CENTER for HEALTH POLICY and RESEARCH COLLEGE OF PUBLIC HEALTH THE UNIVERSITY OF IOWA

Center Report

Research and Educational Activities

July 1, 2005 - December 31, 2006



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COLLEGE OF PUBLIC HEALTH Department of Health Management and Policy

Dear Colleagues,

It is our pleasure to provide you with this report of the research and educational activities of the Center for Health Policy and Research (CHPR). We are changing our reporting timeframe to match the calendar year. Thus, this report covers an 18-month period from July 1, 2005 through December 31, 2006.

This report provides descriptions of the 20 funded research projects housed in the Center. Affiliated with CHPR are 21 Center Associates who use CHPR as their base for research activities. CHPR-based projects provided salary support to an additional 19 Center Affiliates and 24 Graduate Research Assistants. Also listed are other research projects, housed outside CHPR, that support Center Associates and publications and presentations during this period involving our Center Associates.

The Center supports the Department of Health Management and Policy doctoral program and offers weekly educational activities. This annual report lists the Seminar Series, Research Updates, and Methods Workshop presentations during this period. In addition, the Center co-sponsored a conference in Des Moines – the 2nd Annual Conference for Quality, Patient Safety and Value.

As you will see from this report, the CHPR Associates, Affiliates, and Graduate Research Associates are working on important health policy and research issues. We enjoy sharing news of our research and educational activities and hope you find this report useful.

Sincerely yours,

Marcia M. Ward, Ph.D.

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Director

CENTER ASSOCIATES* July 1, 2005 to December 31, 2006

Rachel Anderson, Ph.D. Department of Health Management and Policy Department of Health Management and Policy Christopher Atchison, M.P.A. James Bahensky, M.S. Department of Health Management and Policy Mary Gilchrist, Ph.D. Department of Health Management and Policy Department of Health Management and Policy Barry Greene, Ph.D. 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 Department of Health Management and Policy Lawrence Prybil, Ph.D. 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 Marcia Ward, 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, 2005 to December 31, 2006

Hyonggin An, Ph.D.

Department of Biostatistics

Marc Armstrong, Ph.D.

Department of Geography

Department of Geography

Department of Geography

Elizabeth Chrischilles, Ph.D.

Department of Epidemiology

Bradley Doebbeling, M.D., M.S. Indiana University

John Ely, M.D. Department of Family Medicine

Michael Flaum, M.D. Department of Psychiatry

Josephine Gittler, J.D. College of Law

Arthur Hartz, M.D., Ph.D.

Paul James, M.D.

Scott Lindgren, Ph.D.

Department of Family Medicine

Department of Pediatrics

Robert Ohsfeldt, Ph.D. Texas A&M University
Claire Pavlik, Ph.D. Department of Geography
Jane Pendergast, Ph.D. Department of Biostatistics

Gary Rosenthal, M.D. Department of Internal Medicine

Bonnie Wakefield, R.N., Ph.D. Harry S Truman Memorial Veterans Hospital

Douglas Wakefield, Ph.D. University of Missouri

Robert Wallace, M.D., M.Sc. Department of Epidemiology

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, 2005 to December 31, 2006

Department of Health Management and Policy Adaeze Akamigbo Veerasathpurush Allareddy Department of Health Management and Policy Carolyn Bertling Department of Health Management and Policy Kate Burgener Department of Health Management and Policy Erin Carlson Department of Health Management and Policy Beth Cook Department of Health Management and Policy Nicole Dehning Department of Health Management and Policy Jill Dinkla Department of Health Management and Policy Rob Fernandez Department of Health Management and Policy Taylor Heim Department of Health Management and Policy Sara Hill 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 Li Liu Department of Biostatistics 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 Lora Washington Department of Health Management and Policy Matthew Wyatt 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, 2005 to December 31, 2006

Title: "Midwest AIDS Training and Education Center"

Source: Health Resources and Services Administration through the

University of Illinois

Principal Investigator: Jeffrey Meier Direct funds: \$1,566,286 Period of funding: 1988 – 2007

Description: This project conducts training programs and disseminates

expert, up-to-date information on HIV/AIDS. Over its 19 years, it has offered thousands of programs and is responsive to the needs, challenges, and concerns of all types of healthcare

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 – 2007

Description: This project is a population-based case-control study of lowa

women. The goal is to determine if domestic violence and prenatal stress increase the risk of preterm delivery and

intrauterine growth retardation.

