

Annual Report

Research Projects Publications & Presentations Conference and Seminars

July 1, 2004 – June 30, 2005



*Center for Health Policy and Research
College of Public Health
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COLLEGE OF PUBLIC HEALTH
Department of Health Management and Policy

Dear Colleagues,

It is our pleasure to share this sixth Annual Report for the Center for Health Policy and Research (CHPR). This annual report covers the academic year from July 1, 2004 through June 30, 2005.

This year the Center supported 21 Center Associates who used CHPR as their base for research activities. In addition, 12 Center Affiliates and 19 Graduate Research Assistants received salary support from research projects based in the Center. The 23 funded research projects located in CHPR had total direct costs of \$11,856,336 over the life of those projects. In addition to descriptions of these projects, other funded research projects for Center Associates are listed.

The results of this research were disseminated through 74 publications and 50 presentations.

The Center supports the Department of Health Management and Policy doctoral program and offers weekly educational activities. This annual report lists the Seminar Series, Journal Club, and Research Updates presentations this past academic year. The Center co-sponsored a conference in Des Moines – the Long-Term Living Town Meeting.

As you will see from this annual report, the CHPR Associates, Affiliates, and Graduate Research Associates are working on a number of significant health policy and research issues. We hope you find this report useful.

Sincerely yours,

Fredric D. Wolinsky, Ph.D.
Director

Marcia M. Ward, Ph.D.
Deputy Director



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CENTER ASSOCIATES*
July 1, 2004 to June 30, 2005

Rachel Anderson, Ph.D.	Department of Health Management and Policy
Christopher Atchison, M.P.A.	Department of Health Management and Policy
James Bahensky, M.S.	Department of Health Management and Policy
Mary Gilchrist, Ph.D.	Department of Health Management and Policy
Barry Greene, Ph.D.	Department of Health Management and Policy
Brian Kaskie, Ph.D.	Department of Health Management and Policy
Donna Katen-Bahensky, M.S.	Department of Health Management and Policy
Samuel Levey, Ph.D.	Department of Health Management and Policy
Jeffrey Meier, M.D.	Department of Internal Medicine
Robert Ohsfeldt, Ph.D.	Department of Health Management and Policy
Lawrence Prybil, Ph.D.	Department of Health Management and Policy
Gerard Rushton, Ph.D.	Department of Geography
Audrey Saftlas, Ph.D.	Department of Epidemiology
John Schneider, Ph.D.	Department of Health Management and Policy
James Torner, Ph.D.	Department of Epidemiology
Tanya Uden-Holman, Ph.D.	Department of Health Management and Policy
Thomas Vaughn, Ph.D.	Department of Health Management and Policy
Douglas Wakefield, Ph.D.	Department of Health Management and Policy
Marcia Ward, Ph.D.	Department of Health Management and Policy
Jörg Westermann, Ph.D.	Department of Health Management and Policy
Fredric Wolinsky, Ph.D.	Department of Health Management and Policy

* Center Associates include faculty who are principal investigators on research projects based in the Center for Health Policy and Research.

**CENTER AFFILIATES **
July 1, 2004 to June 30, 2005**

Marc Armstrong, Ph.D.	Department of Geography
David Bennett, Ph.D.	Department of Geography
Elizabeth Chrischilles, Ph.D.	Department of Epidemiology
Bradley Doebbeling, M.D., M.S.	Indiana University
Josephine Gittler, J.D.	College of Law
Arthur Hartz, M.D., Ph.D.	Department of Family Medicine
Paul James, M.D.	Department of Family Medicine
Claire Pavlik, Ph.D.	Department of Geography
Jane Pendergast, Ph.D.	Department of Biostatistics
Richard Scheffler, Ph.D.	University of California, Berkeley
Bonnie Wakefield, R.N., Ph.D.	Iowa City VA
Dale Zimmerman, Ph.D.	Department of Statistics and Actuarial Science/Biostatistics

** Center Affiliates include faculty who receive a portion of salary support from research projects based in the Center for Health Policy and Research.

GRADUATE RESEARCH ASSISTANTS ***
July 1, 2004 to June 30, 2005

Adaeze Akamigbo	Department of Health Management and Policy
Veerasathpurush Allareddy	Department of Health Management and Policy
Carolyn Bertling	Department of Health Management and Policy
Nicole Gatens	Department of Health Management and Policy
Sara Hill	Department of Health Management and Policy
Belinda Horaney	Department of Health Management and Policy
Sara Imhof	Department of Health Management and Policy
Scott Kallemeyn	Department of Health Management and Policy
Pengxiang Li	Department of Health Management and Policy
Junlin Liao	Department of Health Management and Policy
Bren Lowe	Department of Health Management and Policy
Thomas Miller	Department of Health Management and Policy
Qian Qiu	Department of Health Management and Policy
Lance Roberts	Department of Health Management and Policy
Kari Steinkamp	Department of Health Management and Policy
Smurti Vartak	Department of Health Management and Policy
Julie Wagner	Department of Health Management and Policy
Lora Washington	Department of Health Management and Policy
Teonta Williams	Department of Health Management and Policy

*** Graduate Research Assistants are students in masters and Ph.D. programs who receive a portion of salary support from research projects based in the Center for Health Policy and Research.

