

CURRICULUM VITAE

SALLY CLARK STEARNS

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PERMANENT ADDRESS Department of Health Policy and Management
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EDUCATION

1987	University of Wisconsin - Madison	Ph.D., Economics
1979	London School of Economics	M.Sc., Economics
1977	University of Michigan - Ann Arbor	B.A.

PROFESSIONAL EXPERIENCE

Current Positions (Retiring June 2024):

2009 – 2024	Professor Department of Health Policy and Management The University of North Carolina at Chapel Hill (Assistant from 1989-1996; Associate from 1997-2009; Began Phased Retirement in July 2021)
2004 – 2024	Adjunct Professor Department of Economics The University of North Carolina at Chapel Hill
1994 – 2024	Senior Research Fellow The Cecil G. Sheps Center for Health Services Research The University of North Carolina at Chapel Hill

Prior Positions (Following Completion of PhD in 1987):

10/2011 – 12/ 2012	Senior Advisor in residence at ASPE and Health and Aging Policy Fellow
5/2018 – 9/2021	Department of Health and Human Services Office of the Assistant Secretary for Planning and Evaluation
2000 – 2002	Senior Research Fellow Institute for Applied Health Sciences University of Aberdeen, Scotland
1987 – 1989	Research Economist Mathematica Policy Research, Inc. Princeton, New Jersey

HONORS

Awards and Fellowships:

Health and Aging Policy Fellow, 2011-2012

Karl Entemann Fellowship for Research in Health Economics, 1986

National Institute of Mental Health Trainee, 1985 - 1986

Wisconsin Alumni Research Fund Fellowship, 1982 – 1983

MEMBERSHIPS

AcademyHealth

American Society of Health Economists

International Health Economics Association

BIBLIOGRAPHY

List of Published Work in MyBibliography:

<http://www.ncbi.nlm.nih.gov/sites/myncbi/sally.stearns.1/bibliography/40591464/public/?sort=date&direction=ascending>

Google Scholar Link:

https://scholar.google.com/citations?hl=en&user=f8BKc8QAAAAJ&view_op=list_works

Peer-reviewed Publications (* indicates lead author was a student at the time of the work):

1. Savitz, ST, K Falk, SC Stearns, LR Grove, DE Pathman, JS Rossi. “Race-Ethnicity and Sex Differences in One-Year Survival Following Percutaneous Coronary Intervention among Medicare Fee-for-Service Beneficiaries.” *Journal of Evaluation in Clinical Practice*, December 2023 (online) <https://onlinelibrary.wiley.com/doi/10.1111/jep.13954> .
2. *Salgado Hernandez, JC, SW Ng, SC Stearns, JG Trogon. “Cost-benefit analysis of alternative tax policies on sugar-sweetened beverages in Mexico.” *PLOS ONE*, October 2023 (online), <https://doi.org/10.1371/journal.pone.0292276> .
3. Turrini, G, SS Chan, PW Klein, SM Cohen, SC Stearns, A Dempsey, H Hauck, LW Cheever, AR Chappel. Assessing Health Care Utilization and Spending among Older Medicare Beneficiaries with and without HIV. *Medical Care Research and Review*, September 2023 (online), <https://doi.org/10.1177/10775587231198903> .
4. *Grove, LR. SA Berkowitz, G Cuddeback, GH Pink, SC Stearns, T Sturmer, ME Domino. “Permanent Supportive Housing Receipt and Health Care Use among Adults with Disabilities.” *Medical Care Research and Review*, June 2023 (online), doi:10.1177/10775587231183192 .

5. *Zhu, Ye, SC Stearns. Hospital Safety-Net Status and Post-Discharge Outcomes: The Impact of Socioeconomic Status and Medicare Post-Acute Care Type. *Journal of Evaluation in Clinical Practice*, 2023;29(6):955-963. <https://doi.org/10.1111/jep.13815>
6. *Shafer, P, SB Dusetzina, LM Sabik, TF Platts-Mills, SC Stearns, JG Trogdon. “High Deductible Health Plans and Use of Free Preventive Services Under the Affordable Care Act.” *Inquiry*, 2023 60:1-12. <https://doi.org/10.1177/00469580231182512>
7. *Brathwaite, D, A Strain, AE Waller, M Weinberger, SC Stearns. The Effect of Increased Emergency Department Demand on Throughput Times and Disposition Status for Pediatric Psychiatric Patients. *American Journal of Emergency Medicine*. 2023 Feb;64:174-183. <https://doi.org/10.1016/j.ajem.2022.11.028>
8. *Miller, KEM, CH Van Houtven, EF Kent, D Gilleskie, GM Holmes, VA Smith, SC Stearns. Short-term effects of Comprehensive Caregiver Supports on Caregiver Outcomes. *Health Services Research*. 2023(1):140-153. <https://onlinelibrary.wiley.com/doi/10.1111/1475-6773.14038>
9. Henderson, K, B Kaufman, JS Rotter, SC Stearns, CA Sueta, R Foraker, PM Ho, PP Chang. Socioeconomic Status and Modification of Atherosclerotic Cardiovascular Disease Risk Prediction: epidemiological analysis using data from the Atherosclerosis Risk in Communities Study. *BMJ Open* 2022;12:e058777. doi:10.1136/bmjopen-2021-058777
10. *Miller, KEM, SC Stearns, CH Van Houtven, D Gilleskie, GM Holmes, EE Kent. The Landscape of State Policies Supporting Family Caregivers as Aligned with the National Academy of Medicine Recommendations. *Milbank Quarterly*. 2022 Sept (Vol 100) <https://doi.org/10.1111/1468-0009.12567>
11. *Grove, LR, SA Berkowitz, G Cuddeback, GH Pink, SC Stearns, ME Domino. Permanent Supportive Housing Tenure Among a Heterogeneous Population of Adults with Disabilities. *Population Health Management*. DOI: 2022 April 25(2). <https://www.liebertpub.com/doi/abs/10.1089/pop.2021.0348>
12. Savitz, ST, K Falk, SC Stearns, D Pathman, L Grove, J Rossi. Disparities in Delivery of PCI Procedures Among Medicare Beneficiaries. *Journal of the American College of Cardiology*. 2021;77(18,1). <https://www.jacc.org/doi/full/10.1016/S0735-1097%2821%2901551-5>
13. *Zhu, Ye, SC Stearns, GM Holmes. The Contributions of Survey-based Versus Administrative Measures of Socioeconomic Status in Predicting Type of Post-Acute Care for Hospitalized Medicare Beneficiaries. *Journal of Evaluation in Clinical Practice, Early View*. 2021 <https://onlinelibrary.wiley.com/doi/abs/10.1111/jep.13647>

