

Curriculum Vitae

Beth A. Virnig, Ph.D., M.P.H.
Dean and Robert G. Frank Endowed Professor
University of Florida
College of Public Health and Health Professions

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AREAS OF EXPERTISE:

Public Health
Epidemiology
Health Disparities
Health Care Data Management and Analysis

ACADEMIC POSITION/RANK

Dean and Robert G. Frank Endowed Professor, College of Public Health and Health Professions, University of Florida, Gainesville, FL	2022-present
Professor, University of Minnesota School of Public Health, Minneapolis, MN Division of Health Policy and Management,	2009-2022
Associate Professor, Division of Health Policy and Management University of Minnesota School of Public Health, Minneapolis, MN	2004-2009
Assistant Professor, Division of Health Services Research and Policy University of Minnesota School of Public Health Minneapolis, MN	1998-2004
Assistant Professor (research), University of Miami, Miami, FL Primary Appointment: Department of Family Medicine and Community Health Secondary Appointment: Psychiatry and Behavioral Health Affiliation: Center for Health Policy and Research	1994-1998

Research Associate and Instructor, Department of Family Medicine & Community Health, Dartmouth Medical School, Center for Evaluative Clinical Sciences, Hanover, NH 1993-1994

POSITIONS/EXPERIENCE

Dean and Robert G. Frank Endowed Professor,
College of Public Health and Health Professions,
University of Florida, Gainesville, FL 2022-present

Director and Lead, SPH Strategic Global Public Health Programming
University of Minnesota School of Public Health, Minneapolis, MN 2021-2022

Senior Associate Dean for Academic Affairs and Research
University of Minnesota School of Public Health, Minneapolis, MN 2013-2020

Associate Dean for Research
University of Minnesota School of Public Health, Minneapolis, MN 2011-2013

Chair, Public Health Administration and Policy Major
University of Minnesota School of Public Health, 2008-2011

Co-director, Cancer Outcomes and Survivorship Program
University of Minnesota, Masonic Cancer Center, 2008-2011

Member, Executive Committee
University of Minnesota, Masonic Cancer Center 2008-2011

Member: University of Minnesota Cancer Center 1998-2022

Research Health Scientist, Miami Veterans Administration Center for Health Services Research and Development, Miami, FL 1995-1998

EDUCATION

University of Minnesota, Minneapolis, MN 1993
Ph.D. in Epidemiology

University of Minnesota School of Public Health, Minneapolis, MN 1989
M.P.H. in Epidemiology

Carleton College, Northfield, MN 1987
B.A. in Psychology

CONTINUING EDUCATION

Executive Education in Academic Medicine (ELAM), Drexel University 2016

Advancement Resources, “The Art and Science of Donor Development” 2015

2 day course

HONORS, PROFESSIONAL AND HONORARY ORGANIZATIONS

Association of Schools and Programs of Public Health (ASPPH), Academic Dean’s Council, 2013-2020

Association of Schools and Programs of Public Health (ASPPH), Research Deans council, 2011-2020

Article named one of American Society of Breast Surgeons “Ten best breast cancer papers of the decade (1999-2009)” (Tuttle TM, Habermann EB, Grund E, Morris T, **Virnig BA**. Increasing use of contralateral prophylactic mastectomy for breast cancer patients: A trend toward more aggressive surgical treatment. *Journal of Clinical Oncology*, 25:5203-5209, 2007)

Member; Delta Omega, 2000

Jean Schmidt Award, Carleton College, 1987

Member; Sigma Xi; 1987

RESEARCH, SCHOLARSHIP, AND CREATIVE WORK

Active Research Support:

Virnig (PI),

09/29/15 – 06/30/22

Shippee (PI)

07/01/22 – 09/28/25

Center for Medicare and Medicaid Services

Research Data Assistance Center (ResDAC)

The purpose of the Research Data Assistance Center (ResDAC) is to assist the Centers for Medicare & Medicaid Services (CMS) increase the number of researchers skilled in accessing and using CMS data for studies, which will improve the Medicare and Medicaid programs and add value to current CMS activities. *ROLE: Principal Investigator and Investigator*

Nikpay (PI)

5/15/21 – 4/30/26

National Institute of Health - National Heart, Lung, and Blood Institute

Disruptions in ST-Elevation Myocardial Infarction Transfer Networks and Cardiovascular Health of Rural Americans

The purpose of this project is to estimate the impact disruptions in the transfer networks caused by rural hospital closures and acquisitions over the past decade have had on a patient’s choice

of treatment and mortality of patients with ST-Elevation Myocardial Infarctions due to reduced access to primary percutaneous coronary interventions. *ROLE: Investigator*

Completed Research Support:

HHSA261201200100C, Virnig (PI)

09/20/17 – 06/30/22

National Institutes of Health-National Cancer Institute

Technical Assistance for SEER-Medicare Linked Data

The purpose of this contract is to provide technical support to Investigators interested in using SEER Medicare data for research. *ROLE: Principal Investigator*

Porta (PI)

05/01/20 - 04/30/22

FHI 360/USAID

USAID Advancing Higher Education for Afghanistan's Development (AHEAD)

The purpose of AHEAD is to improve employability of professional Afghan men and women through tertiary education programs and to generate workforce skills based on market-driven needs in Afghanistan. This includes initiatives to improve the academic, administrative, resources and management functions of universities for enhanced support to students and faculty members and university administrations. Tertiary education includes what is commonly understood as academic education but also includes advanced vocational or professional education. This may include public or private universities, colleges, research institutes, training institutes, including teacher training institutes. *ROLE: Investigator (1010436)*

Shippee (PI)

08/15/16 – 04/30/21

National Institute of Minority Health Disparities

System Factors and Racial Disparities in Nursing Home Quality of Life and Care

The primary goal of this project is to develop an intervention for improving QoL for minority nursing home residents nationwide. To build toward that goal, we designed a multi-method study to examine organizational structures and processes of care in NHs with high and low proportions of minorities, and then assess system-level predictors of NH QoL (primary outcome) and QoC (secondary outcomes) in a unique state-level database with more granular measures as well as a nationally-representative database. *Role: Investigator*

HHSA261201200100C, Virnig (PI)

09/20/12 - 09/19/17

National Institutes of Health-National Cancer Institute

Technical Assistance for SEER-Medicare Linked Data

The purpose of this contract is to provide technical support to Investigators interested in using SEER Medicare data for research. *ROLE: Principal Investigator (00031067)*

AID-OAA-A-15-00014, Bender (PI)

11/17/14 - 11/16/19

USAID

Government Led, University Driven, Network Supported: Transforming Workforce Response to Infectious Disease Threats in Global Hotspots

The United States Agency for International Development (USAID) is launching the Emerging Pandemic Threats 2 (EPT 2) program, which builds on the successes of the Agency's programs in disease surveillance, training, and outbreak response. The focus of

the EPT 2 program is to build on the operational platforms, institutional partnerships, and an expanded knowledge base developed over the past decade by USAID's EPT 1 and the Avian Influenza (AI) portfolios to pre-empt or combat, at their source, newly emerging diseases of animal origin that could threaten human health. EPT 2 will directly improve the capacity of more than 20 focus countries in Africa and Asia to prevent, detect, and respond to infectious disease threats, which are key objectives of the Global Health Security Agenda and the International Health Regulations. *Role: Investigator* (00047214)

Gollust (PI)

07/01/14 - 06/30/18

American Cancer Society

Effects of Media Controversies on Public Attitudes about Cancer Prevention

The study aims contribute important evidence about the increasingly challenging issue of cancer communication in a new media landscape frequently characterized by political and scientific controversy. *ROLE: Investigator*

Virnig (PI)

11/18/16 - 012/14/17

MN Department of Health

Estimating Cancer Care Costs by Geography, Demography and Patterns of Care in Insured Minnesotans

The goal of this project is to develop a better understanding of cancer costs and treatment receipt using the Minnesota All Payer Claims Database and to summarize findings in a written report or a set of Issue Briefs to the Department of Health. The objectives are to: 1) to assess the contribution of surgery, radiation therapy and chemotherapy as treatment for common cancers on health care spending in Minnesota overall, and along key geographic and demographic variables and; 2) to conduct more detailed research into costs of cancer-related care by examining patterns of care for specified cancers.