**RESEARCH PROJECTS WITH CHPR ASSOCIATES AS PRINCIPAL INVESTIGATORS
July 1, 2004 to June 30, 2005**

Title: "Midwest AIDS Training and Education Center"
Source: Health Resources and Services Administration through the University of Illinois
Principal Investigator: Jeffrey Meier
Direct funds: \$1,212,342
Period of funding: 1988 – 2004
Description: This project conducts training programs and disseminates expert, up-to-date information on HIV/AIDS. Over its 16 years, it has offered thousands of programs and is responsive to the needs, challenges, and concerns of all types of healthcare providers.

Title: "Analysis of Doctors of Chiropractic and MD Primary Care Physicians Interprofessional Referral Patterns"
Source: National Institutes of Health/National Center for Complementary and Alternative Medicine
Principal Investigator: Barry Greene
Direct funds: \$250,000
Period of funding: 2001 – 2004
Description: This is an exploratory study to look at the bi-directional referral patterns between chiropractors and primary care practitioners in Iowa. That is being measured with the progressive refinement of a survey instrument that is being developed with Palmer and with the assistance of some seasoned researchers at Western States Chiropractic College in Oregon. Focus groups are being used throughout the two years. The research with the most direct bearing on this study shows that the majority of chiropractors see themselves as primary care providers.

Title: “Domestic Abuse in Pregnancy and Adverse Birth Outcomes”
Source: National Institutes of Health/NICHD
Principal Investigator: Audrey Saftlas
Direct funds: \$1,172,510
Period of funding: 2001 – 2005
Description: This project is a population-based case-control study of Iowa women. The goal is to determine if domestic violence and prenatal stress increase the risk of preterm delivery and intrauterine growth retardation.

Title: “Maternal-Fetal HLA Sharing and Risk of Preeclampsia”
Source: Association of Schools of Public Health
Principal Investigator: Audrey Saftlas
Direct funds: \$1,564,614
Period of funding: 2001 – 2005
Description: This project is a population-based case-control study of Iowa women. The goal is to determine if maternal-fetal HLA sharing is a risk factor for preeclampsia.

Title: “Medical Group Market Structure in California: Preliminary Analysis”
Source: Center on Health Care Markets and Consumer Welfare;
University of California, Berkeley
Principal Investigator: John Schneider
Key Personnel: Richard Scheffler
Direct funds: \$10,966
Period of funding: 2002 – 2004
Description: This is a pilot grant to study the relationships between medical group and health plan market structure. The study develops a unique database on California medical groups and health plans. Analyses include the effects of medical group and health plan market structure on physician expenditures and on health plan profit rates.

- Title: “Intensive Care Coordination for Children with Special Needs”
Source: University of Iowa Hospital Schools
Principal Investigator: Rachel Anderson
Direct funds: \$5,500
Period of funding: 2002 – 2004
Description: This evaluation compared clinical outcomes associated with a new case management approach to service delivery for children with psychiatric difficulties and their families as compared to the usual care of a general referral service.
- Title: “A GIS-Based Workbench to Interpret Cancer Maps”
Source: National Institutes of Health/National Cancer Institute
Principal Investigator: Gerard Rushton
Key Personnel: Barry Greene, Marc Armstrong, David Bennett, Elizabeth Chrischilles, Bradley Doebbeling, Claire Pavlik, Jane Pendergast, Michele West
Direct funds: \$905,505
Period of funding: 2002 – 2006
Description: This research will develop and test a methodology for identifying regions of excess cancer burden for breast and colorectal cancer in Iowa. It will refine measures of geographic access to cancer prevention, treatment, and screening services in Iowa by computing values using fine-scaled geographic data on individuals, the spatial choices for individuals, and the locations of service providers.
- Title: “Integrating Rural Health Services for Adolescents”
Source: National Institute on Drug Abuse
Principal Investigator: Rachel Anderson
Direct funds: \$50,000
Period of funding: 2003 – 2004
Description: This research examined the clinical and psychosocial characteristics of 300 adolescents who sought mental health and/or substance use specialty services. The objective of this research is to examine whether specific clinical and non-clinical characteristics can distinguish adolescents with co-occurring disorders most likely to achieve positive clinical outcomes from those not able to benefit meaningfully across integrated and non-integrated treatment settings.

Title: "Identification of Clinically Relevant Changes in HRQoL"
Source: St. Louis University/Agency for Healthcare Research and Quality
Principal Investigator: Fredric Wolinsky
Key Personnel: K.W. Wyrwich, W.M. Tierney, A.N. Babu, K. Kroenke, D.M. Smith, J. Daly
Direct funds: \$2,536,853
Period of funding: 2003 – 2004
Description: This is a measurement study of the SF-36 generic health related quality of life measure and three disease-specific health-related quality of life measures commonly used in COPD, CAD/CHF, and asthma. 1,662 patients were enrolled at two major medical centers. Extensive telephone interviews were conducted at baseline, and bimonthly over one-year of follow-up. The principal objective is to establish and triangulate patient, expert physician, and primary care physician estimates of clinically important differences in health related quality of life over time.