14. Savitz, ST, K Falk, SC Stearns, L Grove, J Rossi. Coronary Revascularization Outcomes in Relation to Skilled Nursing Facility Use Following Hospital Discharge. *Clinical Cardiology*. 2021;44(5):627-635 <https://onlinelibrary.wiley.com/doi/10.1002/clc.23583>.
15. LeCraw, FR, SC Stearns, MJ McCoy. How U.S. Teams Advanced Communication and Resolution Program Adoption at Local, State and National Levels. *Journal of Patient Safety and Risk Management*. 2021;26(1):34-40.
16. *Garcia Reeves, AB, SC Stearns, JG Trogdon, JM Lewis, DJ Weber, M Weinberger. Impact of California's mandate for antimicrobial stewardship programs on rates of methicillin-resistant Staphylococcus aureus and Clostridioides difficile infection in acute-care hospitals. *Infection Control & Hospital Epidemiology*. 2021;42(3):298-304.
17. *Garcia Reeves, AB, JW Lewis, JG Trogdon, SC Stearns, DJ Weber, M Weinberger. "Are rates of methicillin-resistant Staphylococcus aureus and Clostridioides difficile associated with quality and clinical outcomes in US acute care hospitals?" *American Journal of Medical Quality*. 2021;36(2):90-98. doi: 10.1177/1062860620942310
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19. Platts-Mills TF, McLean SA, Weinberger M, Stearns SC, Bush M, Teresi BB, Hurka-Richardson K, Kroenke K, Kerns RD, Weaver MA, Keefe FJ. Brief educational video plus telecare to enhance recovery for older emergency department patients with acute musculoskeletal pain: study protocol for the BETTER randomized controlled trial. *Trials*. 2020;21(1):615. doi:10.1186/s13063-020-04552-3.
20. Zimmerman, S, PD Sloane, K Ward, CJ Wretman, SC Stearns, P Poole, JS Preisser. "Effectiveness of a Mouth Care Program Provided by Nursing Home Staff on Pneumonia Incidence: A Cluster Randomized Trial." *JAMA Network Open*, 3(6):e204321. doi:10.1001/jamanetworkopen.2020.4321.
21. Savitz, ST, SC Stearns. "Challenges in Conducting an Observational Study to Assess the Concordance for Hospitalizations from Multiple Data Sources" *SAGE Research Methods Cases: Medicine & Health*, <https://dx.doi.org/10.4135/9781529740608>.
22. *Savitz, ST, SC Bailey, SB Dusetzina, WS Jones, JG Trogdon, SC Stearns. "Treatment Selection and Medication Adherence for Stable Angina: The Role of Area-based Health Literacy." *Journal of Evaluation in Clinical Practice*, <https://doi.org/10.1111/jep.13341>.
23. *Zhu, Y, SC Stearns. "Post-Acute Care Locations: Hospital Discharge Destination Reports versus Medicare Claims." *Journal of the American Geriatrics Society*, 68:847-851, 2020. DOI: 10.1111/jgs.16308

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<http://www.ncmedicaljournal.com/content/79/1.toc>
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35. *Alburikan, K, A Aldemerdash, S Savitz, J Tisdale, E Whitsel, E Soliman, E Thudium, CA Sueta, AM Kucharska-Newton, SC Stearns, JE Rodgers. "Contribution of Medications and Risk Factors to QTc Interval Lengthening in the Atherosclerosis Risk in Communities (ARIC) Study." *Journal of Evaluation in Clinical Practice*. 2017 23(6):1274-1280. doi: 10.1111/jep.12776.
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Refereed Oral Presentations:

1. "Discharge Medications, Hospice Use and 30 Day Outcomes for Hospitalized Heart Failure Patients." Poster at AHA Quality of Care and Outcomes Research, Baltimore, MD, April 29, 2015.
2. Presentation at the American Society for Health Economists Biennial Meeting, Los Angeles, CA June 23, 2014
3. "Medications Adherence after Discharge for Hospitalized Heart Failure Patients." Poster at AHA Quality of Care and Outcomes Research, Baltimore, MD, May, 2014.
4. "Explaining Variation in Hospice Visit Intensity for Routine Home Care." Presentation at the AcademyHealth Annual Research Meeting, Baltimore, MD, June 25, 2013.

