102. Mor V, Thomas KS, **Rahman M**. Defining and measuring nursing home placement. Journal of the American Geriatrics Society. 2018;66(10):1866.
- 103. Rahman M, Meyers D, Wright B. Unintended Consequences of Observation Stay Use May Disproportionately Burden Medicare Beneficiaries in Disadvantaged Neighborhoods. Mayo Clinic Proceedings 95 (12), 2589-2591
- 104. **Rahman M**, Meyers DJ, Gozalo P. Quality of End-of-Life Care for Medicare Advantage Enrollees—Does It Measure Up? JAMA Network Open 3 (10), e2021063-e2021063

INVITED/PANEL PRESENTATIONS

Local/National

- 1. "Racial Segregation and Disparity in Quality of Care in US Nursing Homes". NIA Research Group Meeting, Providence, RI, June 2009
- 2. "Are Dual Eligibles Admitted to Poorer Quality Skilled Nursing Facilities?" PACE Organization of Rhode Island, Providence, RI, June 2012
- 3. "Effect of Hospital-SNF Referral Linkages on Patient Outcomes", Dartmouth/NIA Research Group Meeting, Waterville Valley, NH, June 2013
- 4. Discussant of a paper by Jun Li and Edward C. Norton titled "Pay-for-Performance and Long-Term Care" at the ASHEcon Conference, Atlanta, GA, June 2018
- 5. Discussant of a paper by Weerahandi, et al, titled "The Role of Hospitals and Post-Acute Care Providers in Readmission Reduction" at the ASHEcon Conference, Atlanta, GA, June 2018
- 6. "Association Between the Patient Driven Payment Model and Therapy Utilization and Patient Outcomes in US Skilled Nursing Facilities" Invited presentation in HPE work-inprogress seminar at Weill Cornell Medicine, January 20, 2021.
- 7. "From Diagnosis to Displacement: The Unique Migration Patterns of Dementia Patients" Invited presentation in Brown Bag seminar at Columbia University, March 20, 2024

<u>International</u>

1. "Tackling the Disenrollment Dilemma: When Nursing Home Beneficiaries Belong to the Facility's Most Popular Plan They're Less Likely to Disenroll". Organized session at iHEA conference, Boston, MA, July 2017.

- 2. "Disparity in Incidence and Health Outcomes between Rural and Urban Patients with Alzheimer's disease and related disorders" at Alzheimer's Association International Conference, Chicago, IL, July 2018.
- "The Effects of Medicare Advantage Contract Concentration on Patient Nursing Home Outcomes" Organized session at 5th International Conference on Evidence-based Policy in Long-term Care, Vienna, Austria, September 2018.
- "Hospital-Skilled Nursing Facility Collaboration: A Mixed-methods Approach to Understanding the Effect of Linkage Strategies." Organized session at 5th International Conference on Evidence-based Policy in Long-term Care, Vienna, Austria, September 2018.
- 5. Invited discussant of a paper led by Jun Li, Bo Zheng, and Geoffrey Hoffman titled "Learning by Doing" in Home Health Care and Implications for Dementia Populations" in a paper session titled The Economics of Aging and Long-Term Care in Allied Social Science Associations Annual Meeting, January 2024
- 6. Invited discussant of a paper led by Toshiaki Iizuka, Shinya Sugawara, and Masaki Takahashi titled "Vertical Integration and Agency: Evidence from the Long-Term Care Market" in a paper session titled The Economics of Long-Term Care in Allied Social Science Associations Annual Meeting, January 2024

GRANTS

Current Research Grants

Grant Title:	The Impact of Advanced Practice Clinicians on End of Life Outcomes for
	Older Adults with Dementia
Funding Agency:	R01 AG065312-01 NIA
Period:	2020-2023
Role:	Principal Investigator
Amount:	1.4 M
Grant Title:	Alzheimer's Disease and Related Disorders Treatment and Outcomes in America: Changing Policies and Systems – Parent
Funding Agency:	NIA
Period:	2019 - 2024
Role:	Co-PI (Vincent Mor, PI)
Amount:	11.5 M
Grant Title: Funding Agency: Period:	Evaluating Medicare's New Skilled Nursing Facility Payment System Warren Alpert Foundation 2019-2024
Role:	Principal Investigator (With David Grabowski)
Amount	1.3 M
Grant Title: Funding Agency:	Private Equity Expansion in Assisted Living: Implications for Dementia Care 1R01AG079868-01A1 NIH
Period: Role:	2023-2027 Principal Investigator (With Kali Thomas)

