

February 2020

CURRICULUM VITAE

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LICENSE AND CERTIFICATION:

State of Tennessee, February 1986
American Board of Internal Medicine, September 1979
American Board of Preventive Medicine, February 1984

EDUCATION:

College

09/68–05/72 Immaculata College, Pennsylvania, A.B.

Professional or Graduate

07/72–06/76 Georgetown University School of Medicine, M.D.
07/81–05/83 Johns Hopkins School of Hygiene and Public Health, M.P.H.

Postgraduate Training

07/76–06/77 Medicine Internship, North Shore University Hospital (Cornell), Manhasset, NY
07/77–06/79 Medicine Residency, Emory University/Grady Memorial Hospitals, Atlanta, GA
07/79–06/81 Epidemic Intelligence Service (EIS) Officer, Centers for Disease Control, assigned to the New Jersey State Department of Health
07/81–12/82 Andrew W. Mellon Clinical Epidemiology Fellow, The Johns Hopkins Medical Institutions

ACADEMIC APPOINTMENTS:

07/81–12/82 Instructor, Department of Medicine, Johns Hopkins University School of Medicine, Baltimore, MD
01/83–06/84 Research Associate, Department of Medical Statistics and Epidemiology, Mayo Clinic, Rochester, MN
07/84–06/85 Fellow, Internal Medicine, Mayo Clinic and Assistant Professor, Department of Medicine, Mayo Medical School, Rochester, MN
07/85–10/85 Assistant Professor, Department of Medical Statistics and Epidemiology, Mayo Clinic, Rochester, MN
01/86–06/90 Assistant Professor, Departments of Preventive Medicine and Medicine, Vanderbilt University School of Medicine, Nashville, TN
07/90–03/95 Associate Professor, Departments of Preventive Medicine and Medicine, Vanderbilt University School of Medicine, Nashville, TN
04/95-- Professor, Departments of Health Policy (formerly Preventive Medicine) and Medicine, Vanderbilt University School of Medicine, Nashville, TN
2002—2018 Staff Physician, GRECC VA Tennessee Valley Healthcare System
2019— Directorship, Public Health Research and Education

HOSPITAL APPOINTMENTS:

Vanderbilt University Hospital, Nashville, TN
VA Tennessee Valley Healthcare System, Nashville, TN

PROFESSIONAL ORGANIZATIONS:

Member, Society for General Internal Medicine
Member, Society for Epidemiologic Research
Member, American College of Epidemiology

PROFESSIONAL ACTIVITIES:

Vanderbilt

Patient Care Policy Committee- 1986-8
Faculty Advisory Committee- 1987-8, 2004-8
Institutional Review Board- 1989-92
Women's Faculty Organization – Executive Board- 1992
Medical Center Task Force on Research Needs- 1992-3
Academic Program Committee- 1993-1997
Chair, Nutrition Education Subcommittee 1993-1997
Chair, Women's Health Subcommittee 1996-1997
American Cancer Society, Institutional Grant Review Committee 1994-96
Vice Chancellor Faculty Scholar Award Review Committee -1994-96
Promotions and Tenure Committee, School of Medicine 2000-2002
Faculty Senate 2003—2006
Education Portfolio Standards for Promotion 2009
Co-Director, Vanderbilt MPH program 1996-2005
Chair, MPH Curriculum Committee 2005-13
Director, Epidemiology Track, MPH program 2011-2013
Executive Committee MPH Program 2011-
Search Committee, Chair in Addiction Medicine 2011-2012
Epidemiology PhD Admissions Committee 2011-2014
Search Committee, Chair in Geriatrics 2012-2013
Committee on Appointments and Promotion, Department of Medicine 2012-2014
Faculty Appointments and Promotions Committee, School of Medicine 2012-2014
Faculty Search Committee, Health Policy 2013-2018
Director, MPH Program 2014-
School of Medicine Honor Code Committee 2014
School of Medicine, Medical School Entry Requirements Committee 2014
Faculty Research Scholars Selection Committee 2014-2019
Joint Post-Graduate Education Programs Committee 2014-2019
School of Medicine, Admissions Committee 2018-