5. “Incorporating Outcomes Research into an Ongoing Observational Study of Cardiovascular Disease: The Atherosclerosis Risk in Communities (ARIC) Study” Presentation at the AcademyHealth Annual Research Meeting, Orlando, Florida June 25, 2012. Slides at: <http://www.academyhealth.org/files/2012/monday/stearns.pdf>
6. “Modeling Resource Use Trajectories with Censored Data: An Illustration using Coronary Revascularization Choices” American Society for Health Economists, 4th Biennial Meeting, Minneapolis, Minnesota, June 13, 2012
7. “Evaluating Treatments with Heterogeneous Effects and Endogenous Selection: Effects of Cardiologist Follow-up for Medicare Beneficiaries with Myocardial Infarction.” Presentation at the Biennial Meeting of the International Health Economists Association, Toronto, July 2011.
8. “Accounting for Heterogeneity in Treatment Selection: Does Stent Choice Reflect Essential Heterogeneity?” American Society for Health Economists, Ithaca, New York, July 2010
9. “Do Stable Nursing Home Staff Improve Resident Outcomes?” AcademyHealth Annual Research Meeting, Chicago, Illinois, June 28, 2009. (Selected as an “Outstanding Abstract”)
10. “Using Small Area Variations in Procedure Rates to Identify Effects of Revascularization Among the Elderly” Allied Social Sciences Association Annual Meeting, San Francisco, January 2009. (Also presented at Health Policy Seminar, University of Chicago, May 28, 2009)
11. “Do Prevention Efforts by Nursing Homes Reduce Back Injuries among Nursing Assistants?” American Society for Health Economists 2008 Research Meeting, Durham, NC, June 24, 2008.
12. “Staying the Course: Facility and Profession Retention among Certified Nursing Assistants in Nursing Homes.” AcademyHealth Annual Research Meeting, Washington, DC, June 9, 2008.
13. “Concentration of Costs in the Last Years of Life.” American Association of Retired Persons. Invited presentation at special meeting on: The Impact of Population Aging on Health Care Costs, Washington, DC, October 23, 2007
14. “Facility and Profession Retention among Certified Nursing Assistants in Nursing Homes.” International Health Economics Association Meeting, Copenhagen, Denmark, July 7, 2007.
15. “Effects of Expanding Preventive Dental Care in Medical Offices for Young Children Covered by Medicaid.” AcademyHealth Annual Research Meeting, Orlando, Florida, June 4, 2007.

16. "The Staffing-Outcomes Relationship in Nursing Homes." American Society of Health Economists Inaugural Conference, Madison, Wisconsin, June 4-7th, 2006.
17. "Effects of Expanding Preventive Dental Care in Medical Offices for Young Children Covered by Medicaid." AcademyHealth Annual Research Meeting, Seattle, Washington, June 2006.
18. "Using Propensity Stratification versus Instrumental Variables to Compare Length of Stay in Hospital-Based versus Freestanding Skilled Nursing Facilities." AcademyHealth Annual Research Meeting, Boston, Massachusetts, June 2005. (Selected as an "Outstanding Abstract")
19. "Determinants and Effects of Staffing Mix and Intensity in Residential Care/Assisted Living" Gerontological Society of America Annual Meeting, Washington, DC, November 2004.
20. "How Age and Disability Affect Long-Term Care Expenditures in the United States." International Health Economics Association Meeting, San Francisco, June, 2003.
21. "Initiative for Maternal Mortality Programme Assessment (IMMPACT)." Presentation at the INCLEN XVIII Annual Meeting, Sharm El Sheik, Egypt, 12 February 2002.
22. "Reviewing Company Submissions." Presentation with Luke Vale at the InterTASC Methods Workshop on Economic Analysis. Sponsored by the National Coordinating Centre for Health Technology Assessment and the National Institute for Clinical Excellence. London, 7 November 2001.
23. "Increasing Longevity, Declining Disability and Future Health Care Expenditures." Presentation with Edward Norton at the International Health Economics Association Third International Conference, York, England, July 25, 2001.
24. "Accounting for Survival in Longitudinal Analyses of Health Care Expenditures." Paper presented at the Health Economics Study Group, Keeble College, Oxford, England, January 4, 2001.
25. "Adverse Selection and Disenrollment from Risk Pools." Paper presented at the Seventh Annual Health Economics Conference, June 25, 1996, Boston, MA.
26. "Patterns of Cost and Effects of Case Management for Persons with Chronic Diseases." Paper presented at the International Health Economics Association Inaugural Conference, May 21, 1996, Vancouver, BC.
27. "Predictors of Hospital Use by the Elderly: A Longitudinal Analysis." Paper for presentation at the 1995 International Conference on Health Policy Research: Methodologic Issues in Health Services and Outcome Research. December 2-3, 1995, Massachusetts General Hospital and Harvard Medical School, Boston, MA.

28. "Does High Cost Case Management Reduce Costs?" Paper presented at the Association for Public Policy and Management Meetings, November 3, 1995, Washington, DC.
29. "State Risk Pools: A Viable Option for Some Populations?" Paper presented at Association for Health Services Research 12th Annual Meeting, June 4-6, 1995, Chicago, IL.
30. "Physician Response to Medicare Payment Reductions: Impacts on the Public and Private Sectors." Paper presented at the Health Economics Research Organization Meetings, January 1995, Washington, D.C.
31. "High Cost Users and Disenrollment from State Risk Pools." Paper presented at the American Public Health Association Meetings, October 31, 1994, Washington, DC.
32. "Premium Increases and Disenrollment from State Risk Pools." Paper presented at the Association for Public Policy and Management Meetings, October 27, 1994, Chicago, IL.
33. "State Risk Pools and Mental Health Care Use." Paper presented at the Seventh Biennial Research Conference on the Economics of Mental Health, September 19-20, 1994, Bethesda, MD.
34. "Functional Status and Hospital Use by the Terminally Ill." Poster presented at the AHSR/FHSR Ninth Annual Meeting, Chicago, Illinois, June 1992.
35. "Functional Status and Hospital Use at the End of Life," Paper presented at the APHA Meetings, Atlanta, Georgia, November 1991.
36. "Health Economics Workshop." Two-day workshop on cost-effectiveness analysis organized with Henry Glick, CS Ghosh and KR John for the INDIACLEN 2nd Annual Meeting, September 21-24, 1991 Lucknow, India.
37. "An Exploratory Analysis of Disenrollment Patterns under the TEFRA HMO/CMP Program." Paper presented at the Eleventh Annual APPAM Research Conference, Arlington, VA, November, 1989.
38. "Hospital Discharge Decisions and Patient Outcome: The Effect of the Nursing Home Bed Supply." Paper presented at the Health Economics Research Organization Meetings, New York, NY, December 1988.
39. "The Choice of Price Under DRG Hospital Reimbursement: Effects on Length of Stay and Health Outcome." Paper presented at the Association for Public Policy Analysis and Management Meetings, Seattle, WA, October, 1988.

Book Reviews:

1. Stearns SC. "Book Review of Health Economics: Efficiency, Quality, and Equity by Steven Eastaugh." *Inquiry*, 30(3):334-335, Fall 1993.
2. Stearns SC. "Book Review of 'The Economics of Health and Medical Care by Philip Jacobs.'" *The Journal of Health Administration Education*, 10(2):349-350, Spring 1992.

