

**CURRICULUM VITAE**

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**LICENSURE 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-present Professor, Departments of Preventive Medicine and Medicine, Vanderbilt University School of Medicine, Nashville, TN  
2002-present Staff Physician, GRECC VA Tennessee Valley Healthcare System

**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-  
Search Committee, Health Policy 2013-  
Director, MPH Program 2014-  
School of Medicine Honor Code Committee 2014  
School of Medicine, Medical School Entry Requirements Committee 2014

### **National:**

#### ***Institute of 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

#### ***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

#### ***Food and Drug Administration:***

Arthritis Advisory Committee- Invited Speaker 1995  
Nonprescription Drugs Advisory Committee – Invited Speaker 2002

Nonprescription Drugs Advisory Committee, 2006—2009

**Centers for Medicaid and Medicare Services:**

Medicare Evidence Development and Coverage Advisory Committee 2010-2012

**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

**Grant Reviews:**

**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)

**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

3<sup>rd</sup> 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

1987-1992 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 Little 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 ACTS 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

**TEACHING ACTIVITIES:**

- Master in Public Health Program: 1996-2009, Course Director: Epidemiology 1  
1996-2006 Course Director: Environmental Health  
1996—present, thesis mentor  
2007—present, Course Director: Public Health Practicum  
2011—2013 Director, Epidemiology Track  
2011—present, Executive Committee  
2014—present, Director
- 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—present, research area head, epidemiology section
- Medicine residents and students: 1990-2010 clinic supervision  
1990-present: inpatient attending, resident didactics

**RESEARCH SUPPORT**

**HHS290201000016I DEcIDE 2, TO2 (Griffin)**  
**AHRQ**

**9/30/2010-9/29/2013**  
**No cost extension through 2016**

Treatment Intensification in Type 2 Diabetes Mellitus  
This project use VA national data to address the comparative effectiveness of specific DM treatments in reducing cardiovascular or kidney disease.

**11-IPA-1110211 (Griffin)**  
**CDC**

**9/1/2011-8/31/2014**

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)**  
**NIH**

**8/1/2009-7/31/2013**  
**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.

**1R01AG043471-01A1 (Grijalva)**  
**NIH/NIA**

**08/01/13– 06/30/18**

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.

Role: Co-Investigator

**1RO1AG043419-01 (Talbot)**

**07/01/13 – 06/30/16**

**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. Recent work has shown that more is needed to be known about influenza vaccine effectiveness in older adults and the methodology used to determine that vaccine effectiveness. 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.

Role: Co-Investigator

**R-1306-04869 (Rothman)**

**12/01/2013 – 11/30/2018**

**PCORI**

The Mid-South Clinical Data Research Network

The PCORI CDRN will allow us to: 1) expand our data research network from our existing network to our broader VHAN which will include 32 hospitals and over 500 ambulatory practices covering over 3 million lives in the mid-South; 2) expand our data research network to include Greenway, which includes over 24 million lives; 3) expand and optimize patient facing tools for direct collection of patient related data, including attitudes, behaviors, satisfaction, quality, adverse events, and outcomes; and, 4) improve our current tools for creating data integration and interoperability between the network's hospitals and ambulatory practices.

Role: Co-Investigator

**5U50 CK000198-02 (Schaffner)**

**1/1/2012-12/31/2017**

**State of Tennessee**

**Emerging Infections Program**

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 site lead for two multisite projects: surveillance for pneumonia using the State Hospital Discharge Database to evaluate the impact of pneumococcal conjugate vaccines, and HPV IMPACT, to evaluate the impact of HPV vaccines.

Role: Co-Principal Investigator

**COMPLETED**

**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**  
 Effectiveness of Neuraminidase Inhibitors among Adults  
 RTI (Research Triangle Institute)  
 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 in order to determine age-specific rates of influenza-associated hospitalizations and emergency department visits 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  
 Epidemiologic studies to characterize the burden of pneumonia on the US health care system, to monitor changes in the incidence of pneumonia after the introduction of PCV7, monitor seasonal changes in pneumonia and other pneumococcal diseases.