National

Institute of Medicine/National Academy of Science, Engineering and Medicine:

Committee to Review Adverse Consequences of Pertussis and Rubella Vaccines 1990-1991
Invited participant, Workshop on Research Strategies for Assessing Adverse Reactions to Vaccines 1993
Reviewer, DPT Vaccine and Chronic Nervous System Dysfunction, A New Analysis
Invited speaker, Forum on Adverse Events Associated with Vaccines 1996
Invited speaker, Committee on Implementation of Antiviral Medication Strategies for an Influenza Pandemic 2007
Clinical Effectiveness Research Innovation Collaborative 2009
Committee to Review Long-Term Health Effects of Antimalarial Drugs 2019-2020

American College of Physicians:

Task Force on Adult Immunization, 1991-1996, 1999- 2002

Centers for Disease Control and Prevention:

Advisory Committee on Immunization Practices, 1994-99
Invited Participant, Forum on Vaccines and Intussusception, 2000
Invited Participant, Workshop on Antiviral Agents for Pandemic Influenza, 2001
Invited Participant, Committee to Review Study Design for Assessing Risk associated with Thimerosal Containing Vaccines, 2001

Presentations to the Advisory Committee on Immunization Practices 2003, 2004
Advisory Committee on Immunization Practices Work Group on RSV 2016-

Food and Drug Administration:

Arthritis Advisory Committee- Invited Speaker 1995
Nonprescription Drugs Advisory Committee – Invited Speaker 2002
Nonprescription Drugs Advisory Committee, 2006—2009
Vaccine and Related Products Advisory Committee Temporary Voting Member 2017
Drug Safety and Risk Management Advisory Committee 2018-

Centers for Medicaid and Medicare Services:

Medicare Evidence Development and Coverage Advisory Committee 2010-2012

ATS/IDSA Community Acquired Pneumonia Guidelines Committee, 2015-2018

American Epidemiologic Society Membership Committee, 2013-17; Chair, 2017; President-Elect 2020

Association of Schools and Program of Public Health

MPH Council 2017-

Council on Education in Public Health accreditation reviewer 2017-

Study Sections:

Ad Hoc Epidemiology study sections 1 and 2 (NIH), NIAID special study section (NIH) on pertussis vaccine trials, March of Dimes, Agency for Health Care Policy & Research, American Teachers of Preventive Medicine, NIDDK special study section on celiac disease 1999, NICHD special emphasis panel 2000, CDC K awards 2004, AHRQ CERT centers 2005

Study Section Member 2008-12 Health Care Research Training, Agency for Healthcare Research and Quality (AHRQ)

Greenways for Nashville Board Member 2016-

Ad-hoc journal review:

Annals of Internal Medicine, New England Journal of Medicine, Journal of the American Medical Association, American Journal of Epidemiology, American Journal of Cardiology, American Journal of Public Health, Journal of Pediatric Infectious Diseases, Pediatric Infectious Disease Journal, Journal of the American Geriatrics Society, Gastroenterology, Southern Medical Journal, Journal of Clinical Epidemiology, Pediatrics, Cancer, American Journal of Medicine, Epidemiology, Journal General Internal Medicine, Journal of Rheumatology, Arthritis and Rheumatism, Pediatrics, Journal of Infectious Diseases, Vaccine, PlosOne, PlosMedicine

International (Invited participant):

International Clinical Pharmacology Conference, Yokohama, Japan 1992

International Epidemiology Association, Sydney, Australia, 1993

Workshop on Risk of Major Complications with Individual NSAIDs, Newcastle, Australia, 1993

Taisho International Symposium on Gastroenterology, Hakone, Japan, 1994

International Agency for Research on Cancer (IARC) Review of Nonsteroidal Anti-inflammatory Drugs, Lyon, France, 1997

WHO Vaccines and Biologics Strategic Advisory Group of Experts (SAGE), Geneva, Switzerland, 2001

WHO Global Vaccine Safety Advisory Committee, Geneva, Switzerland, 2001

First Neonatal Vaccine Workshop, Washington DC 2004

3rd International Congress on Respiratory Viruses Chicago, Ill. April 2004

International Society for Pneumonia and Pneumococcal Disease, Plenary talk, Brazil March 2012