Monographs and Reports:

- Park, J, SC Stearns. "Effects of Minimum Staffing Standards on Financial Performance in Free-standing Medicare-certified Skilled Nursing Facilities." 2010.
- Stearns, SC and ML Murphy. "Measuring and Increasing the Value of Investment from Wellness Programs: A Technical Assistance Manual for the Business Case for Wellness." Report prepared for The Conference Board, March 2009.
- Keyes, EB, SC Stearns, SI Bangdiwala, EMH Mitchell, L Adesse. "Does In-service Clinical Training in Postabortion Care Increase the Delivery of Manual Vacuum Aspiration? A Longitudinal Analysis of Method-mix Using Brazilian Inpatient Procedure Data." July 2007.
- White, J, SC Stearns, G Angeles. "Early Effects of Poverty Reduction Strategies on Health Spending and Service Delivery." October 2007.
- Patterson, ME, and SC Stearns. "The Effect of Influenza Vaccination on Acute Myocardial Infarction or Death in Diabetic Fee-For-Service Medicare Beneficiaries." June, 2006.
- Stearns SC, RT Slifkin and T Walke. "Using the MCBS for Analysis of Rural Health Policy Issues." November 1997.
- Pathman D, S DesHarnais, M Brasure, SC Stearns, R Simpson and Rice. "Medical Appropriateness of Cardiac Pacemaker Insertions for A-V Block." November 1996.
- Slifkin RT, SC Stearns and M Danis. "Physician Practice Style, Attitudes, and Resource Use at the End of Life." November 1996.
- Vargas-Vorackova F, GH DeFriese, AT Evans, GG Koch, RS Sandler, SC Stearns and TS Carey. "Appropriateness of Care Criteria in the U.S. and Mexico: The Case of Diagnostic Upper Gastrointestinal Endoscopy." Manuscript, April 1996.
- Rice T, SC Stearns, S DesHarnais, D Pathman, M Brasure and M Tai-Seale. "Physician Response to Medicare Payment Reductions: Impacts on the Public and Private Sectors." Attachment to Final Report, Robert Wood Johnson Grant No. 20038, September 1994.
- Stearns SC, T Mroz and N Glick. "An Analysis of Disenrollment From State Risk Pools." Report completed under The Evaluation of State Risk Pools: The Current and Potential Experience for the Robert Wood Johnson Foundation, May 1994.

Slifkin RT, JD Pitcher and SC Stearns. "Selected Risk Pools: Their Characteristics and Representativeness." Report completed under The Evaluation of State Risk Pools: The Current and Potential Experience for the Robert Wood Johnson Foundation, November 1993.

Stearns SC, R Slifkin, M Danis and E Mutran. "The Cost Pilot Project: Preferences for Life-Sustaining Treatments and Medical Care Costs of Severely Ill Patients." Draft paper, May 1992.

Stearns S, J Schore, T Grannemann and S Stephens. "Final Report for the Design of the Medicare Alzheimer's Disease Demonstration and Evaluation." Submitted to the Health Care Financing Administration. Princeton, NJ: Mathematica Policy Research, June 1989.

Brown R, J Bergeron, B Brown, D Gurnick, G Hill, K Langwell, S Nelson, B Phillips, S Retchin, L Rossiter and S Stearns. "The Research Design for the Evaluation of the TEFRA HMO/CMP Program." Submitted to the Health Care Financing Administration. Princeton, NJ: Mathematica Policy Research, March 1989.

Langwell K, S Stearns, S Nelson, J Bergeron, L Schopler and R Donahey. "Disenrollment Experience in the TEFRA HMO/CMP Program, 1985 to 1988: Final Report." Report submitted to the Health Care Financing Administration. Princeton, NJ: Mathematica Policy Research, May 19, 1989.

Stearns S and J Schore. "Strategy Paper for the Implementation of the Medicare Alzheimer's Disease Demonstration and Evaluation." Report submitted to the Health Care Financing Administration. Princeton, NJ: Mathematica Policy Research, June 21, 1989.

Grannemann T, J Schore, S Stephens, S Stearns, J Ohls and J Christianson. "Design of the Medicare Alzheimer's Disease Demonstration." Report submitted to the Health Care Financing Administration. Princeton, NJ: Mathematica Policy Research, December 1988.

Stearns S, J Mattei and R Donahey. "Potential Effects of the Pennsylvania LAMP Program on Inappropriate Nursing Home Residence: Analyses of Case Mix Severity and Service Utilization." Report submitted to the Pennsylvania Department of Aging. Princeton, NJ: Mathematica Policy Research, June 1988.

Stearns S. "Price Variation Under DRG Hospital Reimbursement: The Effects on Service Choice and Health Outcome." Ph.D. dissertation, University of Wisconsin, 1987.

Birnbaum H, R Kronick, V Mor, S Sherwood, S Stearns, R Schwartz and S Kasten. "Pathways to Skilled Nursing Care: Evaluation of the Three-Day Hospital Stay Requirement for Medicare SNF Reimbursement." Report to HCFA. Cambridge, MA: Abt Associates, Inc., Sept 1981.