**HSA290-2005-0042-1-TO2-WA4 (Griffin)** **9/1/2008-4/30/2011**  
 AHRQ

Knowledge Gaps in Type 2 Diabetes

Therapeutics: Comparative Effectiveness & Safety of Oral Antidiabetic Drugs

This was a study of the comparative effectiveness of first line treatments for type 2 diabetes on cardiovascular and kidney outcomes.

**HHSA290-2005-0042-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

This study assessed 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

This Center supported infrastructure development for comparative effectiveness research at the VA and supported 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.

**1R03 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 County 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 &amp; 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, Bergstrahl 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, Daugherty 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.
40. Shorr RI, Ray WA, Daugherty JR, Griffin MR. Concurrent use of nonsteroidal anti-inflammatory drugs and oral anticoagulants places elderly persons at high risk for hemorrhagic peptic ulcer disease. *Arch Intern Med* 1993;153:1665-1670.
41. Shorr RI, Ray WA, Daugherty JR, Griffin MR. Reserpine reconsidered: no association with serious peptic ulcer disease. *J Gen Intern Med* 1993;8:510-512.
42. Cowan LD, Griffin MR, Howson CP, Katz M, Johnston RB, Shaywitz BA, Fineberg HV. Acute encephalopathy and chronic neurological damage after pertussis vaccine. *Vaccine* 1993;11:1371-1379.
43. Ray WA, Griffin MR, Avorn J. Evaluating drugs after their approval for clinical use. *Sounding Board. N Engl J Med* 1993;329:2029-2032.
44. Puett DW, Griffin MR. Nonmedicinal and noninvasive therapies in osteoarthritis of the hip and knee. *Annals Intern Med* 1994;121:133-140.
45. Lichtenstein MJ, Griffin MR, Cornell JE, Malcolm E, Ray WA. Risk factors for hip fractures occurring in the hospital. *Am J Epidemiol* 1994;140:830-838.
46. Griffin MR, Daugherty JR, Reed GW, Standaert SM, Hutchins SS, Hutcheson RH, Schaffner W. Immunization coverage among infants enrolled in the Tennessee Medicaid Program. *Arch Ped Adol Med*; 1995;149:559-564.
47. Smalley WE, Ray WA, Daugherty JR, Griffin MR. Nonsteroidal anti-inflammatory drugs and the incidence of hospitalizations for peptic ulcer disease in elderly persons. *Am J Epidemiol*; 1995;141:539-545.
48. Smalley WE, Griffin MR, Fought RL, Sullivan L, Ray WA. Effects of a prior-authorization requirement on the use of nonsteroidal antiinflammatory drugs by Medicaid patients. *N Engl J Med*; 1995;332:1612-1617.
49. Smalley WE, Griffin MR, Fought RL, Ray WA. Excess costs from gastrointestinal disease associated with nonsteroidal anti-inflammatory drugs. *J Gen Intern Med* 1996;11:461-469.
50. Burkhart GA, Griffin MR, Ray WA, Brown N, Hammerstrom T, Freiman JP, Farrell S. Risk of angioedema in black and white Medicaid recipients exposed to ACE inhibitors. *Pharmacoepidemiol Drug Safety* 1996;5:149-154.
51. Griffin MR, Smalley WE. Drugs and ulcers: Clues about mucosal protection from epidemiologic studies. *J Clin Gastroenterol* 1995;21 (Suppl 1): S113-119.
52. Griffin MR, Brandt KD, Liang MH, Pincus T, Ray WA. Practical management of osteoarthritis. Integration of pharmacologic and nonpharmacologic measures. *Arch Fam Med* 1995;4:1049-1055.
53. Shorr RI, Ray WA, Daugherty JR, Griffin MR. Individual sulfonyleureas and serious hypoglycemia in the elderly. *J Am Geriatr Soc* 1996;44:751-755.
54. Brown NJ, Ray WA, Snowden M, Griffin MR. Black Americans have an increased rate of angiotensin converting enzyme inhibitor-associated angioedema. *Clin Pharmacol Therap* 1996;60:8-13.
55. Henry D, Lim LL-Y, Garcia Rodriguez LA, Perez Gutthann S, Carson JL, Griffin MR, Savage R, Logan R, Moride Y, Hawkey C, Hill S, Fries JT. Variability in risk of gastrointestinal complications with

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#### ***Editorials, Books, Book Chapters, Letters, Invited Articles***

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