Title: "The Real Choices Initiative: Developing a Screening and Assessment Process for Older Iowans"
Source: Centers for Medicare and Medicaid
Principal Investigator: Brian Kaskie
Key Personnel: Rachel Anderson
Direct funds: \$67,465
Period of funding: 2003 – 2005
Description: This research will document the institutional bias that affects where older Iowans receive long-term care services. The project also will evaluate and pilot a clinical screening process that allows older adults to have "real choices" in how and where they will receive long-term care services. As a part of the Iowa Real Choices Initiative, a screening and assessment process will be developed for older adults in need of long-term care services. The goal in developing and disseminating a statewide screening and assessment process is to prevent unwanted institutionalization among older adults in need of long-term care. The process specifically will help older Iowans identify appropriate and affordable home and community-based alternatives to residential care.

- Title: "Prostate Cancer Geocoding: Ensuring Fitness for Use"
Source: Association of Schools of Public Health/Centers for Disease Control and Prevention
Principal Investigator: Barry Greene
Key Personnel: Gerard Rushton, Marc Armstrong, Michele West, Dale Zimmerman, Josephine Gittler
Direct funds: \$338,984
Period of funding: 2003 – 2005
Description: This project focused on reviewing prostate cancer geocoding issues in relation to the geographic information science principle of "fitness for use". A meeting of experts from academe, relevant government departments, cancer registry operations, and legal practice was convened to identify key geocoding issues. An edited book is being prepared that will cover the major issues identified as well as a primer on geocoding for prostate cancer control and prevention activities.
- Title: "Integrating VA Cost Data into Organizational Analyses"
Source: VA Merit Review Entry Program. Veteran's Health Administration; Health Services Research and Development
Principal Investigator: John Schneider
Key Personnel: Robert Ohsfeldt
Direct funds: \$147,000
Period of funding: 2003 – 2006
Description: This is a career award to build a research agenda on integrating clinical, economic, and organizational data within the VA system. The studies that will be generated focus on the clinical and organizational effects of process innovation (e.g., clinical practice guidelines) on facility and system costs. This award funding is currently assumed under the VA IIR Grant "Economic Effects of Clinical Practice Guidelines".

- Title: “Healthy Aging Policy Conference”
Source: Wellmark Foundation
Principal Investigator: Fredric Wolinsky
Direct funds: \$15,000
Period of funding: 2004
Description: The purpose of this grant was: (1) to provide a forum for focusing the discussion of re-balancing the organization, delivery, and financing of long-term care services in Iowa; (2) to have nationally recognized experts provide state-of-the-art reviews on financing, informal care-giving, quality assurance, and universal assessment and to crystallize what has and what has not worked in other States; and, (3) to stimulate development of a consensus-based plan of action in conjunction with the upcoming State legislative session.
- Title: “Developing a Computer-Based Behavioral-Health Assessment System”
Source: Magellan Behavioral Health and Polaris Health Directives
Principal Investigator: Rachel Anderson
Direct funds: \$2,220
Period of funding: 2004 – 2005
Description: This project involves the education and training of staff at programs that serve children and adolescents with mental health challenges. Program staff are trained in the use and application of a computerized system that will aide the assessment, level of care decision-making, and monitoring of children served.
- Title: “Identifying Depression in Medical/Surgical Patients”
Source: University of Iowa College of Public Health and Wellmark Blue Cross Blue Shield
Principal Investigator: Rachel Anderson
Direct funds: \$15,000
Period of funding: 2004 – 2005
Description: This funding supports a pre-doctoral fellowship in Health Services and Policy. This fellow will review and summarize the literature on the association between depression and heart failure and identify outcomes associated with this co-morbid condition.

Title: "Opening Doors for Mature Workers: Phase 1 and Phase 2"
Source: Iowa Workforce Development/U.S. Department of Labor
Principal Investigator: Brian Kaskie
Direct funds: \$75,000
Period of funding: 2004 – 2005
Description: The primary objective of the project 'Opening Doors for Mature Workers' is to describe the employment market involving older Iowans, and then apply an intervention that will help this market grow.

Title: "Joint Study of Hospital Governance and Leadership: An Assessment of QI Relationships"
Source: Island Peer Review Organization, Inc./US Department of Health & Human Services, Centers for Medicare & Medicaid Services
Principal Investigator: Samuel Levey
Key Personnel: Thomas Vaughn
Direct funds: \$149,905
Period of funding: 2004 – 2005
Description: The Three State Hospital Pilot will study the impact of hospital governance and leadership on hospital quality of care. Interviews with hospitals' board members and executive leadership will be conducted to gather information about the quality structures and processes in place at 20 hospitals in New York and Iowa. These structures and processes will be analyzed in relation to hospital and system performance on objective quality measures so as to identify and encourage those characteristics most likely to improve the clinical performance of hospitals.

Title: "Physical Frailties in Urban African Americans"
Source: Indiana University/National Institutes of Health
Principal Investigator: Fredric Wolinsky
Direct funds: \$144,279
Period of funding: 2004 – 2006
Description: The objective of this study is to continue annual follow-ups of the 865 surviving members of the original random sample of 998 middle aged African Americans living in two geographic areas of St. Louis, Missouri. The project focuses on three specific aims: 1) investigate further the timing, antecedents, sequence, and consequences of the disablement process; 2) study recovery from disablement; and 3) examine longitudinally the antecedents and consequences of sarcopenia.