Teaching Since 2013:

Semester	Courses taught in last three years	Students
Spring 2013	HPM 781 Seminar on Comparative Effectiveness Research	12

Fall 2013	HPM 754 US Health Politics & Policy (with Sue Havala-Hobbs)	68
Fall 2013	HPM 994 Dissertation Proposal Development (with Joseph Morrissey)	11
Spring 2014	HPM 781 Seminar in Comparative Effectiveness Research	7
Fall 2014	HPM 994 Dissertation Proposal Development (with Joseph Morrissey)	11
Spring 2015	HPM 781 Seminar in Comparative Effectiveness Research	8
Fall 2015	HPM 994 Dissertation Proposal Development	15
Spring 2016	HPM 771 Introduction to Regression for Health Services Research	13
Fall 2016	HPM 994 Dissertation Proposal Development	15
Spring 2017	HPM 771 Introduction to Regression for Health Services Research	20
Summer 2017	HPM 748 Health Economics	32
Fall 2017	HPM 994 Dissertation Proposal Development	15
Spring 2018	HPM 771 Introduction to Regression for Health Services Research	14
Spring 2018	HPM 874 Advanced Research Seminar in Health Policy & Management	26
Fall 2018	HPM 994 Dissertation Proposal Development	14
Fall 2019	HPM 994 Dissertation Proposal Development	12
Fall 2020	HPM 994 Dissertation Proposal Development	10
Fall 2021	HPM 994 Dissertation Proposal Development	11
Fall 2022	HPM 994 Dissertation Proposal Development	9
Spring 2023	HPM 993 Analysis of Categorical Data	13
Fall 2024	HPM 994 Dissertation Proposal Development	8
Spring 2024	HPM 874 Advanced Research Seminar in Health Policy & Management	13

Doctoral Students Supervised (Chair):

Doctoral Students Supervised (Chair)	Year Completed	Title of Dissertation
Jill Akiyama	Current	Medicare Transitional and Chronic Care Management Codes: Practice-Level Use and Effects on Patient Utilization, 2012-2018
Kate Miller	2021	Support for Caregivers for Veterans
Bryстана Kaufman	2018	Impact of Medicare accountable care organizations on stroke outcomes
Sam Savitz	2018	Health Literacy and Medical Decision Making for Stable Angina
Ye (Julia) Zhu	2018	SES and Readmissions Following Hospitalization
Laura D'Arcy	2011	The Effect of Geriatrician Care on Health Care Use
Elizabeth Ku	2011	The Effect of Caring for Grandchildren on the Health Status of Elders in Taiwan
I-Heng Lee	2010	Three Essays on HIV/AIDS Related Issues in Southern Africa (defended 2010)
Suja Rajan	2009	Effects of Preventive Treatment for Neutropenia Among Medicare Cancer Patients
Scott Stewart	2009	Health and Economic Outcomes for Orphans in Africa
Jeongyoung Park	2007	The Effect of Nursing Home Staffing on Quality of Care and Patient Outcomes
France Priez Weaver	2005	The Effect of Increasing Longevity on Long-Term Care Use
Kristy Gonzales	2005	The Effect of Health Insurance on Health Care Use and Health Outcomes in Mexico
Deokhee Yi	2005	Effect of Health on Changing Labor Outcomes in Transition China
Antonio Trujillo	2000	Selection by Health Status and Medical Care Use in a Social Health Insurance with an Equalization Fund: The Columbian Case
Michelle Mello	1999	Market Penetration, Biased Selection, and Utilization in Medicare HMOs
Karen Kmetik	1999	The Effects of Medical Professional Liability on Physician Prices and Services
Michelle Mayer	1997	The Effects of Medicaid Policies on Dentists' Participation
Nancy Berkman	1997	Married Women's Employment Choice and Access to Health Insurance Fringe Benefits
Michelle Brasure	1997	Entry Patterns and Competitive Behavior Among Rural Physicians
Rebecca Slifkin	1994	Physician Variation and the Cost of Care at the End of Life
Kevin Hayes	1993	The Relative Efficiency of Hospital-based and Freestanding Home Health Agencies in Texas
Donna Rabiner	1993	The Effect of Formal In-Home Care on Satisfaction and Subsequent Nursing Home Utilization

Note: Served as chair during proposal development phase for Jeff Federspiel, Kim Geissler, Michelle Ma, Yuan You, Will Bayliss.

Two periods where I avoided doctoral chair involvement so as not to disadvantage students:

8/2000 – 7/2002 (on leave in Aberdeen, Scotland)

10/2011 – 12/2012; 5/2018 – 9/2021 (Health and Aging Policy Fellow and Senior Advisor at ASPE, Washington, DC)

CONTRACTS AND GRANTS

UNC Research Grants (Current, with funding source indicated):

Coronary Revascularization in Medicare Fee-for-Service Beneficiaries (9/1/2017 – 8/31/2018)

This study will describe trends in coronary revascularization procedures and subsequent use of short and long term care in nursing home facilities following revascularization. (North Carolina Translational & Clinical Sciences Institute (NCTraCS) Role: PI)

Daily Mouth Care to Prevent Pneumonia in Nursing Homes: A Systems-Level Approach

(07/01/2013-06/30/2018) This project will examine the effects of a system-level, comprehensive mouth care program on pneumonia incidence in nursing home residents. (AHRQ R01HS22298. Role: Co-Investigator. Sheryl Zimmerman is PI.)

Optimizing the Management of Patients Presenting to the Emergency Department with Atrial

Fibrillation: A New Treatment Paradigm (9/1/2017-8/31/2020) This project will further innovate a care model, launched in 2015, that reduced hospitalizations for patients with atrial fibrillation (Afib) presenting in the emergency room by more than 30 percentage points in its first year. (Bristol-Myers Squibb Foundation. Role: Co-Investigator. Anil Gehi is PI.)

UNC Student Dissertation Research Grants Supervised (Completed):

Kim Geissler: AHRQ 1-R36-HS021074-01 *Changes in Health Care Access and Utilization in the US-Mexico Border Region*

Jeff Federspiel: NHLBI 5-F30-HL110483-02 *Impacts of Cost Sharing and Echocardiography on Outpatient Care of Heart Failure*

UNC Research Grants (Completed):

Sociopolitical Policies That Reduce Disparities in Children's Oral Health (09/18/2015 –

08/31/2017) The objective of this study is to determine whether fluoridated drinking water reduces race- and income-related disparities in dental caries among children. (NIH/NIDCR 1UH2DE025494-01 Role: Co-Investigator; Gary Slade is PI)

Cardiovascular Outcomes Research Center (CORC) for the Atherosclerosis Risk in Communities

(ARIC) Study (11/2010-11/2016) The CORC will examine the comparative effectiveness of treatments related to cardiovascular disease outcomes for participants in the cohort and surveillance samples of the ARIC Study. (NHLBI HHSN268201100012C. Role: PI. \$378,714)