WHO workshop Geneva, Switzerland PCV Meeting: Short and Long-term Impact Evaluation Framework, September, 2013

International Society for Pneumonia and Pneumococcal Disease, Plenary talk, Hyderabad March 2014

Opponent of doctoral research thesis, Tampere, Finland March 2015

Health Research Board of Ireland –International Peer Review of grant June 2015

ACADEMIC OR PROFESSIONAL HONORS:

- 1981 Andrew W. Mellon Clinical Epidemiology Fellow
- 1986 Andrew Mellon Foundation New Faculty Award
- 1987 Burroughs Wellcome Scholar, Pharmacoepidemiology
- 1989 Fellow, American College of Physicians
- 1990 Elected to American Epidemiological Society
- 1994 AAMC Professional Development Seminar for Senior Women in Medicine
- 2003 Faculty Teaching Award for mentoring post-doctoral students
- 2004 Ronald D. Mann Best Paper Award, Pharmacoepidemiology and Drug Safety
- 2005 Elliot Newman Award for Excellence in Clinical Research, VUMC
- 2006 Grant W Liddle Award for Outstanding Contributions to Research, VUMC
- 2010 Outstanding Achievement in Healthcare Policy Research Using HCUP Data
- 2011 Five Star Excellence Award Quality of Doctor Care
- 2011 Gary D. Friedman Outstanding Paper Award (Kaiser Permanente Division of Research)
- 2013 American Academy of Physicians
- 2014 Association for Clinical and Translational Science Distinguished Investigator Award for Translation from Clinical Use into Public Benefit and Policy
- 2014 Ronald D. Mann Best Paper Award, Pharmacoepidemiology and Drug Safety (senior author)
- 2014 Five Star Excellence Award Quality of Doctor Care
- 2017 Mary Jane Werthan Award for Advancement of Women at Vanderbilt
- 2019 Endowed Directorship in Public Health Research and Education
- 2020 Robert Austrian Memorial Lecturer

TEACHING ACTIVITIES:

- Master of Public Health Program: 1996-2009, Course Director: Epidemiology 1
 1996-2006 Course Director: Environmental Health
 1996—present, thesis mentor
 2007—2014, Course Director: Public Health Practicum
 2011—2013 Director, Epidemiology Track
 2011—present, Executive Committee
 2014—present, Director
 2018, Course Director: Public Health Practice
- Medical students: 1986-2005, lecturer, Preventive Medicine course
 1986-1990, supervise students in outpatient practice
 1995, preceptor, Microbial Topics
 2006, emphasis program advisor
 2013—2014, content advisor research curriculum
 2014—2017, research area head, epidemiology section
- Medicine residents and students: 1990-2010 clinic supervision
 1990-2018: inpatient attending, resident didactics

RESEARCH SUPPORT:

Current Research support

5R01AG043471-06 (Grijalva) 04/30/2016-05/31/2020 0.60 Calendar
 NIH/NIA \$187,190 (NCE)
 Opioid Selection and the Risk of Serious Infections in Older Adults
 Long-standing concerns that opioids increase the risk of infections are particularly relevant for older adults, who are commonly affected by pain and are at increased risk for infections. Identifying those opioids with the lowest risk of increasing infections is crucial to informing the selection of analgesics for

older adults. Given the high prevalence of opioid use in older adults, determining and quantifying these risks is of great public health interest.

VUMC57393 /HHSF 22301400301T (Griffin) 09/22/2015-09/21/2019 0.60 Calendar
 FDA Mini-Sentinel \$169,750
 Infrastructure (task order 12) yr 5

The objective of this project is to select and test statistical methods appropriate for use when analyzing cross-sectional and longitudinal observational healthcare administrative, claims, and clinical data, with specific attention to clinical laboratory test results data when missing data are expected. Role: Project PI

VUMC 60868/ HHS2232014000421 (Griffin) 09/29/2016-09/28/2019 0.60 Calendar
 Food and Drug Administration \$152,021
 Task order Proposal 1164146-Evaluation of the Risk of Neural Tube Defects among Live Births Exposed to Maternal Prescription Opioids