Title: "Economic Effects of Clinical Practice Guidelines"
Source: Veterans Health Administration Health Services Research and Development
Principal Investigator: John Schneider
Key Personnel: Robert Ohsfeldt, Rachel Anderson, Thomas Vaughn
Direct funds: \$733,150
Period of funding: 2004 – 2006
Description: The primary goal of this project is to determine the extent to which the adoption and implementation of clinical practice guidelines leads to changes in the costs of providing care within a healthcare system. The main objective is to statistically evaluate the effect of two clinical practice guidelines on treatment costs in the VA healthcare utilization patterns and treatment costs. The economic effects of two national VA clinical practice guidelines, diabetes mellitus (DM) and major depressive disorder (MDD), will be studied. These were disseminated to VAMC directors in FY98 for system wide implementation. Extensive data on organizational factors, implementation approaches, and efforts to improve quality are available.

Title: "Health Information Technology Value in Rural Hospitals"
Source: Agency for Healthcare Research and Quality
Principal Investigator: Marcia Ward
Key Personnel: James Bahensky, Paul James, Arthur Hartz, Robert Ohsfeldt, Tanya Uden-Holman, Thomas Vaughn, Bonnie Wakefield, Douglas Wakefield
Direct funds: \$891,955
Period of funding: 2004 – 2007
Description: This project is designed to determine the extent of current HIT capacity in rural hospitals, the potential value of enhanced HIT use, and barriers to adoption of HIT. Using this information, decision support tools for HIT investment decisions in rural hospitals will be developed aimed at enhancing healthcare quality and patient safety.

Title: "Rural Iowa Redesign of Care Delivery with EHR Functions"
Source: Trinity Health/Agency for Healthcare Research and Quality
Principal Investigator: Douglas Wakefield (2004-2005) Marcia Ward (2005-2007)
Key Personnel: Thomas Vaughn
Direct funds: \$303,524
Period of funding: 2004 – 2007
Description: This project is an evaluation of the implementation of a comprehensive, integrated EHR system with CPOE and clinical decision support tools in a rural referral hospital in Iowa. Change in medication errors, use of evidence-based practices, and patient/provider satisfaction are being assessed as part of a multimodel evaluation.

Title: "Health and Health Services Use in the HRS/AHEAD"
Source: National Institutes of Health
Principal Investigator: Fredric Wolinsky
Key Personnel: Robert Ohsfeldt
Direct funds: \$1,250,433
Period of funding: 2004 – 2009
Description: The objective of this study is an in-depth examination of the health and health services use of the 7,447 HRS/AHEAD respondents aged 70 years old or older at baseline. Public use data are being analyzed from the baseline (1993) and the 1995, 1998, 2000, 2002, and 2004 follow-up interviews merged with data from three of the restricted access files: Medicare claims, National Death Index, and geocodes. One goal is to address the role of market structures and supply factors on the use of health services for older adults, including oversamples of African Americans and Hispanics.

Title: "U of I College of Public Health HMP Doctoral Student Data Analysis Projects 2005 - AHRQ Inpatient, Safety and Prevention Quality Reports"
Source: Iowa Hospital Association
Principal Investigator: Marcia Ward
Direct funds: \$14,131
Period of funding: 2005
Description: This project supports an HMP doctoral student to conduct analysis of the AHRQ patient safety indicators and the inpatient quality indicators. These analyses will be used by the Iowa Healthcare Collaborative for public reporting of hospital quality.

**OTHER RESEARCH PROJECTS SUPPORTING CHPR ASSOCIATES
July 1, 2004 to June 30, 2005**

Title: "Laboratory Appraisal Program for CLIA-88 Compliance and Certification"
Source: Iowa Department of Inspections and Appeals/Health Care Financing Administration
Principal Investigator: Mary Gilchrist
Direct funds: \$3,636,534
Period of funding: 1993 – 2005

Title: "Hygienic Laboratory Funding"
Source: Iowa Department of Public Health/Centers for Disease Control and Prevention
Principal Investigator: Mary Gilchrist
Direct funds: \$10,171,014
Period of funding: 1993 – 2005

Title: "Physical Frailty in Urban African Americans"
Source: National Institute on Aging
Principal Investigator: D.K. Miller
Center Investigator: Fredric Wolinsky
Direct funds: \$5,613,340
Period of funding: 1999 – 2005

Title: "Improving the Research Infrastructure of Family Medicine and General Internal Medicine"
Source: Health Resources and Services Administration
Principal Investigator: Cynda Johnson
Center Investigators: Thomas Vaughn, Marcia Ward
Direct funds: \$574,000
Period of funding: 2000 – 2004

Title: "Epidemiology and Laboratory Capacity for Infectious Diseases"
Source: Iowa Department of Public Health/CDC
Principal Investigator: Lucy Desjardin
Center Investigator: Mary Gilchrist
Direct funds: \$2,465,692
Period of funding: 2000 – 2006