Proposal to Implement a Model of Post-Emergency Department Care to Reduce ED/Hospital Readmissions for the Elderly. (01/01/2013 – 12/31/2015) Conduct economic analyses for randomized controlled trial of telephone and visit follow-up for ED patients to reduce

readmission. (Duke Endowment 6366 SP. Role: Co-Investigator. \$445,512 Steven Kizer is PI)

Inter-Agency Personnel Agreement (2/01/2013-9/30/2014) Office of the Assistant Secretary for Planning and Evaluation, Department of Health and Human Services, Washington, DC. Work as a senior analyst on issues pertaining to the Affordable Care Act. (Role: PI \$33,809)

Examination of Oral Health Literacy in Public Health Practice (7/2007-6/2012) This grant will analyze the relationship between health literacy of participants in WIC programs and Medicaid dental and medical service utilization. (NIDCR RO1DE018045. Role: Co-investigator. Jessica Lee was PI. \$1,794,032)

Trauma Center Brief Alcohol Treatments and Cost Effectiveness (2006-2011) The study will assess the cost-effectiveness of two distinct Brief Interventions for trauma patients with alcohol disorders in reducing alcohol use and harmful behavior when compared to standard care. (NIH/NIDA R01 AA015067. Role: PI on a subcontract to LUMC Carol Schermer at Loyola University Medical Center was the main grant PI. \$24,236)

Acute Coronary Syndrome Outcomes for Medicare Patients (9/2007-6/2011) This project uses national Medicare hospital and physician claims to examine outcomes from the use of mechanical myocardial revascularization over the study period (2003-2007) in Medicare patients presenting with ACS. (NIA R01 AG025801. Role: PI. \$646,719)

Intensive Behavioral Weight Management in Public Health Settings (2007-2010) This translational research project will use a randomized design to investigate the effectiveness and cost-effectiveness of intervention for weight management. (CDC 1R18DP001144. Role: Co-investigator. Carmen Samuel-Hodge is PI. \$1,263,357)

Do Stable Nursing Home Staff Improve Resident Outcomes? (1/2008-6/2009) This project uses the 2004 National Nursing Home Survey to analyze whether facility turnover is associated with resident outcomes. (NIA 5-P30-AG024376-0103 through the Demography and Economics of Aging Research. Role: PI for small grant. \$23,075)

The Role of Medicare Part D in the Treatment of Serious Mental Illness (10/2007-9/2009) This grant uses North Carolina Medicaid claims and enrollment data from two years before the implementation of Medicare Part D to the first two years afterwards (2004 – 2008) to provide timely evidence on the impact that Medicare Part D has had on dual eligible recipients with SMI. (NARSAD. Role: Co-investigator. Marisa Domino is PI. \$99,255)

The Wellness Advantage: Refining and Evaluating a Key Strategic Asset (6/2008 – 5/2009) This project involves being the researcher for a Research Working Group conducted by The Conference Board to evaluate the utility and impact of current wellness efforts. (The Conference Board, New York. Role: PI \$20,000)

Understanding the Direct and Indirect Costs of Quality Measurement Data Collection and

Reporting in Primary Care Practice (9/2007-10/2008) This project will evaluate the costs, both direct and indirect, to primary care practices of collecting and reporting quality measures to external organizations. (AHRQ; Role: Co-investigator. Philip Sloane is PI \$299,981)

Referrals for Dental Care from a Medical Office-Based Preventive Dental Program (2/2006-

2/2008) This project evaluates the effect of a physician-office based program implemented state-wide in North Carolina to prevent early childhood caries on referral rates to practicing dentists. (NIH/NIDCR R03 DE017350-01. Role: PI. \$141,766)

Assessing the Cost-effectiveness of Periodontal Therapy During Pregnancy on Birth Outcomes

(2006) This project simulates the cost-effectiveness of periodontal therapy for women with periodontal disease in reducing adverse pregnancy outcomes based on existing literature, and conducts a preliminary assessment of Medicaid claims data to determine the rate of diagnosis of untreated periodontal disease among pregnant women in North Carolina Medicaid in 2005. (Funded by the RTI-UNC Center of Excellence in Health Promotion Economics; Rocio Quinonez and Sally Stearns, co-PIs, \$24,923)

Intercity Asthma Study, Cost-Effectiveness Component (2004)

This project used data from the Intercity Asthma Study to estimate the cost-effectiveness of home-based environmental interventions to reduce asthma exacerbations in low-income households. (Funded by the National Institute of Allergy and Infectious Diseases. Sally Stearns, PI of subcontract to main study. \$6,544)

Prevention of Early Childhood Caries in Medical Practice (2001-2006)

Co-investigator on a project to evaluate an intervention to prevent early childhood caries in children of low-income families in ten counties in North Carolina. Funded by the Public Health Service, Department of Health and Human Services. (5-R01-DE13949-0, Gary Rozier, PI)

Medicare Payment Advisory Commission (MedPAC) Task Order Contract (2003-2006)

Co-principal project manager on task order contract to conduct studies requested by MedPAC. Funded by MedPAC. (RFP 02-03-MedPAC, Kathleen Dalton PI). Currently funded under Task Order #6, which assesses differences in referral patterns and outcomes for Medicare patients in hospital-based versus freestanding skilled nursing facilities. (MedPAC; Sally Stearns, PI, \$60,000)

The Effect of Increasing Longevity on Long-Term Care Use (2003)

The goal of the present research is to explore further how the increased life expectancy in total and by gender may indeed change the *per capita* demand for long-term care. (Demography and Economics of Aging Research (DEAR) program at UNC, NIA P30 AG024376; Sally Stearns, PI, \$17,196)

Medicare Expenditures and Longevity (2000-2003)

Co-investigator on a project to use the Medicare Current Beneficiary Survey to explore the relationship between increasing longevity

and Medicare expenditures accounting for changing trends in disability status. (NIH/NIA R01-AG16600, Edward Norton PI).