Title: "A GIS-Based Workbench to Interpret Cancer Maps" Source: National Institutes of Health/National Cancer Institute

Principal Investigator: Gerard Rushton

Key Personnel: Marc Armstrong, David Bennett, Elizabeth Chrischilles, Bradley

Doebbeling, Barry Greene, Claire Pavlik, Jane Pendergast,

Michele West

Direct funds: \$905,505 Period of funding: 2002 – 2006

Description: This research developed and tested a methodology for

identifying regions of excess cancer burden for breast and colorectal cancer in lowa. It refined measures of geographic access to cancer prevention, treatment, and screening services in lowa by computing values using fine-scaled geographic data

on individuals, the spatial choices for individuals, and the

locations of service providers.

Title: "The Real Choices Initiative: Developing a Screening and

Assessment Process for Older Iowans"

Source: Centers for Medicare and Medicaid Services

Principal Investigator: Brian Kaskie
Key Personnel: Rachel Anderson

Direct funds: \$67,465 Period of funding: 2003 – 2005

Description: This research documented the institutional bias that affects

where older lowans receive long-term care services. The project also evaluated and piloted 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 lowa Real Choices Initiative, a screening and assessment process was 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 lowans identify appropriate and affordable home and community-based

alternatives to residential care.

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 were 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: "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: Marc Armstrong, Josephine Gittler, Gerard Rushton, Michele

West, Dale Zimmerman,

Direct funds: \$509,441 Period of funding: 2003 – 2007

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: "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 studied the impact of hospital

governance and leadership on hospital quality of care. Interviews with hospitals' board members and executive leadership were conducted to gather information about the quality structures and processes in place at 20 hospitals in New York and lowa. These structures and processes were 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.

characteristics most likely to improve the clinical performance

of hospitals.

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: 2004-2007

Description: This project is a population-based case-control study of lowa

women. The goal is to determine if maternal-fetal HLA sharing

is a risk factor for preeclampsia.

Title: "Physical Frailties in Urban African Americans" Source: Indiana University/National Institutes of Health

Principal Investigator: Fredric Wolinsky

Direct funds: \$204,173 Period of funding: 2004 – 2007

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: "Health Information Technology Value in Rural Hospitals"

Source: Agency for Healthcare Research and Quality

Principal Investigator: Marcia Ward

Key Personnel: James Bahensky, John Ely, Arthur Hartz, Paul James,

Robert Ohsfeldt, Tanya Uden-Holman, Thomas Vaughn,

Bonnie Wakefield, Douglas Wakefield

Direct funds: \$901,793 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: Marcia Ward

Key Personnel: Rujuta Vidal, Douglas Wakefield

Direct funds: \$332,691 Period of funding: 2004 – 2008

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 lowa.

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: Hyonggin An, Elizabeth Chrischilles, Robert Ohsfeldt, Gary

Rosenthal, Robert Wallace

Direct funds: \$1,244,592 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/Iowa Healthcare Collaborative

Principal Investigator: Marcia Ward
Direct funds: \$48,515
Period of funding: 2005 – 2006

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 lowa Healthcare Collaborative for public reporting of hospital quality.

Title: "Iowa Care/Behavioral Health"

Source: Iowa Department of Human Services

Principal Investigator: Rachel Anderson

Key Personnel: Michael Flaum, Brian Kaskie, Scott Lindgren, Jeffrey Lobas

Direct Funds: \$18,565 Period of funding: 2005 – 2006

Description: This critical review of the literature focused on identifying a

continuum of care for adults with serious mental illness and children with serious emotional disturbance. This review documented the established guidelines for inpatient hospitalization, and factors associated with a reduction in length of stay. A critical review of the literature was also

provided to identify cost-efficient community-based alternatives that have been shown to be effective in reducing the risk of

hospitalization.