Title: "Iowa Center for Public Health Preparedness"
Source: Association of Schools of Public Health
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman, Jörg Westermann
Direct funds: \$2,510,537
Period of funding: 2001 – 2004

Title: "Upper Midwest Public Health Training Center"
Source: Health Resources and Services Administration
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman, Jörg Westermann
Direct funds: \$2,075,125
Period of funding: 2001 – 2006

Title: "U.S. Surveillance for Influenza Viruses from Respiratory Specimens Obtained from Infants"
Source: Centers for Disease Control and Prevention
Principal Investigator: Mary Gilchrist
Direct funds: \$71,437
Period of funding: 2002 – 2004

Title: "North Central States Regional Laboratory for Public Health Preparedness"
Source: Centers for Disease Control and Prevention
Principal Investigator: Mary Gilchrist
Direct funds: \$808,345
Period of funding: 2002 – 2004

Title: "Public Health Preparedness and Response for Bioterrorism-Laboratory Capacity: Biological Agents, Chemical Agents, and HRSA"
Source: Iowa Department of Public Health/Centers for Disease Control and Prevention
Principal Investigator: Michael Pentella
Center Investigator: Mary Gilchrist
Direct funds: \$5,625,608
Period of funding: 2002 – 2005

Title: "Real Choices: Systems Change Grant for Community Living"
Source: Iowa Department of Human Services/National Institutes of Health
Principal Investigator: Robert Bacon
Center Investigator: Brian Kaskie
Direct funds: \$1,282,408
Period of funding: 2002 – 2005

Title: "Step-Up: Integrating Tobacco into a Public Health Curriculum"
Source: Association of Schools of Public Health and the American Legacy Foundation
Principal Investigator: John Lowe
Center Investigators: Rachel Anderson, Christopher Atchison
Direct funds: \$136,889
Period of funding: 2002 – 2005

Title: "Improving the Health of Rural Iowans through Nutrition and Exercise"
Source: Centers for Disease Control and Prevention
Principal Investigator: John Lowe
Center Investigator: John Schneider
Direct funds: \$1,357,379
Period of funding: 2002 – 2009

Title: "Educational Outreach Program Series for Calendar Year 2004"
Source: Wellmark, Inc.
Principal Investigator: Lawrence Prybil
Direct funds: \$25,000
Period of funding: 2003 – 2004

Title: "Comparative Study of Governing Boards in High-Performing Not-For-Profit Hospitals"
Source: Consortium including W. K. Kellogg Foundation, Witt/Kieffer, Sullivan, Cotter and Associates, Jennings, Ryan and Kolb, and HRET
Principal Investigator: Lawrence Prybil
Center Investigator: Samuel Levey
Direct funds: \$110,000
Period of funding: 2003 – 2005

Title: "Public Health Traineeship Grant"
Source: Health Resources and Services Administration
Principal Investigator: Tanya Uden-Holman
Direct funds: \$49,346
Period of funding: 2003 – 2006

Title: "Development of an Academic Health Department in Iowa"
Source: Centers for Disease Control and Prevention through
Association of Schools of Public Health
Principal Investigator: Christopher Atchison
Center Investigators: Tanya Uden-Holman, Jörg Westermann
Direct funds: \$92,593
Period of funding: 2004 – 2005

Title: "Educational Outreach Program Series for Calendar Year 2005"
Source: Wellmark, Inc.
Principal Investigator: Lawrence Prybil
Direct funds: \$29,500
Period of funding: 2004 – 2005

Title: "Effectiveness of Care Coordination in Managing Medically
Complex Patients"
Source: VA Health Services Research & Development
Principal Investigator: Bonnie Wakefield
Center Investigator: Robert Ohsfeldt
Direct funds: \$500,000
Period of funding: 2004 – 2007

Title: "Center for Research in the Implementation of Innovative
Strategies in Practice (CRIISP)"
Source: Veterans Administration Health Services Research and
Development
Principal Investigator: Gary Rosenthal
Center Investigators: Fredric Wolinsky, Marcia Ward, Thomas Vaughn,
Robert Ohsfeldt
Direct funds: \$3,600,000
Period of funding: 2004 – 2009

Title: "Upper Midwest Center for Public Health Preparedness"
Source: Centers for Disease Control and Prevention
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman, Jörg Westermann
Direct funds: \$5,630,395
Period of funding: 2004 – 2009

Title: "Gerontological Nursing Interventions Research Center"
Source: National Institutes of Health
Principal Investigator: Toni Tripp-Reimer
Center Investigator: Fredric Wolinsky
Direct funds: \$1,592,741
Period of funding: 2004 – 2009

Title: "The Iowa Coalition on Mental Health and Aging"
Source: Iowa Department of Human Services/Substance Abuse and
Mental Health Services Administration
Principal Investigator: Kathleen Buckwalter
Center Investigator: Brian Kaskie
Direct funds: \$74,951
Period of funding: 2005

Title: "Medicaid and Individuals with Mental Disabilities"
Source: Nellie Ball Trust Research Fund
Principal Investigator: Josephine Gittler
Center Investigator: Rachel Anderson
Direct funds: \$20,000
Period of funding: 2005 – 2006