Amount:	3.4 M
Grant Title: Funding Agency: Period: Role: Amount	Assessing the lasting impact on US Nursing Homes Warren Alpert Foundation 2023-2026 Principal Investigator (With David Grabowski and Emily Gadbois) 1.3 M
Grant Title: Funding Agency: Period: Role: Amount:	Impact of Prescription Caps on Health Outcomes in People Infected with HIV R01 MH122301 NIMH 2020-2024 Co-Investigator (Theresa I. Shireman, PI) 3.6 M
Grant Title: Funding Agency: Period: Role: Amount:	Effects of Expanding Medicare Advantage Enrollment to Persons with End-stage Renal Disease R01DK129388 NIDDK 2021-2025 Co-Investigator (Amal Trivedi, PI) 2.7 M
Grant Title: Funding Agency: Period: Role: Amount:	Understanding the Relationship between Medicare Advantage Provider Network Diversity and Health Disparities NIMHD 2021-2023 Co-Investigator (David Meyers, PI) 0.4 M
Grant Title: Funding Agency: Period: Role: Amount:	Examining Health Comorbidities and Healthcare Utilization Disparities among Older Transgender and Cisgender Adults in the U.S. NIA 2022-2027 Co-Investigator (Meyers/Hughto, MPI) 1.9M

Current Training Grants

Grant Title:	Aging Health & Health Services Research Training
Funding Agency:	2T32 AG023482-14 NIA
Period:	05/01/04 - 04/30/22
Role:	Mentor (PI: Amal Trived)

Grant Title:	Medicare Advantage Plan Choice and Selection among Vulnerable
	Seniors
Funding Agency:	Advance-CTR Mentored Research Awards
Period:	05/01/2018 - 04/30/2020
Role:	Mentor (PI: Maricruz Rivera-Hernandez)

Grants: Pending

Grant Title:	The Impact of Institutional Special Need Plan (I-SNP) enrollment on Long-term and End-of-Life Outcomes for Older Adults with Dementia	
Funding Agency:	1R01AG082098-01A1 NIA	
Period:	2024-2028	
Role:	Principle Investigator	
Status:	Impact score 20, percentile 3; Pending	
Grant Title:	Impact of Medicare and Medicaid Financial Policies on Post-acute and Long-term Care for Persons Living with Dementia	
Funding Agency:	1R01AG089051-01 NIA	
Period:	2024-2029	
Role:	Principle Investigator (With Cyrus Kosar)	
Status:	Received impact score of 40	
Grant Title:	Alzheimer's Disease and Related Disorders Treatment and Outcomes in America: Changing Policies and Systems	
Funding Agency:	2P01AG027296-16 NIA	
Period:	2024-2029	
Role:	Principle Investigator of Project 4 (with Katherine Ornstein) (Overall PI: Amal Trivedi and Kali Thomas)	
Status:	Received impact score of 24	

Completed Grants

Grant Title:	Selection and the Quality Impact of Nursing Home Ownership
Funding Agency:	R01 AG034179 NIA; Sub w/Harvard
Period:	9/15/09 -8/31/12
Role:	Co-Investigator (David Grabowski, PI)
Amount:	\$1M
Grant Title:	The Impact of Flu and Flu Vaccine on NH Resident Morbidity
Grant Title: Funding Agency:	The Impact of Flu and Flu Vaccine on NH Resident Morbidity R01HS018462 AHRQ
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Funding Agency:	R01HS018462 AHRQ

Grant Title:	Shaping Long-Term Care in America
Funding Agency:	P01 AG027296 NIA
Period:	9/15/2007-06/30/2012
Role:	Co-Investigator (Vincent Mor, PI)
Amount:	\$7,968,055
Grant Title:	Stratified, Cluster Random Assignment Trial – Flu Mortality
Funding Agency:	Sanofi Pastuer
Period:	8/1/12-7/31/14
Role:	Co-Investigator (Vincent Mor, PI)
Amount:	\$1.2M
Grant Title:	Development of MDS-based measures of Length of Stay Task Order #3
Funding Agency:	American Health Care Association
Period:	10/1/13 – 9/30/14
Role:	Co-Investigator (Vincent Mor, PI)
Amount:	\$146,334
Grant Title:	Understanding Racial and Geographic Disparities in Hospital-Based Observation Care
Funding Agency:	1R21AG047102 NIA; Subcontract to University of Iowa
Period:	5/1/14 – 2/28/16
Role:	Principal Investigator of subcontract (Brad Wright, PI)
Amount:	\$133,435
Grant Title:	Emerging Role of Medicare Advantage in Nursing Home Care
Funding Agency:	R01 AG047180-01 NIA
Period:	6/1/14-3/31/18
Role:	Co-Investigator (Vincent Mor, PI)
Amount:	\$1,228,170
Grant Title: Funding Agency: Period:	Nursing Home Selection of Medicare Advantage Patients and Its Implications on Health Outcomes R03G050002 NIA 04/01/2016 - 03/31/2019
Role:	Principal Investigator
Amount:	\$162,500