R01 CA149365-01A1, Onega (PI)

09/01/11 - 07/31/16

Dartmouth University/National Institutes of Health (prime)

Effectiveness of Pre-Operative MRI in Breast Cancer Surgery and Outcomes

The project will use a novel linkage of Breast Cancer Surveillance Consortium (BCSC) data with Medicare claims to provide the first large-scale assessment of how preoperative breast MRI influences surgical treatment approaches among breast cancer patients, specifically, mastectomy vs. BCT. *Role: Subaward PI* (00018798)

R01 AG05394, Ensrud (PI)

09/30/96 - 08/31/16

National Institutes of Health-National Institute on Aging

Study of Osteoporotic Fractures (SOF)

The main goal of this study is to use the newly established linkage of SOF data with Medicare claims data and 20 years of continued follow-up of SOF participants to test whether age-related trajectories of cognitive function, physical performance, bone mineral density, body weight and positive affect identify women who have attained the phenotype of optimal aging as defined by longevity, active lifespan, exceptional health span, and lower rates of inpatient and residential health care utilization. *ROLE: Investigator* (00028010/06636231)

U01 AR045614, Ensrud (PI)

04/01/12 - 03/31/17

National Institutes of Health-National Institute on Aging

Osteoporotic Fractures in Men (MrOS)

This proposed study will continue follow-up of the MrOS men, aged 75 years and older, in order to help understand the development of fracture risk and physical dysfunction. In addition, the newly established linkage of MrOS data with Medicare claims data will be utilized to determine the association of trajectories in musculoskeletal phenotypes with inpatient and residential health care utilization. *ROLE: Investigator (00039707)*

HHSM-500-2013-0016C, Virnig (PI)

09/29/14 - 09/28/15

Center for Medicare and Medicaid Services

Research Data Assistance Center (ResDAC)

The purpose of the Research Data Assistance Center (ResDAC) is to assist the Centers for Medicare & Medicaid Services (CMS) increase the number of researchers skilled in accessing and using CMS data for studies, which will improve the Medicare and Medicaid programs and add value to current CMS activities.

RSG-12-217-01–CPHPS, Elliott (PI)

07/01/12 - 06/30/15

American Cancer Society

Understanding the severe urinary adverse effects of pelvic radiotherapy

This grant uses the SEER-Medicare database to better understand the severe urinary adverse effects of pelvic radiation such as urethral stricture, urinary fistula and hemorrhagic cystitis. We will describe their long-term incidence, compare risk factors and illustrate the burden of treatment for these events. *ROLE: Investigator (00033979)*

HHSM-500-2013-0016C, McBean (PI)

09/29/13 - 09/28/14

Center for Medicare and Medicaid Services

Research Data Assistance Center (ResDAC)

The purpose of the Research Data Assistance Center (ResDAC) is to assist the Centers for Medicare & Medicaid Services (CMS) increase the number of researchers skilled in accessing and using CMS data for studies, which will improve the Medicare and Medicaid programs and add value to current CMS activities. *Role: Investigator (00039277)*

R01-CA127648-01A2, Nattinger (PI)

03/01/09 - 01/31/14

Medical College of Wisconsin/National Cancer Institute prime

SES Disparities in Breast Cancer: Effect of Pharmaceutical Coverage

This project will yield important insights into the role of socioeconomic status and Medicare Part D (drug) benefits on breast cancer survival and how the benefits might explain or mediate observed differences in breast cancer survival. *ROLE: Investigator (00004646)*

R01 NR010731-01A2, Bliss (PI)

09/30/09 - 06/30/14

National Institutes of Health-National Institute of Nursing Research

Disparities in Incontinence and Perineal Skin Damage in Nursing Homes

This is a study of race, ethnic, and socioeconomic (SES) disparities as they relate to the development and management of incontinence, perineal dermatitis (PD), pressure ulcers (PUs) and associated quality of life in older nursing home (NH) residents. *Role: Investigator* (00016552)

X1003900/ HHSN268201100002C, Margolis (PI) **10/01/10 - 09/30/14**
 Health Partners Research Foundation/ Ohio State Univ/NHLBI prime
Health Outcomes Research using Women's Health Initiative (WHI)-Medicare Linked Data
 This project will continue the work from the Women's Health Initiative (WHI) Extension 2005-2010, including but not limited to publishing manuscripts using the WHI dataset, engaging other investigators to use the WHI resource, and participating in scientific interest groups. *ROLE: Investigator* (00034008)

2012-70002-19403, Hueston (PI) **04/01/12 - 03/31/14**
 USDA National Institute of Food and Agriculture
Food Policy Research Center
 The primary goal of the FPRC is to better inform policymakers and consumers of the effects and trade-offs associated with local and national food policy including legislation and regulations. *ROLE: Inv* (00030317)

DEcIDE Analytics-II-2 **08/15/12-08/14/13**
 Agency for Healthcare Research and Quality (HHSA290201000013I)
 Role: Principal Investigator

Technical Support for SEER Medicare Data Users **09/15/11-09/14/12**
 NIH-NCI (HHSN261201100385P)
 Role: Principal Investigator

Analytics and Data Points **09/30/10-02/28/12**
 Agency for Healthcare Research and Quality (Task Order 3, HHSA290201000013I)
 Role: Principal Investigator

Comparing the Cost Effectiveness of Chronic Illness Care Between Medicare Advantage and Traditional FFS Medicare Using NCQA Relative Resource Use (RRU) Measures **07/01/08-12/31/10**
 Robert Wood Johnson Foundation (64570)
 Role: Co-Investigator (PI: Knutson)

Short-Term Outcomes and Risk Stratification of Cancer Surgery in the Elderly **07/01/08-06/30/10**
 Veterans of Foreign Wars and Ladies Auxiliary Cancer Research Center Endowment Fund
 Role: Co-investigator (PI: Al-Refaie)

Access to State-of-the-Art Care for Rural and Minority Hospice Users
 American Cancer Society (RSGT-04-004-01-CPHPS) **01/01/04-12/31/09**
 Role: Principal Investigator

Technical Support for SEER-Medicare Data Users **10/01/08-09/30/09**
 NCI (award number pending SPA signature)
 Role: Principal Investigator

Diagnosis and Management of Ductal Carcinoma in Situ (DCIS)
04/15/08-09/22/09
 Agency for Healthcare Research and Quality, (HHSA-290-2007-10064-I T.O. #4)
 Role: Co-Investigator (PI: Kane)

Incidence of epilepsy/seizures and outcomes in nursing homes: A 5-year cohort
 ASPH/CDC (S3822) **06/01/08-05/31/09**
 Role: Co-Investigator (PI: Eberly)