Title: "Iowa Care/Mental Health Transformation"
Source: Iowa Department of Human Services

Principal Investigator: Rachel Anderson Key Personnel: Michael Flaum

Direct Funds: \$25,201 Period of funding: 2005 – 2006

Description: The research established a continuum of care for adults and

children with serious mental illness in lowa, defined the appropriateness of placement along levels of care, identified the outcomes associated with these levels of care across cost and quality indicators, and identified factors associated with reduced length of stay for persons who had been hospitalized.

Title: "Iowa Care/Reviews of Evidence-Based Practices"

Source: Iowa Department of Human Services

Principal Investigator:

Key Personnel:

Direct Funds:

Period of funding:

James Bahensky

Marcia Ward

\$25,562

2005 – 2006

Description: A review of the literature on the effect of electronic medical

records on patient care quality was conducted. Special attention was paid to barriers that exist in rural setting and recommendations for addressing those barriers in lowa were

presented.

Title: "Primary and Mental Health Services for Rural Children"

Source: US Department of Health & Human Services

Principal Investigator: Rachel Anderson

Direct Funds: \$98,500 Period of funding: 2006 – 2007

Description: This research examines the extent to which primary physicians

recommend care along national standard guidelines for youth with Attention Deficit Hyperactivity Disorder, barriers to the recommendation of guideline concordant care and the impact on clinical and psychosocial outcomes. Further, this work examines the extent to which primary care physicians

collaborate with the specialty sector and whether collaboration

has any impact on clinical and psychosocial outcomes.

Title: "Governance in Nonprofit Community-Based Health Systems"

Source: W.K. Kellogg Foundation

Principal Investigator: Lawrence Prybil

Direct Funds: \$237,000 Period of funding: 2006 – 2008

Description: This study will examine governance structures, practices, and

culture in a group of non-profit community health systems. It will compare the existing structures, practices, and culture to emerging standards ("best practices") in the nonprofit field.

Title: "Adverse Outcomes of Dual Use of Health Systems among

Male Veterans"

Source: US Department of Health & Human Services

Principal Investigator: Fredric Wolinsky
Key Personnel: Hyonggin An
Direct Funds: \$45,000
Period of funding: 2006 – 2008

Description: This student examines the potentially adverse outcomes of dual

use of both the VHA and Medicare among older male veterans. The overall hypothesis is that dual use increases the risk of being hospitalized for ambulatory care sensitive conditions, and

increases the risk of mortality. The presumed etiologic

mechanism is the lack of continuously coordinated health care.

Title: Health Services and Outcomes in Elderly Black Women

Source: US Department of Health & Human Services

Principal Investigator: Adaeze Akamigbo

Direct Funds: \$125,648 Period of funding: 2004-2008

Description: The goal of this research project is to examine risk perceptions,

access, and outcomes of nursing home placement among Black and White older adults in the Health and Retirement Study. This pre-doctoral training grant investigates the antecedent factors that determine disparities in risk and

outcomes of nursing home placement.

OTHER RESEARCH PROJECTS SUPPORTING CHPR ASSOCIATES July 1, 2005 to December 31, 2006

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: "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: "Upper Midwest Public Health Training Center" Source: Health Resources and Services Administration

Principal Investigator: Christopher Atchison

Center Investigators: Barry Greene, Tanya Uden-Holman

Direct funds: \$2,075,125 Period of funding: 2001 – 2006

Title: "Real Choices: Systems Change Grant for Community Living" Source: lowa 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: "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: "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: "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: "Educational Outreach Program Series"

Source: Wellmark, Inc. Principal Investigator: Lawrence Prybil

Direct funds: \$54,500 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

Direct funds: \$92,593 Period of funding: 2004 – 2005

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: John Schneider, Thomas Vaughn, Marcia Ward, Fredric Wolinsky

Direct funds: \$3,600,000 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: "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

Direct funds: \$5,630,395 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

Title: "Promoting Health and Reducing Obesity in Children: A

Community-Based Planning Project in Iowa"