Grant Title:	High-Cost, High-Needs Patient Project
Funding Agency:	Peter G. Peterson Foundation
Period:	2/1/2017-1/31/2019
Role:	Co-Principal Investigator (Vincent Mor, PI)
Amount:	\$1,110,000
Grant Title:	Rural-Urban Disparity in Post-Acute Care
Funding Agency:	R21 AG053712 NIA
Period:	1/1/2017-12/31/2018
Role:	Principal Investigator
Amount:	\$448,356
Grant Title: Funding Agency: Period: Role: Amount:	Changing Long Term Care in America: Policies, Markets, Strategies, and Outcomes P01 AG027296-06 A1 NIA 12/01/2014 - 01/31/2019 Co-Investigator (Vincent Mor, PI) \$6,399,973
Grant Title: Funding Agency: Period: Role: Amount:	Aging, comorbid conditions, and health care utilization in persons with HIV 1R01MH102202-01A1 NIMH 04/01/2014 - 02/28/2018 Co-Investigator (Ira Wilson, PI) \$2,607,779
Grant Title: Funding Agency: Period: Role: Amount:	Disparity in Incidence and Health Outcomes between Rural and Urban Patients with Alzheimer's disease and related disorders R03 AG054687-01 NIA 5/1/2017-4/30/2019 Principal Investigator \$162,500
Grant Title:	The Impact of Accountable Care Organizations on Post Acute Care
Funding Agency:	5R01AG053307 NIA
Period:	09/15/2016 – 04/30/2020
Role:	Co-Investigator (Pedro Gozalo, PI)
Amount:	\$1,986,696

Grant Title: Funding Agency: Period: Role: Amount:	Do State Regulations Affect the Outcomes of Assisted Living Residents with Dementia? R01AG057746-01 NIA 01/15/2018 – 12/31/2020 Co-Investigator (Kali Thomas, PI) \$1,864,998
Grant Title:	Disparities in Nursing Home Care Quality for Patients Living with HIV/AIDS
Funding Agency:	R01MH109394-01A1 NIMH
Period:	07/11/2016 - 04/30/2020
Role:	Co-Investigator (Ira Wilson, PI)
Amount:	\$2,309,507
Grant Title:	Medicaid Financing for Assisted Living Care: Examining Disparities in Outcomes for Residents Dually Eligible for Medicare and Medicaid
Funding Agency:	Donaghue Foundation
Period:	2020-2022
Role:	Co-Investigator (Kali Thomas, PI)
Amount:	0.2 M

UNIVERSITY TEACHING AND MENTORING ROLES

Classroom Teaching

2007	Undergraduate teaching	g EC 1510: Economic development; Instructor; Advanced
		undergraduate students, Brown University, Providence, RI
2019	Undergraduate teaching	g ECON 1110: Intermediate Microeconomics
2014-2015	Graduate teaching	PHP2455: Seminar on modern methods for HSR and CER,
		Selection on unobservables: Instrumental variables, 2SLS;
		2.5 hour lecture, Brown University, Providence, RI
2021-2022	Graduate teaching	PHP2455: Health Services Research Methods I & II

Mentoring undergraduate students

2023- Present	Research mentoring	Mahir Rahman, Brown University
2024- Present	Research mentoring (UTRA)	Anna Smith, Brown University

2022	MPH Thesis reader	Brittany Mandeville, Brown Universi	ty
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2022-2023	MPH Dissertation advisor	Justin Coleman, MPH Thesis, Brown University
2022-2023	MPH Dissertation advisor	Connie Lin, MPH Thesis, Brown University