An Epidemiologic Study of Lymph Node Evaluation in Colorectal Cancer Patients
 National Institutes of Health (5R01-CA118105-02) **02/01/06-01/31/09**
 Role: Principal Investigator

Iowa Women's Health Study **03/13/00-01/31/09**
 National Institute of Health, (5 R01 CA039742-24)
 Role: Investigator (PI: Folsom)

ResDAC Data Linkage and Analytic Support **10/01/01-11/30/08**
 Centers for Medicaid and Medicare Services (500-01-0043)
 Role: Co-Investigator and Director of Training (PI: McBean)

Patterns of Cancer Care in the Disabled **01/01/06-06/30/08**
 St. Michael's Hospital/American Society of Clinical Oncology (1381-1)
 Role: Principal Investigator

Preventive Health Care in Elderly Cancer Survivors **09/30/04-08/31/08**
 NIH-NIA (5 R01 AG025079-03)
 Role: Co-Investigator (PI: McBean)

Health Service Use in the Elderly with Cancer **09/15/04-08/31/08**
 NIH-NCI (5 R01 CA098974-03)
 Role: Co-Investigator (PI: McBean)

Does Chemotherapy Cause Dementia in Older Breast Cancer Survivors?
 St. Michael's Hospital/Lance Armstrong Foundation Prime (1) **01/01/06-12/31/07**
 Role: Principal Investigator

- VA Cancer Care Outcomes Research** 08/01/04-09/30/07
VA Medical Center Minneapolis (V618P-4216A)
Role: Investigator (PI: Van Ryn)
- Impact of Medicare's Local Medical Review Policies and National Coverage Policies on Utilization of Services** 11/01/03-10/31/06
Robert Wood Johnson Foundation (049692)
Role: Investigator (Foote)
- Medicare+Choice and Minority Elderly** 09/30/02-08/31/06
Baylor (NIH prime) (4600424376)
Role: Principal Investigator
- The Risk of Pelvic Fracture after Pelvic Irradiation in Elderly** 07/01/04-06/30/06
VFW Surgical Oncology Researcher Award
Role: Co-Investigator (Baxter)
- The Hospital Procedure Volume-Outcome Relationship: The Impact of the Healthy Traveler** 2003-2005
Minnesota Medical Foundation
Role: Co-investigator (PI: Baxter)
- National Study of Hospice in Rural America** 09/01/03-08/31/05
Office of Rural Health Policy/HRSA (4 R04 RH01304-01-02)
Role: Principal Investigator
- Colorectal Cancer Screening Assessment and Surveillance** 07/01/02-12/31/04
VA Research Center-Minneapolis (V618P-3704A)
Role: Principal Investigator
- Local Excision for Rectal Cancer: The Impact of Endorectal Ultrasound**
Varco Award, Department of Surgery, University of Minnesota 12/01/02 – 12/01/03
Role: Investigator (PI: Baxter)
- Medication Use by Residents of Assisted Living Facilities** 10/23/00-4/30/02
Retirement Research Foundation
Role: Investigator (PI: Garrard)
- Comparison of Hospice Care under Fee-for-Service and Managed Care Arrangements** 5/01/98-2/28/01
Commonwealth Fund
Role: Principal Investigator
- Validation of a Spanish Translation of the Folstein Mini-Mental State Exam**
Department of Veterans Affairs Participation--1998-2000
Role: Consultant (PI: Carolee DeVito)

PUBLICATIONS

Editorials

1. Gupta A, Virnig BA, Nipp RD. Opioid Prescriptions and Survival in Pancreatic Cancer. *JCO Oncology Practice*. January 2022. doi: 10.1200/OP.21.00862.
2. Gupta A, Jensen EH, **Virnig BA**, Beg MS. Time-Related Burdens of Cancer Care. *JCO Oncol Pract*. October 2021 Oct 28:OP2100662. doi: 10.1200/OP.21.00662.
3. **Virnig BA**, Nikpay SS. How Will Patients With Cancer Fare During COVID-19? Many Unanswered Questions. *JAMA Oncology*. December 2020.
4. **Virnig BA**, White KM. Reducing Unplanned Readmissions After Colorectal Surgery: The Choice Is the Carrot or the Stick. *Dis Colon Rectum*. 2017 Feb; 60(2):135-136. 2017. doi: 10.1097/DCR.0000000000000753. PMID: 28059908
5. **Virnig BA**, Tuttle TM. Random physician effect and comparative effectiveness of treatment for DCIS. *Journal of the National Cancer Institute*, 103:81-82, 2011.
6. **Virnig BA**. Associating insurance status with cancer stage at diagnosis. *The Lancet Oncology*, 9:189-191, 2008.
7. **Virnig BA**. Toward a better understanding of the role of geography in intensity of end-of-life care: Must we first come to an understanding of end of life care? *Medical Care*, 45(5):374-376, 2007.
8. **Virnig BA**. Institutional care at the end of life. *Medical Care*. 45(10):916-7, 2007.

Books and Monographs

1. National Academies of Sciences, Engineering, and Medicine. 2016. Assessing health outcomes among veterans of project SHAD (Shipboard Hazard and Defense). Washington, DC: *The National Academies Press*.
2. **Virnig BA**, Shamliyan T, Tuttle TM, Kane RL, Wilt TJ. Diagnosis and management of ductal carcinoma in situ (DCIS). Evidence Report/Technology Assessment Number 185, Washington, DC: AHRQ Publication No. 09-E018, September 2009.
3. Ash AS, **Virnig BA**. Medicare data. In P. Armitage and T. Colton (Eds.) *Encyclopedia of Biostatistics*, 2nd Edition, Chichester, UK: Wiley, 2005.
4. **Virnig BA**, Morgan RO, DeVito CA. Ethical issues in geriatric research. In: T. Johnson, (Ed.) *Handbook on Ethical Issues in Aging*, New York, NY: Greenwald, 1999.
5. Caplan AL, Siminoff LA, Arnold RM, **Virnig BA**. Increasing organ and tissue donation: What are the obstacles, what are our options? In A. Novello (Ed.) *Surgeon General's Workshop on Organ Donation*, 1992.