Title: "Assessing Workplace Health Promotion"
Source: Wellmark Foundation
Principal Investigator: John Lowe
Center Investigator: John Schneider
Direct funds: \$23,810
Period of funding: 2005 – 2006

PUBLICATIONS BY CHPR ASSOCIATES
JULY 1, 2004 to JUNE 30, 2005

Adams HP, Hacke W, Oemar B, Davalos A, Cook RA, Trouillas P, Fazekas F, Bogouslavsky J, Hilburn J, **Torner J**, Leclerc J, Shuaib A & Reid P. Emergency administration of abciximab for treatment of patients with acute ischemic stroke - Results of a randomized phase 2 trial. *Stroke*, 36(4):880-890, 2005.

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PRESENTATIONS BY CHPR ASSOCIATES
July 1, 2004 to June 30, 2005

Atchison CG. The role of the public health community in addressing the problems of youth overweight and obesity. Gateway Center, Ames, Iowa, March 2005.

Bahensky JA. Health information technology in the classroom: The strategic partnership with Cerner Corporation. 26th Annual Iowa Health Care Executive Symposium, October 2004.

Bahensky JA. Project management workshop. Spring Iowa Healthcare IT Conference - Iowa HIMSS, April 2005.

Gilchrist MJR. Co-Moderator-Crossing the species barrier: Diseases transmitted from animals to humans. American Society for Microbiology, Division Y, 2004.

Gilchrist MJR. Detection and prevention of diseases by biomonitoring. NCSL Biomonitoring Advocacy Meeting, 2004.

Gilchrist MJR. Health protection - role of the public health laboratory. Indo-U.S. Joint Working Group on Environmental and Occupational Health, 2004.

Gilchrist MJR. EMS's role in disaster preparedness. 3rd Annual EMS Leadership Conference, 2004.

Gilchrist MJR. Interdependencies snapshot - healthcare/public health. Iowa Business Council's Conference on Iowa Partnership for Homeland Security, 2004.

Gilchrist MJR. Emergence of infectious diseases and bioterrorism. 2nd Communicating Science & Technology Conference: Communicating with Policy Makers, the Press and the Public, 2004.

Gilchrist MJR. Microbial threats to health. Sigma Xi John Deere Chapter, 2004.

Gilchrist MJR. Emerging infectious diseases and bioterrorism: New diseases, new risks. Iowa Funeral Directors Association Annual Conference, 2004.

Gilchrist MJR. Bioterrorism: Close encounters of the lab kind. University of Iowa College of Public Health Grand Rounds, 2004.

Gilchrist MJR. Regarding the university hygienic laboratory's centennial celebration and what the university hygienic laboratory does. WSUI Radio, Iowa City, IA, 2004.

Gilchrist MJR. University of Iowa hygienic laboratory's centennial celebration and plans for a new building. Coralville, Iowa Noon Chamber of Commerce Meeting, 2004.

Gilchrist MJR. Terrorism comes in many flavors. Iowa City, Iowa Noon Kiwanis, 2004.

Gilchrist MJR. Research opportunities and the need for a new building for the University of Iowa hygienic laboratory. University of Iowa College of Public Health Council, 2004.

Gilchrist MJR. Medical detectives-crimes of nature and man. Iowa Sheriff's Association Annual Conference, 2004.

Gilchrist MJR. Polio to SARS: Toward a century of health. Rotary Club, Des Moines, IA, 2005.

Kaskie B. Screening and assessment of long-term care needs in Iowa. The Long-Term Living Town Hall meeting, Des Moines, IA, November 2004.

Katen-Bahensky DM. Leadership in healthcare. Community Leadership Program, Chamber of Commerce, Iowa City, IA, December 2004.

Katen-Bahensky DM. Academic medical center hospitals: Challenges for the future. Reginald R. Cooper Orthopaedic Lectureship, The University of Iowa, Iowa City, IA, April 2005.

McQuistan MR, Kuthy RA, Damiano PC & **Ward MM.** General dentists' referral of children less than 3 years to pediatric dentists. National Oral Health Conference, Pittsburgh, PA, May 2005.

Ohnsfeldt RL. Potential cost savings from acute coronary syndrome treatment improvements. ISPOR, Washington, DC, May 2005.

Ohnsfeldt RL. Health preferences and willingness to pay to reduce exposure to post-menopausal risk factors. ISPOR, Washington, DC, May 2005.

Ohnsfeldt RL. Cost-effectiveness of a diabetes education program for medicaid patients. American Diabetes Association, San Diego, CA, June 2005.

Ohnsfeldt RL. Economic evaluation of a diabetes education program in medicaid patients. American Association of Diabetes Educators, Washington, DC, August 2005.

Prybil LD. Ethical challenges in the current healthcare environment. Bioethics Forum The University of Iowa, 2004.

Prybil LD. Building bridges between health management education and health management practice. Annual Convention of the Wisconsin Hospital Association Lake Geneva, WI, 2004.

Prybil LD. The UI College of Public Health: A five-year progress report. Kiwanis Club Burlington, IA, 2004.