Collaborative Studies of Long Term Care (1996-2000). Economist on a project to evaluate residential care settings as alternatives to nursing home care. (NIH/NIA; Sheryl Zimmerman and Philip Sloane, co-PIs)

Health Communication in Cancer Control (1999-2000). Economist on a project to create and evaluate innovative health communication interventions focused at colorectal cancer prevention in a population-based sample of North Carolina residents. (National Cancer Institute; Marcia Campbell, PI)

North Carolina Rural Health Research and Policy Analysis Center (1996-1998) Project conducted within the center using the Medicare Current Beneficiary Survey to look at access to care for rural Medicare beneficiaries. (Sally Stearns, PI)

Impact of Dental Sealant Technology on Medicaid Programs (1992 to 1996). Economist on a project to investigate changes in treatment and expenditures for dental services in the North Carolina Medicaid program associated with the introduction of a dental sealant benefit. (Agency for Health Care Policy and Research; Gary Rozier, PI)

National Follow-up Study of Self-Care Among Older Adults (1993-1995). Health economist on a longitudinal study of the effects of health care practices on health status and health care use and cost. (NIH/NIA and the Health Resources and Services Administration, under Cooperative Agreement A07929-02; Gordon DeFrieze, PI)

North Carolina Early Cancer Detection Program (1991-1995). Health economist on PRESCRIBE, which was a four year randomized trial to improve cancer detection activities in rural primary care practices in North Carolina. (National Cancer Institute; Russ Harris, PI)

Physician Response to Medicare Payment Reductions: Impacts on the Public and Private Sectors (1992 to 1994). Co-investigator on a project to determine how physicians react to reductions in the payment rates they receive from the Medicare program. (Robert Wood Johnson Foundation; Thomas Rice, PI)

Evaluation of State Risk Pools: The Current and Potential Experience (1991 to 1994). Principal investigator on a project to evaluate the performance and potential role of state health insurance risk pools. (Robert Wood Johnson Foundation; Sally Stearns, PI)

An Evaluation of Testing and Counseling for CF Carriers (1991 to 1994). Investigator on a project to compare the effectiveness and cost-effectiveness of two cystic fibrosis carrier screening arrangements. (National Center for Human Genome Research; James Sorenson, PI)

Healthy Kids Project (HKP) (1991-1994). Health economist on a randomized trial to increase utilization of Medicaid's Early and Periodic Screening, Diagnosis and Treatment Program. (Agency for Health Care Policy and Research; Myra Selby-Harrington, PI)

The Use of Hospital Services in Later Stages of Life (1991-1993). Principal investigator on a project to evaluate hospital use with data from the Longitudinal Study of Aging, Version 4. (Milbank Memorial Fund; Sally Stearns, PI)

The Cost Pilot Project: Preferences for Life-Sustaining Treatments and Service Costs at the End of Life (1991-1992). Principal investigator on a pilot project to look at the use of services for a sub-sample of patients who are participating in a study entitled "Making Choices and Allocating Resources Near Life's End." (Biomedical Research Support Grant; Sally Stearns, PI)

Participation in Training Grants at UNC-Chapel Hill

Member of Training Faculty for Carolina Program in Healthcare and Aging Research (2001-2006) NRSA Institutional Training Grant for predoctoral and postdoctoral training. Funded by the National Institute on Aging.

International Clinical Epidemiology Network (INCLIN) (1989-1993). Clinical Economics faculty member in INCLIN Program to establish Clinical Epidemiology Research Training Centers in developing countries. Responsibilities included teaching cost-effectiveness analysis to visiting fellows and helping fellows to develop research protocols. Funded by the Rockefeller Foundation.

Health Economics Research Unit, University of Aberdeen:

Initiative for Maternal Mortality Programme Assessment (IMMPACT). (2001- 2002) Health economist during the IMMPACT project development phase. The goals of IMMPACT are threefold: (1) to enhance methods and tools for measuring outcomes relevant to safe motherhood and for attributing change; (2) to provide new evidence on effective and cost-effective strategies for reducing maternal mortality and severe morbidity; and (3) to strengthen capacity in developing countries for evidence-based decision-making for safe motherhood and for rigorous outcome evaluation. Funding: Bill & Melinda Gates Foundation, United Nations Population Fund (UNFPA) and the World Health Organization.

Contract to Undertake Technology Assessment Reviews (TARs). (2001-2002) Senior health economist on four TARs per year on behalf of the NHS Research and Development Directorate. The TARs will contribute to the body of evidence available to the National Institute for Clinical Excellence (NICE). Commissioning and monitoring of the reviews will be conducted by the National Co-ordinating Centre for Health Technology Assessment (NCCHTA). Funded by UK Department of Health

Demand for and Utilisation of Personal Care Services for the Elderly. (2001) Principal investigator on an analysis of secondary data sources to explore anticipated demand for personal care by disabled people and the likely substitution effects arising from the introduction of free personal care in Scotland. Funded by Scottish Executive Central Research Unit.

A randomised evaluation of an intervention to improve implementation of a clinical guideline on women requesting induced abortion. (2000-2002) Health economist on a randomised trial to assess the cost-effectiveness of an intervention delivered within a national clinical effectiveness programme to support the implementation of an evidence-based guideline on induced abortion by changing provider behavior to be consistent with the guideline. Funded by Chief Scientist Office, Scottish Executive Health Department.

Mathematica Policy Research, Inc.:

Design for Medicare Alzheimer's Disease Demonstration (1987-1989). Directed several tasks on a project for the Health Care Financing Administration (HCFA) to design a congressionally mandated demonstration of programs to provide comprehensive services to patients with Alzheimer's disease and/or related disorders.

Evaluation of the TEFRA HMO/CMP Program (1989). Analyzed disenrollment behavior as part of a project sponsored by HCFA to evaluate the operation and impacts of Medicare's HMO program.

Design and Implementation of a Medicare Physician Preferred Provider Organization Demonstration (1988-1989). Developed waiver cost estimates for PPOs selected for the Medicare Physician PPO demonstration.

Evaluation of Pennsylvania's Long Term Care Assessment and Management Program (LAMP) (1988). Analyzed whether LAMP affected extent of inappropriate residence in nursing homes.