Source: W.K. Kellogg Foundation

Principal Investigator: Linda Snetselaar Center Investigator: Lawrence Prybil

Direct Funds: \$199,997 Period of Funding: 2006 – 2007

Title: "Iowa Care/Reviews of Evidence-Based Practices"

Source: Iowa Department of Human Services

Principal Investigator: Scott Lindgren

Center Investigators: Rachel Anderson, Brian Kaskie

Direct Funds: \$163,789 Period of funding: 2005 – 2006

PUBLICATIONS BY CHPR ASSOCIATES JULY 1, 2005 to December 31, 2006

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Andresen EM, **Wolinsky FD**, Miller JP, Wilson M-MG, Malmstrom TK, Miller DK. Cross-sectional and longitudinal risk factors for falls, fear of falling, and falls efficacy in a cohort of middle aged African Americans. <u>The Gerontologist</u>, 46: 249-257, 2006.

Andresen EM, Malmstrom TK, Miller DK, **Wolinsky FD**. Reliability and validity of observer ratings of neighborhoods. <u>Journal of Aging and Health</u>, 18: 28-36, 2006.

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Clabaugh G and **Ward MM**. Cost-of-illness studies in the USA: A systematic review of methodologies for direct cost. Value in Health, In press.

Dalston J, **Prybil L**, Berman H, Lloyd J. Transforming the accreditation of health care management education. Inquiry, 42: 320-334, Winter, 2005-2006.

Doebbeling BN, **Vaughn TE**, McCoy KD, Glassman P. Informatics implementation in the Veterans Health Administration (VHA) healthcare system to improve quality of care. JAMIA, In press.

Flanagan M, Ramanujam R, Sutherland J, **Vaughn T**, Diekema D, Doebbeling BN. Development and validation of measures to assess prevention and control of antimicrobial resistance in hospitals. <u>Medical Care</u>, In press.

Golberstein E, Liang J, Quinones A, **Wolinsky FD**. Does more health care improver health? A longitudinal analysis. <u>Journal of Aging and Health</u>, In press.

Greene BR. Ambulatory care and the six aims of the IOM report. Special Issue, <u>Journal of Ambulatory Care Management</u>, In press.

Greene BR. Chronic disease management. <u>Journal of Ambulatory Care Management</u>, 28(3): 199-200, 2005.

Greene BR and Filerman GL. Part I: Relating group practice behavior to the IOM report - Crossing the Quality Chasm. <u>MGMA Connexion</u>, In press.

Greene BR, Filerman GL, Paoulino A. Part II - The guidance system for group practice: The role of the practice care pilot. MGMA Connexion, In press.

Greene BR, Filerman GL, Paoulino A, Liao J. Reinventing CME and the role of the care pilot. <u>Journal of Ambulatory Care Management</u>, In press.

Greene BR, Smith M, Allareddy V, Haas M. Referral patterns and attitudes of primary care physicians towards chiropractors. <u>BMC-Complimentary and Alternative Medicine</u>, 1(6):5, 2006.

Imhof S, **Kaskie B**, Wyatt M. Finding the way to a better death: An evaluation of palliative care referral tools. <u>Journal of Gerontological Nursing</u>, In press.

Jaana M, **Ward MM**, Pare G, Sicotte C. Antecedents of clinical information technology sophistication in hospitals. <u>Health Care Management Review</u>, 31(4):289-299, 2006.

James PA, Li P, **Ward MM**. Comparing mortality rates in rural and urban hospitals for patients with myocardial infarction: Rethinking measures of quality of care. <u>Annals of Family Medicine</u>, In press

Kaskie B, Wallace N, Kang S, Bloom J. The Implementation of managed behavioral healthcare in Colorado and the effects on older Medicaid beneficiaries. <u>Journal of Mental Health Policy and Economics</u>, 9(1):15-24, 2006.

Kroch E, **Vaughn T**, Koepke M, Roman S, Foster D, Sinha S, **Levey S**. Hospital boards and quality dashboards. <u>Journal of Patient Safety</u>, 2(1):10-19, 2006.