Peer-reviewed Journal Articles

1. Mensah, A. B. B., Mensah, K. B., Aborigo, R. A., Bangalee, V., Oosthuizen, F., Clegg-Lampsey, J. N., **Virnig, B.**, Kulasingam, S., Ncama, B. P. (2022). Breast cancer screening pathways in Ghana: applying an exploratory single case study methodology with cross-case analysis. *Heliyon*, e11413.
2. Mburu W, Kulasingam S, Hodges JS, **Virnig B.** Breast-conserving surgery versus mastectomy for older women with triple-negative breast cancer: population-based study. *Journal of Comparative Effectiveness Research*, 2022 Jun(0).
3. Qin X, Huckfeldt P, Abraham J, Yee D, **Virnig BA.** (2022). Hormonal Therapy Drug Switching, Out-of-Pocket Costs, and Adherence Among Older Women With Breast Cancer. *JNCI: Journal of the National Cancer Institute*.
4. Gupta A, Nshuti L, Grewal US, Sedhom R, Check DK, Parsons HM, Blaes AH, **Virnig BA**, Lustberg MB, Subbiah IM, Nipp RD, Dy SM, Dusetzina SB. Financial Burden of Drugs Prescribed for Cancer-Associated Symptoms. *JCO Oncol Pract*. 2021 Sep 24;OP2100466. doi: 10.1200/OP.21.00466. Online ahead of print. PMID: 34558297
5. Mburu W, Boamah Mensah AB, **Virnig B**, Amuasi JH, Awuah B, Porta CM, Osei-Bonsu E, Kulasingam S. Pathways to Breast Cancer Diagnosis and Treatment Among Women in Ghana: A Qualitative Study. *Womens Health Rep* (New Rochelle). 2021 Jul 16;2(1):234-244. doi: 10.1089/whr.2020.0117. eCollection 2021. PMID: 34318293
6. Longacre CF, Neprash HT, Shippee ND, Tuttle TM, **Virnig BA.** Travel, Treatment Choice, and Survival Among Breast Cancer Patients: A Population-Based Analysis. *Women's Health Reports*, 2021. 2(1), 1-10.
7. Qin X, Huckfeldt P, Abraham J, Yee D, **Virnig BA.** Generic entry of aromatase inhibitors and pharmaceutical access: Initiation of hormonal therapy, timeliness of initiation, and drug choice. *Res Social Adm Pharm*. 2020 Dec 16:S1551-7411(20)31211-0. doi: 10.1016/j.sapharm.2020.12.006. Epub ahead of print. PMID: 33358400.
8. Shippee TP, Ng W, Duan ., Woodhouse M, Akosiounu O, Chu H, Ahluwalia JS, Gaugler JE, **Virnig A**, Bowblis JR. Changes over Time in Racial/Ethnic Differences in Quality of Life for Nursing Home Residents: Patterns within and between facilities. *Journal of Aging and Health*. 2020
9. Duan Y, Shippee T, Ng W, Akosionu O, Woodhouse M, Chu H, Ahluwalia, JS, Gaugler JE, **Virnig BA**, Bowblis JR. Unmet and Unimportant Preferences among Nursing Home Residents: What are Key Resident and Facility Factors? *Journal of the American Medical Directors Association* 2020.
10. Enewold L, Parsons H, Zhao L, Bott D, Rivera DR, Barrett MJ, **Virnig BA**, Warren JL. Updated Overview of the SEER-Medicare Data: Enhanced Content and Applications. *J Natl Cancer Inst Monogr*. 2020 May 1;2020(55):3-13. doi: 10.1093/jncimonographs/lgz029.PMID: 32412076
11. Longacre CF, Neprash HT, Shippee ND, Tuttle TM, **Virnig BA.** Evaluating Travel Distance to Radiation Facilities Among Rural and Urban Breast Cancer Patients in the Medicare Population. *J Rural Health*. 2019 Dec 17. doi: 10.1111/jrh.12413

12. Onega T, Zhu W, Weiss JE, Goodrich M, Tosteson ANA, DeMartini W, **Virnig BA**, Henderson LM, Buist DSM, Wernli KJ, Kerlikowske K, Hubbard RA. Preoperative breast MRI and mortality in older women with breast cancer. *Breast Cancer Res Treat*. 2018 Jul;170(1):149-157. doi: 10.1007/s10549-018-4732-z. Epub 2018 Mar 7. PMID: 29516372
13. Tseng VL, Chlebowski RT, Yu F, Cauley JA, Li W, Thomas F, **Virnig BA**, Coleman AL. Association of Cataract Surgery With Mortality in Older Women: Findings from the Women's Health Initiative. *JAMA Ophthalmol*. 2018 Jan 1;136(1):3-10. doi:10.1001/jamaophthalmol.2017.4512. PubMed PMID: 29075781
14. Schousboe JT, Paudel ML, Taylor BC, Kats AM, **Virnig BA**, Dowd BE, Langsetmo L, Ensrud KE. Pre-fracture individual characteristics associated with high total health care costs after hip fracture. *Osteoporos Int*. 2017 Mar;28(3):889-899. doi: 10.1007/s00198-016-3803-4. PMID: 27743069
15. Li S, Liu J, **Virnig BA**, Collins AJ. Association between adjuvant chemotherapy and risk of acute kidney injury in elderly women diagnosed with early-stage breast cancer. *Breast Cancer Res Treat*. 2017 Feb;161(3):515-524. doi: 10.1007/s10549-016-4074-7. PMID: 27933451
16. Marmor S, Portschiy PR, Burke EE, **Virnig BA**, Tuttle TM. Prognostic Factors for Metachronous Contralateral Breast Cancer: Implications for Management of the Contralateral Breast. *Breast J*. 2017 May;23(3):299-306. doi: 10.1111/tbj.12732. Epub 2016 Dec 18. PubMed PMID: 27988977
17. Ozanne EM, Weiss JE, Onega T, DeMartini W, Kerlikowske K, Buist DS, Henderson L, Hubbard RA, Goodrich M, Tosteson AN, **Virnig BA**, O'Donoghue C. Locoregional treatment of breast cancer in women with and without preoperative magnetic resonance imaging. *Am J Surg*. 2017 Jan;213(1):132-139.e2. doi: 10.1016/j.amjsurg.2016.03.014. PMID: 27421187
18. Enns EA, Reilly CS, **Virnig BA**, Baker K, Vogenthaler N, Henry K. Potential Impact of Integrating HIV Surveillance and Clinic Data on Retention-in-Care Estimates and Re-Engagement Efforts. *AIDS Patient Care STDS*. 2016 Sep;30(9):409-15. doi: 10.1089/apc.2016.0169. PMID: 27610462
19. Bliss DZ, Gurvich OV, Mathiason MA, Eberly LE, Savik K, Harms S, Mueller C, Wyman JF, **Virnig B**. Prevention of Incontinence-Associated Skin Damage in Nursing Homes: Disparities and Predictors. *West J Nurs Res*. 2016 Sep 1. pii: 0193945916666065. [Epub ahead of print] PMID: 27586441
20. Jarosek SL, Shippee TP, **Virnig BA**. Place of Death of Individuals with Terminal Cancer: New Insights from Medicare Hospice Place-of-Service Codes. *J Am Geriatr Soc*. 2016 Sep;64(9):1815-22. doi: 10.1111/jgs.14269. PMID: 27534517
21. Bliss DZ, Gurvich OV, Eberly LE, Savik K, Harms S, Wyman JF, Mueller C, **Virnig B**, Wiltzen K. Racial disparities in primary prevention of incontinence among older adults at nursing home admission. *Neurourol Urodyn*. 2016 Jul 4. doi: 10.1002/nau.23065. [Epub ahead of print] PMID: 27376926
22. Onega T, Weiss JE, Buist DS, Tosteson AN, Henderson LM, Kerlikowske K, Goodrich ME, O'Donoghue C, Wernli KJ, DeMartini WB, **Virnig BA**, Bennette CS, Hubbard RA. Breast MRI in the Diagnostic and Preoperative Workup Among Medicare Beneficiaries With Breast Cancer. *Med Care*. 2016 Jul;54(7):719-24. doi: 10.1097/MLR.0000000000000542. PMID: 27111752

23. Liberman D, Jarosek S, **Virnig BA**, Chu H, Elliott SP. The Patient Burden of Bladder Outlet Obstruction after Prostate Cancer Treatment. *J Urol*. 2016 May;195(5):1459-63. doi: 10.1016/j.juro.2015.11.072. PMID: 26682759
24. Onega T, Tosteson AN, Weiss J, Alford-Teaster J, Hubbard RA, Henderson LM, Kerlikowske K, Goodrich ME, O'Donoghue C, Wernli KJ, DeMartini WB, **Virnig BA**. Costs of diagnostic and preoperative workup with and without breast MRI in older women with a breast cancer diagnosis. *BMC Health Serv Res*. 2016 Feb 27;16:76. doi: 10.1186/s12913-016-1317-6. PMID: 26920552
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Letters

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TEACHING AND CURRICULUM DEVELOPMENT

Courses Taught:

PubH 8830 Writing for research. University of Minnesota, spring 2022 (with Karen Kuntz)

PubH 7570 Population Health. University of Minnesota, spring 2019 (with Mary Ellen Wells)

PubH 7200 Global Public Health Systems in Developing Countries. University of Minnesota Public Health Institute, 2011-2012 (with John Amuasi).