Mentoring PhD Students

2015-2017	Dissertation committee member	Benjamin Silver, PhD Thesis, Health Services Policy and Practice, Brown University
2017-2021	Dissertation committee member	Cyrus Kosar, PhD Thesis, Health Services Policy Practice, Brown University
2017-2021	Dissertation committee member	Margot Schwartz, PhD Thesis, Health Services Policy and Practice, Brown University
2017-2020	Dissertation committee member	David Meyers, PhD Thesis, Health Services Policy and Practice, Brown University
2018-2020	Dissertation committee member	Lacey Loomer, PhD Thesis, Health Services Policy and Practice, Brown University
2016-2017	Research methods advisor	Xuan Zhang, Department of Economics, Brown University
2019-2021	Dissertation committee member	Rebecca Thorsness, PhD Thesis, Health Services Policy and Practice, Brown University
2019-2021	Dissertation committee member	Shekinah Fashaw, PhD Thesis, Health Services Policy and Practice, Brown University
2021-2022	Dissertation committee member	Bishnu Thapa, PhD Thesis, Health Services Policy and Practice, Brown University
2021- present	Dissertation committee chairman	2021- Hyesung Oh, PhD Thesis, Health Services Policy and Practice, Brown University
2022- Present	Dissertation committee member	Eunhae Grace Oh, PhD Thesis, Health Services Policy and Practice, Brown University
2022- Present	Dissertation committee member	Hannah James, PhD Thesis, Health Services Policy and Practice, Brown University
2023- Present	Dissertation committee member	Neto Coulibaly, PhD Thesis, Health Services Policy and Practice, Brown University
2024- Present	Dissertation committee member	Hyunkyung Yulia, PhD Thesis, Health Services Policy and Practice, Brown University
2024- Present	Academic Advisor	Jacy Weems, PhD student, Health Services Policy and Practice, Brown University

2023- Present	Academic Advisor	Zihan Chen, PhD student, Health Services Policy and Practice, Brown University
<u>Mentoring I</u>	Post-docs and Junior Fa	aculty Members
2015-2021	Mentor	Maricruz Rivera-Hernandez, PdD, Advance-CTR Mentored Research Award, Health Services Policy and Practice, Brown University
2015-2018	Mentor	Elizabeth M. Goldberg, MD, Post-doctoral fellowship mentor, Health Services Policy and Practice, Brown University
2016-2018	Research methods advisor	Amit Kumar, PhD, Post-doctoral fellowship mentor, Health Services Policy and Practice, Brown University
2016-2018	Mentor	Nasim B. Ferdows, PhD, Post-doctoral fellowship, Health Services Policy and Practice, Brown University
2016-2018	Research methods advisor	Portia Cornell, PhD, Post-doctoral fellowship mentor, Health Services Policy and Practice, Brown University
2022-2023	Mentor	Bishnu Thapa, PhD, Post-doctoral fellowship, Health Services Policy and Practice, Brown University
2022- present	Mentor	Huiying Wang, PhD, Post-doctoral fellowship, Health Services Policy and Practice, Brown University
2022- present	Junior faculty mentor	Elizabeth White, PhD, Assistant Professor, Health Services Policy and Practice, Brown University

MEDIA COVERAGE AND INTERVIEWS

- Interviews and other media coverage on Rahman et al "High-Cost Patients Had Substantial Rates Of Leaving Medicare Advantage And Joining Traditional Medicare" (*Health affairs*, 2015): <u>New York Times, Reuters, National Public Radio, Becker's Healthcare</u>, <u>Heathcaredive, Bankrate, AJMC, Chicago Policy Review, Just care, AcademyHealth Blog, Providence Business News, The Incidental Economist, world today news</u>.
- 2. Interviewed by Modern Healthcare in 2016 on post-acute care quality measures.
- 3. Interviews and other media coverage on Winblad et al "ACO-Affiliated Hospitals Reduced Rehospitalizations From Skilled Nursing Facilities Faster Than Other Hospitals" (*Health affairs*, 2017): <u>Becker's hospital review</u>, Orthopedics today.
- Media coverage on Meyers et al "Medicare Advantage Enrollees More Likely To Enter Lower-Quality Nursing Homes Compared To Fee-For-Service Enrollees." (*Health Affairs* 2018): Forbes

- Media coverage on Rahman et al "The Effects of Medicare Advantage Contract Concentration on Patient Nursing Home Outcomes." (*Health Services Research, 2018*): <u>McKnight's Long-term Care</u>
- 6. Interviews and other media coverage on "Quality of Home Health Agencies Serving Traditional Medicare vs Medicare Advantage Beneficiaries" JAMA network open 2019: <u>Reuters</u>, <u>Medical Research</u>.
- 7. Interviews with <u>NPR</u> on Certificate of Need policies for home health.
- 8. Interviews and other media coverage on "Assessment of Rural-Urban Differences in Health Care Use and Survival Among Medicare Beneficiaries With Alzheimer Disease and Related Dementia." JAMA Netw Open. 2020: <u>Healio</u>, <u>Medical Express</u>
- Interviews and other media coverage on "Association of Diagnosis Coding With Differences in Risk-Adjusted Short-term Mortality Between Critical Access and Non-Critical Access Hospitals." JAMA. 2020: <u>ScienceDaily</u>