Kroenke K, Wyrwich KW, Tierney WM, Babu AN, **Wolinsky FD**. Measuring patient and clinician perspectives to evaluate change in health-related quality of life among patients with chronic obstructive pulmonary disease. <u>Journal of General Internal Medicine</u>, In press.

Levey S, **Vaughn TE**, Koepke M, Moore D, Lehrman W, Sinha S. Hospital leadership and quality improvement: Rhetoric versus reality. <u>Journal of Patient Safety</u>, In press.

Loftis AD, Gill JS, Schriefer ME, Levin ML, Eremeeva ME, **Gilchrist MJ**, Dasch GA. Detection of rickettsia, borrelia, and bartonella in carios kelleyi in lowa. <u>J. Med Entomol</u>. 42(3): 473-480, 2005.

McCann JJ, Hebert LE, Li Y, **Wolinsky FD**, Gilley DW, Aggarwal NT, Miller JM, Evans DA. The effect of adult day care services on time to nursing home placement in older adults with Alzheimer's disease. The Gerontologist, 45: 754-763, 2005.

McQuistan MR, Kuthy RA, Damiano PC, **Ward MM.** General dentists referral of children less than 3 years to pediatric dentists. <u>Pediatric Dentistry</u>, 27:277-283, 2005.

McQuistan MR, Kuthy RA, Damiano PC, **Ward MM**. General dentists referral of 3 to 5 year old children to pediatric dentists. <u>Journal of the American Dental Association</u>, 137: 653-660, 2006.

Metz SM, Wyrwich KW, Babu AN, Kroenke K, Tierney WM, **Wolinsky FD**. A Comparison of traditional, Rasch, and graded response cut points for clinically important change in health-related quality of life among patients with asthma, heart, and lung disease. <u>Quality of Life Research</u>, In press.

Miller DK, Andresen EM, Malmstrom TK, Miller JP, **Wolinsky FD**. Test-retest reliability of subclinical status for functional limitation and disability. <u>Journal of Gerontology: Social Sciences</u>, 61B: S52-S56, 2006.

Miller TR and **Wolinsky FD**. Self-rated health trajectories and mortality among older adults. <u>Journal of Gerontology: Social Sciences</u>, In press.

Prybil L. Basic characteristics of effective boards. <u>Trustee</u>, 59:20-23, March 2006.

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Prybil L. Nursing involvement in hospital governance. <u>Journal of Nursing Care Quality</u>, In press.

Prybil L. Hospital performance: Does boardroom culture make a difference? <u>Health</u> Research and Education Trust On-Line Research Series, In press.

Roberts L, Ely J, **Ward MM.** Factors contributing to maternal birth-related trauma. <u>American Journal of Medical Quality</u>, In press.

Rushton G, Armstrong MP, Gittler J, **Greene BR**, Pavlik CE, West MM, Zimmerman DL. Geocoding in cancer: A review. <u>American Journal of Preventive Medicine</u>, 30(2 Suppl):S16-24, 2006.

Saleh SS, **Vaughn TE**, **Levey S**, Fuortes L, **Uden-Holman TM**, Hall JA. Cost-effectiveness of case management in substance abuse treatment. Research on Social Work Practice, 16(1):38-47, 2006.

Schneider JE, Peterson NA, **Vaughn TE**, Mooss EN, Doebbeling BN. Clinical practice guidelines and organizational adaptation: A framework for analyzing economic effects. <u>International Journal of Technology Assessment in Health Care</u>, 22(1):58-66, 2006.

Schneider JE, Reid RJ, Peterson NA, Lowe J, Hughey J. Tobacco outlet density and demographics at the tract level of analysis in lowa: Implications for environmentally-based prevention initiatives. <u>Prevention Science</u>, 6(4), 319-325, 2005.

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Schootman M., Andresen EM, **Wolinsky FD**, Malmstrom TK, Miller JP, Miller DK. Neighborhood environment and the prevalence and incidence of depressive symptoms among middle-aged African Americans. <u>Journal of Epidemiology and Community Health</u>, In press.