PubH 6700 Foundations of Public Health. University of Minnesota School of Public Health, 2004-2014 (in person and on-line).

PubH 5784 Public Health Administration and Practice Masters Seminar. University of Minnesota School of Public Health, 2004-2008.

Use of Administrative Data for Research. University of Minnesota School of Public Health, 2000-2004.

Use of National Survey Data for Public Health Planning, Policy and Research, University of Minnesota School of Public Health, 1999.

Family Medicine Clerkship: Managed Care Seminar, University of Miami School of Medicine, Miami FL, 1995-1998.

Epidemiology and Biostatistics I and II, Graduate Program in Evaluative Clinical Sciences, Dartmouth Medical School, Hanover NH, 1993-1994.

Short Courses:

CMS 101: Introduction to the Use of Medicare Data: 1998-present;
2-3 day, ResDAC-sponsored, in-person course with hands on activities. In 2020 transitioned from in-person to on-line due to COVID-related travel restrictions

- 44 Offerings to research community.
- Special offerings to:
 - CDC
 - FDA
 - CMS
 - GAO
 - VA
- 1-4 times per year. Each offering lead 3-4 segments including:
 - Introduction to the Medicare program;
 - Strengths and Weaknesses of Medicare Data;
 - The Medicare Denominator file;
 - The MedPAR file;
 - Using Carrier and Outpatient data;
 - Managing the transition from ICD-9 to ICD-10;
 - Framing your work as a research question.
 - Designing a study using Medicare data

SEER-Medicare Data, Minneapolis, MN 2019 (with Jarosek, Parsons, Swanson).
Virtual course, 600 participants

Medicare Encounter Data: 2018 (with Jarosek, Huckfeldt). 2-day course to introduce new data files

Health Management, 2017 at Hanoi Medical College

Writing a research proposal, 2013 in Hat Yai, Thailand

Comparative Policy and Systems in Global Public Health, 2012 in Chaing Mai, Thailand (with Manoj Potapohn)

Comparative Health Systems for One Health; 2010 Public Health Institute at Makerere University, Kampala, Uganda (2010)

Introduction to the Use of SEER-Medicare data: Bethesda MD, annually 2007-2013. 2 day in person and/or hybrid course (variously). (with Joan Warren).

University of Minnesota Program/Graduate School Affiliations:

Public Health Administration (MPH)

Public Health Practice (MPH)

Health Services Research, Policy and Administration (MS, PhD)

Epidemiology (MPH, MS, PhD)

Clinical Research (MS)

Bioethics (Graduate minor)
Global Studies (concentration)

ADVISING AND MENTORING

University of Minnesota Academic Advisor and Thesis Advisor

(Students identified with a # are Fulbright Scholars.)

Name	Degree Program/ Major	Dates	Thesis
Meghan Munger	PhD HSRPA	2017-	Understanding early experiences and health services in ambulatory children with spastic cerebral palsy: a mixed methods study
Ami Sklar Buikema	PhD EPI	2008-	Vaccination Estimator Using Real-World Data: Bias, Disparity and Predictors of Influenza and COVID Vaccination
Kristi Swanson	PhD HSRPA	2016-2022 (expected)	Does Risk of Treatment Induced Cardiotoxicity Influence Cancer Care? An Assessment of Cancer Directed Treatment, Cardiac Outcomes, and Cardiovascular Screening Patterns Among Breast Cancer Patients
Waruiru Mburu	PhD EPI (co-advisor)	2017-2021	A study of the incidence patterns, care continuum and impact of treatment on survival among breast cancer patients in the US and Ghana (Fogarty fellow, DDF award)
Xuanzi (Shirley) Qin	PhD HSRPA (co-advisor)	2015-2020	Impact of the introduction of generic aromatase inhibitors on treatment decisions for elderly women with breast cancer
Colleen Longacre	PhD HSRPA	2015-2020	The effect of patient travel distance on breast cancer treatment and survival (R36 award)
Jennifer Joseph	PhD HSRPA (co-advisor)	2011-2018	Colon Cancer Quality of Care: Racial/Ethnic Disparities in Adjuvant Chemotherapy Guideline-Concordance and Timeliness in the U.S. Medicare Population
Deborah Mielke	MPH EPI	2011-2012	Chronic Kidney Disease and Diabetes Outcome Measures in an Urban Community Clinic Population 2011-2012
John Amuasi	PhD HSRPA	2010-2014	The Affordable Medicines Facility-malaria: Availability, pricing & market share of antimalarials and the impact of competition among providers in Ghana
Shriram Parashuram	PhD HSRP	2010-2013	Measuring Quality of Diabetes Care for Medicare Beneficiaries

Mollie Gurian	MPH PHAP	2009-2012	Rationing Compassion: The Long (and Still Not Completed) Road to a Properly Robust Medicare Hospice Benefit
Kristin Sweet	PhD HSRP	2008-2014	Hepatitis C: Hepatocellular carcinoma, mortality, and the impact of treatment
	MPH PHAP	2004-2006	Hepatitis B Birth Dose Policies in Minnesota Hospitals
Schelomo Marmor	PhD HSRP	2008-2013	Impact of Donor and Center Attributes on Outcomes of Hematopoietic Cell Transplantation
Sudha Setty	MPH PHAP	2007-2009	Bioethics of Mandated Vaccinations: Historical Perspectives and Policy Analysis
Stephanie Jarosek	PhD HSRP	2006-2013	The Medicare Hospice Benefit: Peering into the Black Box
Sean Elliott	HlthSrvRPA MS	2006-2011	A Decrease in Physician Reimbursement for Hormone Therapy in Prostate Cancer and Patterns of Utilization
Kamakshi Lakshminarayan	HlthSrvRPA MS	2006-2011	Five Year Rehospitalization Outcomes in a Cohort of Acute Ischemic Stroke Patients: Medicare Linkage Study
Ahmed Javed#	MPH PHAP	2006-2008	The Impact of War on Maternal and Child Health in Afghanistan
Neeta Shanbhag	MPH EPI	2006-2007	Risk of Melanoma in Relation to Height, Weight, Body Mass Index and Body Surface Area
Helen Parsons	PhD HSRP	2005-2011	A Culture of Quality? Lymph Node Evaluation for Colon Cancer Care
Kim Belzberg, RN	MPH Epidemiology	2005-2008	Invasive MRSA in Ramsey county
Rachel Hardeman	MPH PHAP	2005-2008	The role of culture in healthcare in the African-American and African communities
Amy Thornton	MPH PHAP	2004-2006	The effect of the comprehensive methamphetamine legislation on the State of Minnesota
Rocco Ricciardi, MD	MPH PHAP	2004-2006	Predictors of Clostridium difficile colitis infections in hospitals
Diana Plumer, RN	MPH PHAP	2004-2006	The development, implementation and evaluation of a public health nursing practice standard for prenatal chemical health
Tamara Johnson	MPH PHAP	2004-2006	The Economic Impact from the Hennepin and Ramsey County Smoking Bans on Bar and Restaurant Employment: A comparative analysis of Metro Area counties
Elizabeth Habermann	PhD HSRPA	2003-2008	Cancer in the Medicare Disabled