Center for Health Sciences, University of Wisconsin:

Research Assistant, UCARE Evaluation (1984-1985). Coordinated data requests and conducted analyses of the effect of patient HMO enrollment status on physician practice patterns using medical utilization data for a set of physicians and patients before and after HMO enrollment.

Abt Associates, Inc.:

Elimination of the Three Day Hospital Stay Requirement for Medicare Skilled Nursing Facility Reimbursement (1979-1981). Responsible for process analyses, database management, and impact analyses on an evaluation of the waiver of SNF reimbursement criteria.

National Hospice Study (1980-1982). Developed a log diary data collection system and trained and monitored data collectors for an evaluation of the impact of Medicare funding for potential nursing home population.

Evaluation of the New York State Long Term Home Health Care Program (1981-1982).

Coordinated data from different sources (Medicare, Medicaid, interview, assessment, and other) for a study of expanded Medicaid benefits for potential nursing home population.

PROFESSIONAL SERVICE

Department:

Past committee appointments: Annual HPM Awards Committee Chair, 2002-2017; PhD Advisory Committee; Executive Committee; Master's Admissions Committee; Master's Advisory Committee, Ad Hoc Policy Course Committee Chair.

School:

MPH, MHA and MSPH Admissions Committees, 2021-current.

SPH Awards Committee, 2013- 2017

Academic Programs Committee, HPM Department Representative, 2013-2016

Member, Creating an Agenda for the 21st Century Task Force, Committee on "Strengthening the School as a Whole" 1998

School of Public Health Awards Committee (1995-1998)

University:

Faculty Council Representative for Gillings, 2017-2018

Faculty Council Rep on University Transportation Committee, 2018-2019

Faculty Council Member, Gillings School of Public Health Representative, 2009-2011

Faculty Council Agenda Committee, 2009-2011

Steering Committee for the Institute for Research in Social Science, 1998-1999

Search Committee for a New Director of the Institute for Research in Social Science, 1999

Program Review of Institute for Research in Social Science (Organized by Tom Meyer in the Office of the Vice Provost for Graduate Studies and Research.), 1998

Journal Participation:

Editor-in-Chief, *Health Economics*, 2020-current
Editor, *Health Economics*, 2016-2020.
Associate Editor, *Health Economics*, 2003-2016.

Editorial Board, *Medical Care Research and Review*, August 2002-present.

Deputy Editor, *Medical Care*, February 1998-August 2002.

Editorial Board, *Journal of Health and Population in Developing Countries*, 2003-2005.

Reviewer for *Inquiry*, *Health Services Research*, *Journal of Health Economics*, *Health Economics*, *Journal of the American Medical Association*, *Social Science in Medicine*, *Value in Health*, *Medicare and Medicaid Research and Review*, and occasional requests from other many other journals by individual request

National Committee and Review Board Participation:

National Committees

Medicare Evidence Development & Coverage Advisory Committee (MEDCAC), Centers for Medicare & Medicaid Services, Washington, DC. Initial appointment: June 2022-May 2024.

Study Section/Review Activities

Agency for Healthcare Research and Quality (AHRQ) Healthcare Effectiveness and Outcomes Research (HEOR) [Formerly Healthcare Quality and Effectiveness Research (HCQER)] Study Section (October 1, 2010 through June 2016; October 2018-June 2023)

Patient-Centered Outcomes Research Institute (PCORI) “Merit Reviewer” for the Palliative Care Delivery Program (November 2016 – December 2017)

NIH/NIA Special Emphasis Panel (P01 Review and Re-submission Review: Changing Long Term Care in America), National Institute on Aging, National Institutes of Health. July 2012 and May 2013.

Agency for Healthcare Research and Quality, Special Emphasis Panel (RFA-HS-10-002 Transforming Primary Care Practice [R18]), March 2010

NIH/NIA Review Panel for “Evaluating Mechanisms to Slow Health Care Spending Growth.” July 1, 2009 and May 5, 2010

AHCPR Health Systems Research Study Section Member, Oct 1999-Sept 2000, Oct 2003

AHCPR Reserve Reviewer, October 1998-October 1999

AcademyHealth Committee Activities

LTC Abstract Review Committee, AcademyHealth, Spring 2013.

Member, Annual Research Meeting Planning Committee, Comparative Effectiveness Session Planning, July 2009-June 2010

Chair, Long Term Care Interest Group Advisory Committee, June 2007-July 2009

Member, Annual Research Meeting Planning Committee, Long Term Care Session Planning, July 2005-June 2006

Other Committee Activities (Solicited Member)

Home Health Technical Expert Panel, Bethesda, MD Organized by Abt Associates, Inc. under CMS Contract. Meeting dates: January 8, 2015 and February 1, 2018.

Scientific Committee, International Health Economics Association, 2017-2019.

Invited Participant, AARP Public Policy Institute Innovation Roundtable: Family Caregivers Providing Complex Chronic Care Across Settings, June 4, 2013 at the AARP National Office, Washington, DC.

Scientific Committee, International Health Economics Association, 2011.

Scientific Committee, American Society of Health Economists, 2008 (Duke), 2010 (Cornell).

Scientific Committee, International Health Economics Association, 2003-2005.

Technical Advisory Group, Health Promotion and Aging: A Blueprint for the 21st Century. (Group organized by the Office of Disability, Aging and Long-Term Care Policy, USDHHS.) November 2002-June 2003.

Scottish Intercollegiate Guidelines Network Group on Diagnosis and Treatment of Epithelial Ovarian and Peritoneal Cancer, March 2001 – July 2002.

Economic Advisory Sub-committee to Care Development Group, Edinburgh, Scotland, March to August 2001.

Steering Committee for the Institute for Research in Social Science, 1998

Creating an Agenda for the 21st Century Task Force, Committee on “Strengthening the School as a Whole”, 1998

North Carolina Health Planning Commission's Advisory Committee on Cost Containment Measures (Appointed in May 1994; Served through Fall 1995)

Cost Containment Measures Advisory Committee, North Carolina Health Planning Commission, 1994

Other:

Operation Crossroads Africa Volunteer, Sudan, June-August, 1982