Smith M., **Greene BR**, Haas M, Allareddy V. Intra-professional and inter-professional referral patterns of chiropractors. <u>Chiropr Osteopat</u>, 14(1):12, 2006.

Subramanian U, Sutherland J, McCoy KD, Welke KF, **Vaughn TE**, Doebbeling BN. Facility-level factors influencing chronic heart failure care process performance in a national integrated health delivery system. <u>Medical Care</u>, In press.

Uden-Holman T, Walkner L, Huse D, **Greene BR**, Gentsch D, **Atchison CG**. Matching documented training needs with practical capacity: Lessons learned from Project Public Health Ready. <u>Journal of Public Health Management and Practice</u>, Supplement 106-12, November 2005.

Vaughn T, Koepke M, Kroch E, Lehrman W, Sinha S, **Levey S.** Engagement of leadership in quality improvement initiatives: Executive quality improvement survey results. Journal of Patient Safety, 2(1):2-9, 2006.

Wakefield DS, **Ward MM**, Wakefield BJ. A 10-rights framework for patient care quality and safety. <u>American Journal of Medical Quality</u>, In press.

Ward MM, Evans TC, Spies AJ, Roberts LL, Wakefield DS. National Quality Forum 30 safe practices: Priority and progress in Iowa hospitals. Implications for patient safety. <u>American Journal of Medical Quality</u>, 21(2):101-108, 2006.

Ward MM, Jaana M, **Bahensky JA**, Vartak S, Wakefield DS. Clinical information systems Availability and use in urban and rural hospitals. <u>Journal of Medical Systems</u>, 30(6),429-438, 2006.

Wolinsky FD, Miller TR, An H, Geweke JF, Wallace RB, Wright KB, Chrischilles EA, Liu L, Pavlik C, Cook EA, Ohsfeldt RL, Richardson KK, Rosenthal GE. Hospital episodes and physician visits in the AHEAD cohort: the concordance between self-reports and Medicare claims. Medical Care, In press.

Wolinsky FD, Miller TR, An H, Brezinski PR, **Vaughn TE**, Rosenthal GE. Dual use of Medicare and the Veterans Health Administration: are there adverse health outcomes? <u>BMC Health Services Research</u>, 6:131, 11-11, 2006.

Wolinsky FD, Miller DK, Andresen EM, Malmstrom TK, Miller JP, Miller TR. The effect of sub-clinical status in functional limitation and disability on adverse health outcomes three years later. <u>Journal of Gerontology: Medical Sciences</u>, In press.

Wolinsky FD, Univerzagt FW, Smith DM, Jones R, Stoddard A, Tennstedt S. The ACTIVE cognitive training trial and health-related quality of life: protection that lasts for five years. <u>Journal of Gerontology: Medical Sciences</u>, 61A: 1324-1329, 2006.

Wolinsky FD, Univerzagt FW, Smith DM, Jones R, Wright E, Tennstedt S. The effects of the ACTIVE cognitive training interventions on clinically relevant declines in health-related quality of life. <u>Journal of Gerontology: Social Sciences</u>, In press.

Wolinsky, FD, Miller TR, Geweke JF, Chrischilles EA, An H, Wallace RB, Pavlik C, Wright KB, Ohsfeldt RL, Rosenthal GE. An interpersonal continuity of care measure for Medicare Part B claims analyses. <u>Journal of Gerontology: Social Sciences</u>, In press.

Wyrwich KW, Metz SM, Kroenke K, Tierney WM, Babu AN, **Wolinsky FD**. Interpreting quality of life data: Methods for community consensus in asthma. <u>Annals of Allergy</u>, <u>Asthma, and Immunology</u>, In press.

Zillich AJ, Sutherland JM, Wilson SJ, Diekema DJ, Ernst EJ, **Vaughn TE**, Doebbeling BN. Antimicrobial use control measures to prevent and control antimicrobial resistance in US hospitals. <u>Infection Control and Hospital Epidemiology</u>, 27(10):1088-1095, 2006.