A retrospective cohort design of pregnant women will be used to study the association of opioid use during pregnancy and neural tube defects (NTDs). Women will be included in the study if they had medical and prescription drug coverage and were clinically followed from 90 days before last menstrual period through delivery and delivered a live-birth. The study population of interest includes all women who delivered a live-born infant during the time period of 1/1/2001- 12/31/2015 and children born to these women. Role: Project PI

VUMC 07131 (U50CK000198) (Schaffner) 01/01/2012 – 12/31/2019 5.04 Calendar
 CDC \$128,062

EIP Core Continuation Emerging Infections Program/ HPV and ABC
 Comprehensive enhanced population-based public health surveillance for laboratory-confirmed invasive bacterial infections, influenza, encephalitis, human papillomavirus and pre-cancerous lesions. Dr. Griffin is the local lead for the multisite surveillance of HPV-related diseases, HPV-IMPACT.

VUMC 60397 (HHSF22301012T) (Griffin) 09/15/2016 – 09/14/2019 0.36 Calendar
 FDA \$19,858
 Maintenance and Operation for Medication Exposure in Pregnancy Risk Evaluation Program (MEPREP)

The Tennessee Medicaid database is routinely linked to birth certificates to allow study of exposures in pregnancy. FDA has supported this data infrastructure to be available to quickly address safety concerns relating to drugs and vaccines during pregnancy.

VUMC 64327/ HHSF223201710132C (Griffin) 01/01/2018 - 06/31/2020 0.60 Calendar
 Food and Drug Administration \$30,018

A Reusable, Generalizable Method to Link Health Plan Claims Data with the National Death Index Plus to Examine the Association Between Men

VUMC52910 / (Grijalva) 10/19/2015 - 10/18/2019 0.60 Calendar
 Campbell Collaboration \$1,065,405

Campbell Collaboration – Opioid PMR Consortium
 Master Service Agreement between Campbell Alliance and VUMC. Scope of Work: PMR 2065-1B, Contribute to the revision and development of the final study protocol; Actively participate in the execution of the final study protocol, using available data from the TN Medicaid program and other relevant data sources; Actively participate in the review and interpretation of study findings and the drafting of the study reports

1R01CA232516-01A1 (Tindle) 04/01/2019 - 03/31/2024 0.60 Calendar
NCI \$410,528

Metabolism Informed Smoking Treatment in Medicaid and Medicare Patients: The MIST RCT
The goal of this study is to test Metabolism-Informed Smoking Treatment (MIST), a precision approach that biologically tailors medication to nicotine metabolism, for Medicaid and Medicare (CMS) beneficiaries in the Mid-South who smoke. This testing will explore whether using information about speed of nicotine metabolism will help more people successfully quit smoking.

Completed Research Support

VUMC42609 /R1306-04869 (Rothman) 03/11/14-03/09/19
PCORI

The Mid-South CDRN Phase II

Conducting research will be the main focus of Phase II. Our CDRN has already collaborated on the planning and conduct of over 30 different research projects, including projects with CDRNs, PPRNs, researchers from academic institutions, and the health industry. We are also actively participating in the PCORI funded pragmatic trial on aspirin dosing, and planned PCORI observational studies on obesity. Phase II will focus on continued participation in a wide array of research activities including “pre-research” and complex queries, observation research, and interventional studies.

VUMC 59796 (HHSF22301007) (Griffin) 09/16/2015 – 10/30/2019
FDA

Kawasaki Disease and PCV13 Vaccine Task order

Case reports of children who developed Kawasaki Disease following vaccination was the impetus for this observational study. Role: Project PI

VUMC 41717 / GR-15-43659 (Griffin) 09/30/2013 – 09/29/2017
CDC

EIP Infrastructure

Dr. Griffin is working with State and CDC partners to build enhanced systems for disease surveillance. The focus of current activities is on creating a multisite database to monitor pneumonia incidence and address effectiveness of pneumococcal vaccines in changing the epidemiology of pneumonia. Role: Project PI

6R01AG043419-04 (Talbot) 07/01/2013 – 06/30/2017
NIH/NIA

Effectiveness of the Influenza Vaccine in the Aging Population

This study is a secondary analysis of an existing database to determine influenza vaccine effectiveness in older adults. This database, an accumulation of three studies, will be used to determine if the current methodology of test-negative controls will actually control for the bias of frailty, will determine vaccine effectiveness in the very old, and will explore if vaccine manufacturing process impacts effectiveness.