Molly Jacques	MPH PHAP	2003-2007	Is the US Current diagnosis coding system sufficient to support coverage policies for new technologies?
Stephen Rathbun	MPH PHAP	2003-2007	A critique of barriers to investigation into disparity: a literature review and examination of assessment tools for the disparity of cervical cancer rates between Vietnamese, Hmong and White Women
Christina Wen	MPH PHAP	2003-2005	Research project: Removing Geographic Barriers to Cancer Care for Rural Minnesotans
Elizabeth Habermann (Butzer)	MPH PHAP	2002-2005	The Impact of a Change in Medicare Reimbursement Policy and HEDIS Measures on Stage at Diagnosis among Medicare HMO and Fee-for-Service Female Breast Cancer Patients
Elaine Hernandez	MPH PHAP	2002-2004	Seeking to explain disparities in breast and colorectal cancer screening
Heather Nelson	MPH Epidemiology	2001-2004	Maternal prenatal consumption of vitamin C and the incidence of otitis media among infants
Hilde Surbaugh	MPH PHAP	2000-2002	Attitudes toward smoke-free restaurants in Washburn County, WI
Folashade Ogunmodede, MD	MPH Epidemiology	1999-2002	Prevention of perinatal group B streptococcal disease in Minnesota: results from a retrospective cohort study and new prevention guidelines
Michale Feaver	MPH Epidemiology	1999-2001	Medicare and Mammography
Michael Davidoff	MPH PHAP	1999-2001	Public Health Informatics: An Evolving Discipline
Elizabeth Guastello	MPH PHAP	1999-2000	Women in the workplace
April Todd-Malmlov	MPH PHAP	1998-1999	Predictors of stress and satisfaction among nursing assistants in long-term care organizations

University of Minnesota Academic Advisor only

(Student identified with an (*) indicate also member of thesis committee. Students identified with a # indicate Fulbright Scholar.)

Name	Degree Program/Major	Dates
Roshani Dahal	PhD HSRPA	2021
Riley Shearer	PhD HSRPA	2020-2021
Odichinma Akosionu	MPH PHAP	2015
Erin Burke	MS HSRPA	2013-2015
Sara Koehring	MPH PHAP	2012-2013
Kelsey Avery	MPH PHAP	2012-2013

Erin Bailey	MPH PHAP	2011-2014
Anne Dwyer	MPH PHAP	2010-2013
Sally Holthouse	MPH PHAP	2010-2012
Erin Venegoni	MPH PHAP	2009-2014
Jonah Popp	PhD HSRP	2009-2013
Elizabeth Karan	MPH PHAP	2009-2012
Kara Durski*	MPH PHAP	2009-2011
Mia Hunt	MPH PHAP	2009-2011
Laura Suppes	MPH PHAP	2008-2009
Waddah Al-Refaie, MD	MS Clinical Research	2008
Niketa Walawalkar	MPH PHAP	2007-2010
Stephen O'Neil	MPH PHAP	2007
Hawre Jalal#	MS HSRP	2006-2009
Alison Greiner	MHA	2006-2008
Aliyah Ali	MPH PHAP	2005-2008
Joanne Moze*	MPH EPI	2004-2006
Joan Barnes*	MS HSRP	2003-2008
Julie Bershadsky*	PhD HSRP	2003-2008
Michael Davidoff	MPH PHAP	1999-2001
Brian Bottke	MPH PHAP	

University of Minnesota Thesis Advisor Only

Name	Degree Program/Major	Date of Completion	Thesis
Jayati Saha	MPH Epidemiology	2020	Characterization of observation stays, and other short hospital stays among Medicare enrollees—2017
Le Anh Duc	MPH	2018	Waiting time for outpatient healthcare services at the examination department of Duc Giang Hospital in Hanoi 2018 and associated factors
Samantha Rosner	MPH PHAP	2016	Public Health Needs faced by Chaska Minnesota Mobile Home Communities
Kevin Cleary	MPH PHAP	2015	Targeting and addressing patient workload and capacity with patient navigators: a qualitative study
Megan Ghai	MPH PHAP	2013	The Incidence and Trends of Group B Streptococcus in Infants: An Analysis of HCUP KID Data from 1997-2009
Olusola Adegoke	MPH PHAP	2011	Invasive Cervical Cancer: A 35-Year Population-Based Analysis

Natalia Espejo	MPH PHAP	2011	One World, One Health: Tracking zoonotic and threats in the 21 st Century
Jin Johnson	MPH PHAP	2011	A Penny For Their Thoughts: A Nonresponsive Analysis of the Respiratory Health Survey of Taconite Workers and their Spouses
Samuel Lee	MPH PHAP	2011	Show Me the Money: A Literature Review of Social Entrepreneurship and its Applications for Global Health
Cori Blauer	MPH PHAP	2010	Gastroschisis in the United States: Searching for a Cause of the Rising Incidence
Anne H. Blaes	Clin Rsrch M S	2009	Angiotensin Converting Enzyme Inhibitors May Be Protective Against Cardiac Complications Following Anthracycline Chemotherapy
Heather Palenschat	MPH PHAP	2009	Case Management As An Intervention with Parenting Teens in a School-Based Setting
Neeta Shanbhag	MPH EPI	2009	Risk of Melanoma in Relation to Height, Weight, Body Mass Index and Body Surface Area
Schelomo Marmour	MPH PHAP	2008	The Health Care System Policies Affecting Radiation Exposed Victims of Nagasaki and Chernobyl and the Implications for the U.S.
Brooke Alquist	MPH PHAP	2007	Availability of health Amenities and Population health in Minneapolis
John Amuasi, MD	MPH PHAP	2007	The drugs for neglected diseases initiative's fixed-dose Artesunate-based combination therapy project: An innovative public-private partnership
Jason Dehn	MPH Epidemiology	2007	National Marrow Donor Program Improvement in HLA Matching: Increased likelihood of mismatched donor transplants for patients from racial minorities and patients with advanced disease
Amy Becker	MPH PHAP	2006	Who will help us? The implications of federalism in responding to public health emergencies
Quinn Kitchen	MPH PHAP	2006	The Current State of Newborn Screening: A Literature Review
Farhiya Farah	MPH PHAP	2006	Cancer Occurrences of Somali in Minnesota: In relation to toxic waste exposure in Somalia

Christina Wen	MPH PHAP	2005	Improving Access to Cancer Treatment for Rural Minnesotans
Bankole Olatosi	MPH PHAP	2004	Health Care Utilization Differences by HIV positive African-born immigrants in Hennepin County
Gina Schwasinger	MPH PHAP	2003	Are there racial differences in stage of cervical cancer diagnosis and cervical cancer survival?
Michale Feaver	MPH EPI	2001	Medicare and Mammography
Catherine Wielinski	MPH Epidemiology	2001	Characteristics of breast conservation surgery for breast cancer in an employer-based insurance plan
Tamara Sippl	MPH PHAP		Research Project: The Economic Impact from the Hennepin & Ramsey County Smoking Ban in Bars and Restaurants: A comparative analysis of four differing counties
Nathaniel Welton	MPH PHAP	Not completed	Healthy People 2020 and Beyond The Next Frontier

University of Minnesota Thesis Committee Member

(Student identified with an (*) indicate also academic advisor.)