Prybil LD. The UI College of Public Health: A five-year progress report. Des Moines, IA, Cedar Rapids, IA, Dubuque, IA, 2005.

Schneider JE. Physician market structure and antitrust issues in California. Conference on Antitrust, Petris Center, University of California Berkeley, 2004.

Schneider JE. Exploring the relationship between performance and health status in the VA system. VA Annual Conference, Health Services Research and Development, Washington, D.C, 2004.

Uden-Holman TM. Responding to the challenge of emergency preparedness: A collaborative effort to develop a statewide preparedness training plan. Annual APHA Meeting, Washington, DC, November 2004.

Uden-Holman TM. Iowa systems model for public health workforce education. Annual APHA Meeting, Washington, DC, November 2004.

Uden-Holman TM. Ten essential services of public health. Public Health Conference, Lincoln, NE, April 2005.

Uden-Holman TM. EdTrAC: A guide to recommended training courses. 2nd Annual Governor's Homeland Security Conference, Des Moines, IA, July 2005.

Wakefield DS. The "tipping point" for health information technology adoption. Iowa Hospital Association Health Information Technology Conference, Des Moines, IA, November 2004.

Wakefield DS. Iowa healthcare collaborative 30 safe practices survey all hospitals. Iowa Healthcare Collaborative Statewide Conference, Des Moines, IA, November 2004.

Ward MM. Leapfrog group standards: Implications for Iowa. Iowa Hospital Association, 2004.

Ward MM. Leapfrog group standards: Implications for Iowa. Iowa Healthcare Buyers Alliance, 2005.

Ward MM. Information technology capacity in Iowa's hospitals. Iowa Health Information Management Systems Society, 2005.

Ward MM. Severity (risk) adjustment is necessary, but not sufficient. Iowa Healthcare Buyers Alliance, 2005.

Ward MM. IT capability in Iowa's critical access hospitals. Iowa CAH Users Group, 2005.

Ward MM. AHRQ quality indicators for Iowa hospitals. Iowa Healthcare Collaborative, 2005.

Westermann J. How to reach the masses: Experiences with online and distance education technologies in a rural state. 132nd Annual Meeting of American Public Health Association, Washington, DC, November 2004.

Westermann J. Development of a competency based continuing education program for new public health administrators: An application of the Iowa systems model. 132nd Annual Meeting of American Public Health Association, Washington, DC, November 2004.

Wilson SJ, Yankey JW, **Vaughn TE**, Diekema DJ, Flach SD, **Ward MM** & Doebbeling BN. Institutional factors associated with a novel antimicrobial resistance index. Society for Healthcare Epidemiology of America Annual Meeting, April 2004.

Wolinsky FD. Subclinical status predicts incident functional limitation and disability. Annual Meeting of the Gerontological Society of America, 2004.

Wolinsky FD. Subclinical status ascertainment and subsequent adverse health outcomes. Annual Meeting of the Gerontological Society of America, 2005.

Wolinsky FD. Importance and reliability of subclinical status ascertainment in the African American health (AAH) project. Annual Meeting of the Gerontological Society of America, 2005.

EDUCATIONAL ACTIVITIES

July 1, 2004 to June 30, 2005

Weekly seminars

The Center for Health Policy and Research hosted weekly activities during the academic year. These included 7 invited seminars featuring speakers largely from outside the Center, 14 research updates and methods workshops providing an overview of recent research approaches and methods by Center associates, and 4 journal club meetings to discuss timely empirical articles involving health policy and services research.

Annual policy conference

The Center for Health Policy and Research co-sponsored a conference on November 18-19, 2004 in Des Moines. The title of the conference was “Long-Term Living Town Meeting”. It was a follow-up to previous regional and state town meetings on long-term care. Its purpose was to serve to inform the processes established to expand home and community-based services set in motion by the Senior Living Coordinating Unit, the National Governor’s Association Long-term Care Work Group, and the Long-Term Care Task Force established by the Legislative Council. Topics included financing home and community-based services, informal caregiving, quality in long-term care facilities, and long-term care screening and assessment. Keynote speakers were:

- Josh Wiener, Ph.D., Research Triangle Institute
- Maryam Navaie, Dr. P.H., Visiting Nurses Association of New York
- Vince Mor, Ph.D., Brown University
- Brant Fries, Ph.D., University of Michigan,
- David Skorton, M.D., University of Iowa
- Susan Reinhard, Ph.D., Rutgers University

The Center for Health Policy and Research received funding from the Wellmark Foundation to sponsor a session and keynote addresses by Dr. Vince Mor and Dr. Brant Fries.