VUMC41170 (Griffin) 08/23/2013-08/22/2016
MedImmune

A Case Control Study of the Effectiveness of Q/LAIV Versus Inactive Influenza Vaccine and No Vaccine in Subjects 2-17 years

VUMC 61474 (Griffin) 05/30/2017- 12/31/2018
Reagan Udall Foundation
IMEDS Queries

This investigation uses the IMEDS Query Bundles to establish and maintain the administrative, intellectual, and technical capacity of research partners to participate in a distributed research network and respond to the Queries established by the IMEDS Master Agreement

11-IPA-1110211 (Griffin) 9/1/2011-8/31/2014
CDC
Evaluation of pneumococcal conjugate vaccine-13 on non-invasive *Streptococcal pneumonia* disease in children and adults using national and Tennessee State data.

5P60AR056116-02 (Stein) 8/1/2009-7/31/2013
NIH No cost extension through 7/31/2015
Vanderbilt Multidisciplinary Clinical Research Center
This project is a multidisciplinary clinical research center in arthritis. Dr. Griffin's project addresses comparative safety of biologics and other disease modifying anti-arthritis drugs in rheumatoid arthritis. Using VA national VA data comparative effectiveness of specific opioids for treatment of pain in rheumatoid arthritis will be explored.

Thrasher (Grijalva) 5/1/2011-4/31/2013
Thrasher Foundation
This study will examine the role of influenza and other respiratory viruses, and pneumococcus on the development of several acute respiratory infections in young children living in rural areas of the Peruvian Andes.

VACREF Protocol: LTPS (CSP#403C) (Griffin, site PI) 9/1/2006-12/31/2013
Merck
Long Term Persistence of Zoster Vaccine (Zostavax) Efficacy in subjects 60 years or older
This project studies the efficacy of the Zoster Vaccine.

5T32 HS013833-07 (Griffin) 7/1/2008-6/30/2013
AHRQ
Vanderbilt Health Services Research Training Program
An institutional career development program, Vanderbilt Health Services Research Training Program.

200-2008-24624 (Griffin) 9/1/2011-12/31/12
RTI (Research Triangle Institute)
Effectiveness of Neuraminidase Inhibitors among Adults
This project will estimate the effectiveness of Neuraminidase Inhibitors among adults.

5UL1 RR024975-03 (Bernard) 9/17/2007-9/21/12
NCRR
The Vanderbilt Institute for Clinical and Translational Research (VICTR)
This project involves the Vanderbilt Institute for Clinical and Translational Research (VICTR).
Role: involvement in training activities

5U18 HS016974-03 (Ray) 9/01/2007-8/31/2012
AHRQ
Vanderbilt Center for Education/Research on Therapeutics
This project encourages optimal therapeutics in Medicaid and Veteran's Health Administration Populations, by conducting interdisciplinary projects.

5U18 P000184-02 (Griffin) 8/1/2008-7/31/2012

Centers for Disease Control and Prevention
Annual Estimates of Influenza Vaccine Effectiveness: Davidson County, TN
Active population-based surveillance for laboratory confirmed influenza in adults and children to determine medical care visit rates in the county and estimate annual influenza vaccine effectiveness.

1R01 HS018454-01 (Hartert) 9/30/09-7/31/12
AHRQ
Tools to Reduce Infant RSV
A study in the tools to reduce infant RSV morbidity and asthma.

1U18 HS17919-01 (Griffin, site PI) 10/1/2008-9/29/2011
AHRQ
Subcontract with University of Alabama
Safety Assessment of Anti-TNF Agents Used in Autoimmune Disease
Help the AHRQ, the FDA, drug manufacturers, physicians and patients identify those patient groups who are at increased risk for serious adverse events with biologic therapy.