Name	Degree Program/Major	Date of Completion	Thesis
Riley Shearer	PhD HSRPA	Expected 2023	Characteristics and outcomes for hospitalized patients with methamphetamine and opioid co-use: Identifying opportunities for hospital-based addiction services tailored to co-use
Matt McFalls	PhD Environmental Health		Job Lock and Occupational Health Outcomes in Medicare
Lindsey Leshner	PhD Epidemiology	2022	Hospital policies and MRSA infection rates
Summer Tran	PhD Social and Behavioral Pharmacy	Expected 2022	Impact of Concurrent Antibiotic Use on Effectiveness of Immune Checkpoint Inhibitors in Patients with Metastatic Non-Small Cell Lung Cancer (mNSCLC).
Kelly Deweese	MPH EnHS	2019	Health Equity: Healthcare Access for Patients with

			Foodborne Illness in Minnesota 2015-2018
Anatole Manzi	PhD Health Services, University of Rwanda (examination committee)	2018	Antenatal care: Predictors of Delays and effectiveness of targeted mentorship and quality empowerment intervention at rural health centers in Rwanda
Bailey Perry	Honors Thesis (Statistics) Review Committee	2018	Racial, SocioEconomic & Other Factor Analysis in Breast Cancer Incidence
Maggie Horvath	MPH PHAP	2017	Hospice use in younger insured populations
Jake Tanumihardjo	MPH PHAP	2016	Minneapolis Healthy Food Shelf Initiative: Improving Healthy Food Access for Food Shelf Clients
PJ Mitchell	MPH PHAP	2016	Collaboration and Contestation in the Public Forum: A Content Analysis of Health Controversy Discourse on Wikipedia
Lorshire L. Lo	MPH PHAP	2016	Short-Term Evaluation Of A Physical Activity Promotion Program In A Workplace Setting
Carrie Vogelsang	MPH PHAP	2015	Doula support and preterm birth: A qualitative study with low-income, racially/ethnically diverse pregnant women
Jing Zheng	PhD Biostat	2014	Bayesian Hierarchical Methods for Network Meta-analysis
Shuling Li	PhD EPI	2013	Association Between Adjuvant Chemotherapy and Nephrotoxicity and Kidney Function Monitoring in Elderly Breast Cancer Patients
Suzanne Bentler	PhD Health Services and Policy (U Iowa)	2013	Continuity of Care Among Medicare Beneficiaries: The Development of Patient-Reported Measures, Their Association with Claims-Based Measures, and The Prediction of Health Outcomes
Li Tao	PhD HSRP	2012	Smoking and lung cancer survival
Shi-yi Wang	PhD HSRP	2012	The Evaluation of Preoperative Breast Magnetic Resonance

			Imaging for Women with Newly Diagnosed Early Breast Cancer
Kara Durski*	MPH PHAP	2011	Evaluating the Cost-Effectiveness of Checklists and Treatment Algorithms in Resource Limited Settings: Highlighting and Empirical Example of a Checklist Implemented to Diagnose and Treat Meningitis
Chia-Hsuan Li	MS HSRP	2010	A Cost-Effectiveness Analysis of Various Colorectal Cancer Screening Strategies in Taiwan
Laurie Jo Vlasak	MS Nursing	2010	A Guideline for Advance Practice Nurses (APNs) in Identifying Factors Affecting Heart Failure Self-Care in the Elderly
Lijuan Shen	MS Biostat	2009	Bayesian Change Point Survival Analysis of Androgen Suppression Therapy Utilization Patterns for Men with Prostate Cancer, 2000-2005
Yiscah Bracha (Barbara Shaten)	PhD HSRP	2008-2011	Explaining Geographic Variability in Medical Services Using Social Network Analysis
Julie Bershadsky*	PhD HSRPA	2007-2010	Preventive Care and MR/DD adults in Minnesota
Pam Lutsey	PhD Epidemiology	2007-2008	Venous Thromboembolism: Incidence and Relation to Diet and Thrombin Generation
Mary Forte	PhD HSRP	2006-2008	Surgeon's use of differentially-reimbursed hip fracture procedures
Emily Parker	PhD Epidemiology	2006-2007	Hip Circumference and Chronic Disease Risk: Coronary Heart Disease, Type 2 Diabetes, Hip Fracture and functional limitations
Jye Wang	PhD HSRP	2006-2007	The Effects of Resident and Nursing Home Characteristics on Activities of Daily Living
Joanne Moze*	MPH EPI	2006	Demographic Factors and Local Health Prevention Policy for Tobacco Use and Obesity in Minnesota

Haijun Ma	PhD Biostatistics	2005-2006	Bayesian Hierarchical Boundary Analysis for Areal Public Health Data
Haiyun Fan	MS Biostatistics	2005	A Simulation-Based Approach to Bayesian Sample Size Calculation
Joshua Devine	PhD Social Administrative Pharmacy	2004-2006	Migraine Preventive Therapy Use And Its Influence On Resource Utilization In The Military Health System
Kiran Gupta	PhD Social Administrative Pharmacy	2004-2006	Prescription Drug Insurance Instability And Its Consequences
Xioping Jin	PhD Biostatistics	2004-2005	Multivariate Areal Modeling with Application to Mapping Multiple Disease Data
David Lee	MS in Genetic Counseling	2004	Insurance Practice and Views on Cancer Genetic Counseling: A survey of Medical Directors
Heather Nelson*	MPH EPI	2004	Maternal Prenatal Consumption of Vitamin C and the Incidence of Otitis Media Among Infants
Joan Barnes*	MS HSRP	2003-	Method to identify health care clinics
Trista Johnson	PhD Epidemiology	2002-2003	Epidemiology of Medical Errors

FORMAL FACULTY MENTORING

Dominic Travis DVM, MS, Assistant Professor, Epidemiology and Ecosystem Health, University of Minnesota, College of Veterinary Medicine

Rachel Hardeman, PhD, MPH, Assistant Professor, University of Minnesota School of Public Health, Division of Health Policy & Management

Ben Capistrant, PhD, Assistant Professor, University of Minnesota School of Public Health, Division of Epidemiology and Community Health

Tetyana Shippee, Ph.D., Assistant Professor, University of Minnesota School of Public Health, Division of Health Policy & Management

Nathan Shippee, Ph.D., Assistant Professor, University of Minnesota School of Public Health, Division of Health Policy & Management

Katy Kozhiminnil, Ph.D., Assistant Professor, University of Minnesota School of Public Health, Division of Health Policy & Management
BIRWCH Award

Eva Enns, Ph.D., Assistant Professor, University of Minnesota School of Public Health, Division of Health Policy & Management

Waddah Al-Refaie, M.D., Assistant Professor, University of Minnesota School of Medicine, Department of Surgery
VFW award

Sean Elliott, M.D., Assistant Professor, University of Minnesota School of Medicine, Department of Urology
K12, NIH loan repayment award

Nancy Nachreiner, M.P.H., Ph.D., Assistant Professor, University of Minnesota School of Public Health, Division of Environmental Health Sciences
Minnesota Medical Foundation grant

Kamakshi Lakshminarayan, M.D., Ph.D., Assistant Professor, University of Minnesota School of Medicine, Department of Neurology
K12, K23

Rocco Ricciardi, M.D., Assistant Professor, University of Minnesota School of Medicine, Department of Surgery
NIH loan repayment award

Nancy Baxter, M.D., Assistant Professor, University of Minnesota School of Medicine, Department of Surgery
ASCO career development award
Lance Armstrong Foundation career development award
VFW award

SERVICE

Editorial Responsibilities

Editorial Board: *Journal of Comparative Effectiveness Research* (2012-present)