INVITED SEMINAR PRESENTATIONS
July 1, 2004 to June 30, 2005

Invited Speaker	Date	Title of Presentation
Thomas Vaughn, Ph.D. Dept. of Health Management and Policy University of Iowa	October 8, 2004	What Went Right? Why and How to Study Organizations
Michael P. Jones, Ph.D. Department of Biostatistics University of Iowa	October 22, 2004	Hierarchical Modeling of Health Services Research Data
Greg Stewart, Ph.D. Department of Management and Organizations University of Iowa	November 12, 2004	Models and Approaches for Conducting Team-Level Research
Elizabeth Chrischilles, Ph.D. Department of Epidemiology University of Iowa	March 11, 2005	Comorbidity Measurement Using Existing Data
Barry Carter, Ph.D. Clinical Hospital Pharmacy College of Pharmacy University of Iowa	April 1, 2005	Research Involving Physician/Pharmacist Collaboration
Alan Christensen, Ph.D. Department of Psychology and Internal Medicine University of Iowa	April 29, 2005	Patient Adherence to Medical Regimens: Levels of Understanding and Intervention
Marita Titler, Ph.D., R.N., F.A.A.N. Department of Nursing Services and Patient Care University of Iowa	May 6, 2005	Methodological Issues in Translation Science

RESEARCH UPDATES and METHODS WORKSHOPS
July 1, 2004 to June 30, 2005

Presenter	Date	Title of Presentation
John Schneider, Ph.D. Dept. of Health Management and Policy University of Iowa	September 3, 2004	The Economic Impact of Health Insurance Premium Increases in Iowa
Marcia Ward, Ph.D. Sathpurush Allareddy, Ph.D. Student Dept. of Health Management and Policy University of Iowa	September 24, 2004	Hospital and Surgeon Volume of Procedures: Why and How to Study
Tom Miller, Ph.D. Student Dept. of Health Management and Policy University of Iowa	October 1, 2004	Longitudinal Analysis of Self-Rated Health as a Predictor of Mortality Among Older Adults: A Preliminary Look
Fredric Wolinsky, Ph.D. Dept. of Health Management and Policy University of Iowa	October 29, 2004	Establishing Clinically Important Differences (CIDs) for Health-Related Quality of Life (HRQoL) Measures
Lori Dolan, Ph.D. Department of Orthopaedics and Rehabilitation University of Iowa	November 5, 2004	Prospective Efficiency Evaluation of the Bracing in Adolescent Idiopathic Scoliosis Study: Overview of a Dissertation using the Three Paper Model
Brian Kaskie, Ph.D. Dept. of Health Management and Policy University of Iowa	December 10, 2004	The Use of Public Mental Health Services by Older Californians
Rachel Anderson, Ph.D. Fredric Wolinsky, Ph.D. Dept. of Health Management and Policy University of Iowa	January 28, 2005	The Course of One's Life: Developing a Curriculum Vitae
Marcia Ward, Ph.D. Dept. of Health Management and Policy University of Iowa	February 11, 2005	Survey of NQF 30 Safe Practices in Iowa Hospitals: Preliminary Approaches to Analysis and Drafting a Manuscript

Douglas Wakefield, Ph.D. Marcia Ward, Ph.D. Dept. of Health Management and Policy University of Iowa	February 25, 2005	Designing the Next Study: Assessing Quality of Rural Hospital Stabilize and Transfer Practices
Sara Imhof, Ph.D. Candidate Dept. of Health Management and Policy University of Iowa	March 4, 2005	Barriers to Hospital-Based Palliative Care
John Schneider, Ph.D. Rachel Anderson, Ph.D. Dept. of Health Management and Policy University of Iowa	March 25, 2005	Finding Funding: Some General Tips on Exploring Funding Opportunities and Writing Your First Competitive Grant
John Schneider, Ph.D. Dept. of Health Management and Policy University of Iowa	April 8, 2005	Issues in Statistical Analyses of Hospital Costs
Tom Miller, Ph.D. Student Dept. of Health Management and Policy University of Iowa	April 15, 2005	Self-Rated Health Trajectories and Mortality among Older Adults
Gerd Clabaugh, Ph.D. Student Dept. of Health Management and Policy University of Iowa	April 22, 2005	Methodology Employed in Cost of Illness Studies in the Research Literature

JOURNAL CLUB PRESENTATIONS
July 1, 2004 to June 30, 2005

Presenter and Discussion Leader	Date	Journal Article
Pengxiang Li, Ph.D. Student John Schneider, Ph.D. Dept. of Health Management and Policy	September 17, 2004	Prior D & Sola M. Technical Efficiency and Economies of Diversification in Health Care. Health Care Management Science, 3: 299-307, 2000
Yang Lei, Ph.D. Student Robert Ohsfeldt, Ph.D. Dept. of Health Management and Policy	November 19, 2004	Mark BA, Harless DW, McCue M & Xu Y. A Longitudinal Examination of Hospital Registered Nurse Staffing and Quality of Care. Health Services Research, 39: 279-300, 2004
Junlin Liao, Ph.D. Student James Bahensky, M.S. Dept. of Health Management and Policy	February 4, 2005	Robinson JC, Shortell SM, Li R, Casalino LP & Rundall T. The Alignment and Blending of Payment Incentives within Physician Organizations. Health Services Research, 39: 1589-1606, 2004
Adaeze Akamigbo, Ph.D. Student Tanya Uden-Holman, Ph.D. Dept. of Health Management and Policy	February 18, 2005	Lau DT, Kasper JD, Potter DEB & Lyles A. Potentially Inappropriate Medication Prescriptions among Elderly Nursing Home Residents: Their Scope and Associated Resident and Facility Characteristics. Health Services Research, 39: 1257-1276, 2004