TS-1494/APTR/CDC (Griffin) 10/1/2008-9/30/2011
APTR
Monitoring Pneumonia and other Pneumococcal Diseases in the United States
Characterize the burden of pneumonia on the US health care system

HHS290-2005-0042-1-TO2-WA4 (Griffin) 9/1/2008-4/30/2011
AHRQ
Knowledge Gaps in Type 2 Diabetes
Therapeutics: Comparative Effectiveness & Safety of Oral Antidiabetic Drugs
Comparative effectiveness of first line treatments for type 2 diabetes on cardiovascular outcomes.

HHS290-2005-0042-I-TO2-WA#2 (Griffin through DEcIDE) 9/1/2007-4/30/2011
AHRQ
Multi-Center, Observational Cohort Study to Assess the Cardiovascular Risks of Medications Prescribed for ADHD
Assess the association between prescription use of medications for ADHD and adverse cardiovascular events, including sudden death, acute myocardial infarction, stroke and cardiac arrhythmias.

5R01AI063200-05 (Sterling) 3/1/2006-2/28/2011
NIH/NIAI
Fluoroquinolone Resistance in M. Tuberculosis
This project will analyze fluoroquinolone resistance in M. Tuberculosis

K01 (Grijalva) 10/1/07-9/30/10
CDC
Evaluating the Impact of a Large School-Based Influenza Immunization Campaign
This study will be evaluating a large school-based influenza immunization campaign.

5T32 HL007411-30 (Sawyer) 7/1/05-6/30/10
NIHLBI
Cardiovascular Mechanisms: Training in Investigation
This training grant will provide training in the study of the cardiovascular mechanism.

5R03 AI068099-02 (Williams) 2/1/07-1/31/10

NIAID
Epidemiology and Clinical Features of Human Coronarvius

CRCoE – 04-CRCOE-002 (Griffin) 10/1/2004-9/30/2009
VA
Tennessee Valley VA Clinical Research Center of Excellence
Infrastructure development for comparative effectiveness research and junior faculty development.

5U01 IP00022 (Edwards) 9/30/04-9/29/09
CDC
Enhanced Surveillance for Newly Vaccine Preventable Diseases
This project performed surveillance for new vaccine preventable diseases.

1RO3 AI068069 (Talbot) 12/1/07-9/30/09
NIAFD
Epidemiology and Clinical Features of Human Coronavirus
This study evaluated epidemiology and the clinical aspects of human coronavirus.

5R03 HS016784-02 (Grijalva) 3/1/2007-2/28/2009
AHRQ
The Impact of the Pneumococcal Conjugate Vaccine on Pneumonia Hospitalizations
Role: Mentor

U50 CCU300860 (Griffin) 9/30/06-9/29/08
APTR
Nationwide Impact of the Pneumococcal Vaccination Programs
This study estimated the burden of invasive and non-invasive pneumococcal diseases related hospitalizations in the United States and evaluated the overall impact of pneumococcal conjugate vaccine on hospital admissions for pneumonia.

MedImmune, Inc. (Griffin) 9/14/06-9/13/08
MedImmune
Evaluation of the Knox Count School-based Immunization Program
The major goals of this project were to perform active surveillance for influenza associated illness among Knox County residents to evaluate the 2006-07 school-based immunization program.

Pfizer (Griffin) 5/1/04-4/30/08
Pfizer
Valdecoxib/coxibs Drug Utilization & Stroke
This study was a retrospective cohort study to determine whether specific NSAIDs, including coxibs, are associated with an increased risk of ischemic or hemorrhagic stroke

5R01 AI50884 (Hartert) 8/1/03-1/31/08
NIH/NIAID
Dietary antioxidants and Incidence of Adult-Onset Asthma
The overall goal of this project was to investigate the role of oxidative stress in the incidence and pathogenesis of allergic asthma

PUBLICATIONS:

Articles in refereed journal

1. Griffin MR, Suroweic J, McCloskey D, et al. Foodborne Norwalk virus. *Am J Epidemiol* 1982;115:178-84.
2. Griffin MR, Miller A, Davis A. Blood culture contamination associated with a radiometric analyzer. *J Clin Microbiol* 1982;15:567-70.
3. Jones TS, Liang AP, Kilbourne EM, Griffin MR, et al. Morbidity and mortality associated with the July 1980 heat wave in St. Louis and Kansas City, Missouri. *JAMA* 1982;247:3327-31.
4. Kilbourne EM, Choi K, Jones TS, Field Investigation Team (including Griffin MR). Risk factors for heatstroke. *JAMA* 1982;247:3332-6.
5. Griffin MR, Dalley E, Fitzpatrick M, Austin SH. *Campylobacter* gastroenteritis associated with raw clams. *J Med Soc NJ* 1983;80:607-9.
6. Parkin WE, Marzinsky P, Griffin MR. Foodborne Hepatitis A associated with cheeseburgers. *J Med Soc NJ* 1983;80:612-5.
7. Bowen GS, Griffin M, Hayne C, Slade J, Schulze TL, Parkin W. Clinical manifestations and descriptive epidemiology of Lyme Disease in New Jersey, 1978 to 1982. *JAMA* 1984;251:2236-40.
8. Griffin MR, Opitz JL, Kurland LT, Ebersold MJ, O'Fallon WM. Traumatic spinal cord injury in Olmsted County, Minnesota, 1935-1981. *Am J Epidemiol*, 1985; 12:884-895.
9. Griffin MR, O'Fallon WM, Opitz JL, Kurland LT. Mortality, survival, and prevalence: traumatic spinal cord injury in Olmsted County, Minnesota, 1935-1981. *J Chron Dis* 1985; 38:643-53.
10. Griffin MR, Wilson WR, Edwards WD, O'Fallon WM, Kurland LT. Infective endocarditis, Olmsted County, Minnesota, 1950-1981. *JAMA* 1985; 254:1199-1202.
11. Beard CM, Griffin MR, Offord KP. Risk factors for sudden unexpected cardiac death in young women in Rochester, Minnesota 1960 through 1974. *Mayo Clin Proc* 1986;61:186-191.
12. Ballard-Barbash R, Griffin MR, Fisher LD, Covalciuc MA, Jiang N. Estrogen receptors in breast cancer: Association with epidemiologic risk factors. *Am J Epidemiol* 1986;124:77-84.
13. Ballard-Barbash R, Griffin MR, Wold LE, O'Fallon WM. Breast cancer incidence and survival in Rochester, Minnesota, 1935-1982. *Mayo Clin Proc* 1987; 62:192-8.
14. Ray WA, Griffin MR, Schaffner W, Baugh DK, Melton LJ. Psychotropic drugs and hip fractures. *New Engl J Med* 1987; 316:363-9.
15. Griffin MR, Bergstralh EJ, Coffey RJ, Beart RW Jr, Melton LJ. Predictors of survival after curative resection of carcinoma of the colon and rectum. *Cancer* 1987; 60:2318-2324.
16. Griffin MR, Stanson AW, Brown ML, Hauser MF, O'Fallon WM, Anderson HM, Kazmier FJ, Melton LJ. Deep venous thrombosis and pulmonary embolism. Risk of subsequent malignant neoplasms. *Arch Intern Med* 1987; 147:1907-1911.
17. Jedd MB, Melton LJ, Griffin MR, Kaufman BH, Hoffman AD, Broughton DD, O'Brien PC. Factors associated with infantile hypertrophic pyloric stenosis. *Am J Dis Children* 1988;142:334-337.
18. Beard CM, Griffin MR, Schwenk NM, Offord KP, Reiman HM. Incidence of malignant bone and joint tumors in Olmsted County, Minnesota, 1935 through 1981. *Mayo Clin Proc* 1988;63:332-336.
19. Jedd MB, Melton LJ, Griffin MR, Kaufman BH, Hoffman AD, Broughton DD, O'Brien PC. Trends in infantile hypertrophic pyloric stenosis in Olmsted County, Minnesota, 1950-84. *Paediatric and Perinatal Epidemiol* 1988;2:148-157.
20. Griffin MR, Ray WA, Livengood JR, Schaffner W. Risk of Sudden Infant Death Syndrome after immunization with the Diphtheria-Tetanus-Pertussis vaccine. *N Engl J Med* 1988;319:618-623.
21. Griffin MR, Ray WA, Schaffner W. Nonsteroidal anti-inflammatory drug use and death from peptic ulcer in elderly persons. *Annals Intern Med* 1988;109: 359-363.
22. Ray WA, Griffin MR, Downey W, Melton LJ III. Long-term use of thiazide diuretics and risk of hip fracture. *Lancet* 1989;I:687-690.