Editorial Board: *Journal of Gerontology: Social Sciences* (2006-2007)

Reviewer for the *American Journal of Managed Care*

Reviewer for the *American Journal of Public Health*

Reviewer for *Annals of Surgical Oncology*

Reviewer for *BMS Health Services Research*

Reviewer for *BMJ Open*

Reviewer for *Cancer Epidemiology, Biomarkers and Prevention*

Reviewer for *Diseases of the Colon and Rectum*
Reviewer for *Hastings Center Report*
Reviewer for *Health Affairs*
Reviewer for *Health Services Research*
Reviewer for *Journal of the American Medical Association*
Reviewer for *JAMA Ophthalmology*
Reviewer for *Journal of Clinical Oncology*
Reviewer for *Journal of General Internal Medicine*
Reviewer for *Journal of Gerontology: Social Sciences*
Reviewer for *Journal of the National Cancer Institute*
Reviewer for *Journal of Rural Health*
Reviewer for *Lancet Oncology*
Reviewer for *Medical Care*
Reviewer for *Milbank Quarterly*
Reviewer for *Palliative Medicine*

Meeting Review

Reviewer for North American Primary Care Research Group
Reviewer of social science abstracts for Joint Meeting of the American Society for Bioethics and Humanities and the Canadian Bioethics Society, 2003

Grant Review

Member, American Cancer Society Council for Extramural Grants, 2018-present

American Cancer Society, January 2007-2011 (Meeting co-chair, 6/2008-12/2009;
Meeting chair, 1/2010-12/2011)

Ad Hoc review:

NIH (1999-present)

SNEM-4 (sociology, nursing, epidemiology methods)

Various special emphasis panels

Israel National Institute for Health Policy and Health Services Research

Cancer Research UK

Robert Wood Johnson Foundation, 1999-2004

National Academies of Science activities:

Participating in meeting, *Improving Consent and Response in Longitudinal Studies of Aging*. 2021.

- Challenges to Connecting Data across Agencies

Participation in Public Session, *Applying Big Data to Address the Social Determinants of Health in Oncology*. 2019 Workshop

Proceedings: <https://www.nap.edu/catalog/25835/applying-big-data-to-address-the-social-determinants-of-health-in-oncology>)

- Opportunities to Leverage Big Data and Analytic Methods to Promote the Health of Individuals and Communities;
- Panel Discussion: Participant Recommendations for the Path Forward.

Participation in Public Session, IOM-NRC Committee on the Use of Economic Evidence to Inform Investments in Children, Youth, and Families. 2015

<http://www.nationalacademies.org/hmd/Activities/Children/EconomicEvidence.aspx>

Member, Committee on Shipboard Hazard and Defense II, 2012-2016

<https://www.nap.edu/catalog/21846/assessing-health-outcomes-among-veterans-of-project-shad-shipboard-hazard-and-defense>

Panel Member, NIH State-of-the-Science Review on Increasing Colorectal Cancer Screening, February 2010

<https://consensus.nih.gov/2010/colorectalstatement.htm>

Other Professional Activities

Census Bureau Mortality Studies/Medicare steering committee principal investigator member; 2021-present

Census Bureau Mortality Studies Workshop, February 2021

Presenter “Approaches to CMS data analysis”

Facilitator “CMS Linkages” sessions 1 and 2

Minnesota Department of Health: COVID Smart Testing Advisory Committee Member 2020-2021

Board member, Onpoint Health Data, 2019-present

Executive committee member, 2020-present.

Member, external review panel, University of Saskatchewan School of Public Health, 2015

Member, NCI SEER/Medicare Analytic Research Tool (SMART) Advisory board, 2007-2010

Member, NCI/Lance Armstrong Foundation-sponsored Adolescent and Young Adult Oncology Progress Review Group; co-chair Late-Effects subgroup, 2005-2009

Member, American Cancer Society Health Services Research Advisory Board, 2006-2010

Consultant, National Committee on Quality Assurance on Measuring Racial and Gender Variation in Quality of Managed Care, 2004-2006

Member, VIREC VA/Medicare Linkage Technical Advisory Board, 2003-2011

Member, Clinical Advisory Committee D. Hynes' VA project "Quality & Costs of Colon Cancer Care in VA and Medicare" 2004-2008

Member, Data Review Committee for the Minnesota Cancer Plan, Minnesota Department of Health, 2004-2006

Participant, Describing Death in America. Institute of Medicine, October 2001

Participant, SEER/Medicare Data Analysis Workshop. National Cancer Institute, November 2000, Member: Screening and treatment subgroup

Member, Technical Advisory Board Member for VA-HCFA Data Merge Initiative, 2000-2004

Mentor, Robert Wood Johnson Foundation Program for Promoting Excellence in End-of-Life Care, 1999-2002

Participant, Financing End of Life Care, Robert Wood Johnson Foundation, 1998

Advisory Panel Member, One final Gift: Humanizing the End of Life for Older Women, Alliance for Aging Research, 1998

University of Minnesota Service

CTSI poster judging, 2020

Member, iCOMOS 2019 Planning Committee, 2018-2019

Member, Research Computing Internal Review Committee, 2018-2019

Co-Chair, AHC Outcomes Research Committee, 2017-2018

Member, Minnesota Supercomputer Institute (MSI) Advisory Committee, 2014-2022

Member, Search for IonE Director, 2014-2015

Member, Committee Institute on the Environment (IonE) 2.0, 2014

Member, Council of Faculty Associate Deans, 2013-2020

Member, Vice President for Research Search Committee, 2012

Member, AHC Research Deans, 2011-2019

Member, Council of Research Associate Deans, 2011-2020

Member, Bioethics search committee, 2007-2008

Co-director, Cancer Detection, Treatment and Survivorship Program, Masonic Cancer Center, 2008-2011

University of Minnesota School of Public Health Service

Member, SPH Campaign Cabinet, 2017-2022

Chair, Epidemiology Division Head Search Committee, 2015
Member, School of Public Health Education Policy Committee, 2005-2006, 2008-2011
Member, SPH Futures Committee 2004-2005
Member, Veterinary Public Health (DVM/MPH) Admissions Committee 2003-2007
Member, Dean's Committee on Public Health Informatics, 2001-2003
Member, Strategic Planning Task Force, SPH 1999
Member, Ad Hoc Committee on Appointment, Promotion and Tenure, UMN SPH 1998

University of Minnesota School of Public Health Division of Health Management and Policy service

Member, PHAP Admissions Committee, 2006-2007, 2020-2022
Member, Health Policy and Management Executive Committee, 2010-2011
Program Chair, Public Health Administration and Policy (PHAP) major 2008-2011
Direct/Co-direct clinical outcomes research (COR) area, HSRPA PhD program 2007-2022
Member, Health Policy and Management Education Committee 2006-2011 (Chair 2010-2011)
Leader, Public Health Administration and Policy Analytic Concentration 1999-2012

Community Service

Board Member, Jewish Family and Children's Services (JFCS), 2022-
COVID policy committee, Minneapolis Talmud Torah, 2022
Board Nominating Committee, Jewish Family and Children's Services (JFCS), 2020
Mentor, Aaron Bae, Breck High School, 2017-2018
Mentor, Carleton College Student Extern Group (Daniel Atkins, Grace Johnson, Jane Kelly), 2015-2017
Board Member, Pathways to Children 2016-present
Breck School Captain's Parent:
 Nordic Skiing 2013-4, 2014-5
 Track and Field 2014, 2015
 Boys Soccer, 2017