23. Ray WA, Griffin MR. Use of Medicaid data for Pharmacoepidemiology. *Am J Epidemiol* 1989;129:837-849.
24. Ray WA, Griffin MR, Downey, W. Benzodiazepines of long and short elimination half-life and the risk of hip fracture. *JAMA* 1989;262:3303-3307.
25. Ray WA, Griffin MR, West R, Strand L, Melton LJ III. Incidence of hip fracture in Saskatchewan, Canada, 1976-1985. *Am J Epidemiol* 1990;131: 502-509.
26. Griffin MR, Ray WA, Fenichel GM, Mortimer EA, Schaffner W. Risk of seizures and encephalopathy after immunization with the diphtheria-tetanus-pertussis vaccine. *JAMA* 1990;263:1641-1645.
27. Piper JM, Ray WA, Griffin MR, Fought R, Daugherty JR, Mitchel E Jr. Methodologic issues in evaluating expanded Medicaid coverage for pregnant women. *Am J Epidemiol* 1990;132:561-571.
28. Piper JM, Ray WA, Griffin MR. The effects of Medicaid eligibility expansion on prenatal care and pregnancy outcome *JAMA* 1990;264:2219-2223.
29. Ray WA, Griffin MR, Baugh DK. Mortality following hip fracture before and after implementation of the prospective payment system. *Arch Intern Med* 1990;150:2109-2114.
30. Ray WA, Griffin MR, Malcolm E. Cyclic antidepressants and the risk of hip fracture. *Arch Intern Med* 1991;151:754-756.
31. Griffin MR, Piper JM, Daugherty JR, Snowden M, Ray WA. Nonsteroidal anti-inflammatory drug use and hospitalization for peptic ulcer in elderly persons. *Ann Intern Med* 1991;114:257-263.
32. Griffin MR, Ray WA, Mortimer EA, Fenichel GM, Schaffner W. Risk of seizures after measles-mumps-rubella immunization. *Pediatrics* 1991;88:881-885.
33. Piper JM, Ray WA, Daugherty JR, Griffin MR. Corticosteroid use and peptic ulcer disease: the importance of nonsteroidal anti-inflammatory drugs. *Ann Intern Med* 1991;114:735-740.
34. Wenger JD, Pierce R, Deaver KA, Plikaytis BD, Facklam RR, Broome CV, The Hemophilus Influenza Vaccine Efficacy Study Group (including Griffin MR). Efficacy of Hemophilus influenza type b polysaccharide-diphtheria toxoid conjugate vaccine in US children aged 18-59 months. *Lancet* 1991;338:395-98.
35. Griffin MR, Taylor JA, Daughtery J, Ray WA. No increased risk for invasive bacterial infection found following diphtheria-tetanus-pertussis immunization. *Pediatrics* 1992;89:640-642.
36. Shorr RI, Griffin MR, Daugherty JR, Ray WA. Opioid analgesics and the risk of hip fracture in the elderly: codeine and propoxyphene. *J Gerontology* 1992;47:M111-M115.
37. Ray WA, Griffin MR, Fought RL, Adams ML. Identification of fractures from computerized Medicare files. *J Clin Epidemiol* 1992;45:703-714.
38. Griffin MR, Ray WA, Fought RL, Melton LJ. Black-White differences in fracture rates. *Am J Epidemiol* 1992;136:1378-1385.
39. Ray WA, Taylor JA, Meador KG, Lichtenstein MJ, Griffin MR, Fought R, Adams ML, Blazer DG. Reducing antipsychotic drug use in nursing homes: A controlled trial of provider education. *Arch Intern Med* 1993;153:713-721.
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