PRESENTATIONS BY CHPR ASSOCIATES July 1, 2005 to December 31, 2006

Anderson RL. State of the state on globalized assessment for children with serious emotional disturbance: Policy and organization initiatives. Tanager Place, Cedar Rapids, IA, December 2005.

Anderson RL. Tools to empower parents: Early identification of needs and linkage to appropriate care. Public Forum as part of the Year of Engagement Award, Des Moines, IA, March 2006.

Anderson RL. Finding the balance in an evolving service sector: The role of the ANSA in matching treatment need to service delivery. Keynote Address, CANS Conference, Chicago IL, May 2006.

Anderson RL. The link between standard clinical guidelines and clinical outcomes for children served in primary care settings. CANS Conference, Chicago IL, May 2006.

Anderson RL. The treatment of children with ADHD in primary care settings. Invited Presentation, Sponsored by the Centers for Disease Control, Atlanta GA, August, 2006.

Anderson RL. Assessment of youth adjustment to trauma: CANS-MH scale and Polaris youth. Presented to the American Psychiatric Association's Psychiatric Institute Workshop, 2006.

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

Atchison CG. Taking the reins in public health: The state health leadership initiative. APHA Annual Meeting, Philadelphia, PA, December 2005.

Atchison CG. Improving public health outcomes: Bridging academia and practice. 2006 lowa Public Health Conference, Ames, IA, March 2006.

Atchison CG. Advancing disability policy through public health partnerships. CDC State Disability and Health Grantee Meeting, Ames, IA, June 2006.

Atchison CG. Public health forecasting. Great Plains Public Health Leadership Institute, August 2006.

Atchison CG. Moderator, Assuring better child development (ABCD) within Medicaid. NASHP 19th Annual State Health Policy Conference, Pittsburgh, PA, October 2006.

Atchison CG. Concurrent session, Strategies for workforce development. Expanding Our Vision, Transforming Vital Public Health Systems, Omaha, NE, October 2006.

Atchison CG. Using a learning management system to integrate and implement a public health workforce development model. APHA Annual Meeting, Boston, MA, November 2006.

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

Bahensky JA. Project management workshop – building a workplan. Spring Iowa Healthcare IT Conference - Iowa HIMSS, April 2006.

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

Kaskie B. Mental health service use among older Californians. American Association of Geriatric Psychiatry Annual Meeting, March 2005.

Kaskie B. Civic engagement of older Americans. Research presented to the National Council on Aging, Washington, DC, August 2005.

Kaskie B. The varieties of civic engagement experiences. Gerontological Society of America, Orlando, FL, November 2005.

Kaskie B. Strategic planning for evidence based models of care for older adults with mental illnesses. Joint Panel of Administration on Aging/National Institute of Mental Health, Washington, DC, December, 2006.

Katen-Bahensky DM. Partnering to build leaders: The Iowa experience. AUPHA Annual Meeting, Boston, MA, June 2005.

Katen-Bahensky DM. Perspective from a CEO: What hospital/health systems are looking for in health management leaders. University of lowa College of Public Health. lowa City, IA, October, 2005.

Katen-Bahensky DM. What's keeping our hospital leaders awake at night? lowa City Area Chamber of Commerce Community Leadership Program, lowa City, IA, December 2005.

Katen-Bahensky DM. Leading health care issues facing lowa and the U.S. 2005-2006 Leadership lowa, lowa City, IA, March 2006.

Katen-Bahensky DM. Pressing concerns facing the nation's hospitals. Iowa Chapter of the Healthcare Information and Management Systems Society, Iowa City, IA, April 2006.

Katen-Bahensky DM. How UIHC is positioning for the future. Iowa Hospital Association District G Meeting, Iowa City, IA, May 2006.

Katen-Bahensky DM. Perspectives from a CEO: What hospital/health systems are looking for in health system leaders. Iowa City Area Chamber of Commerce Leadership Breakfast, Iowa City, IA, May 2006.

Katen-Bahensky DM. Pursuing excellence, creating value, fulfilling the promise. AAMC Women in Medicine Award Luncheon, Seattle, WA, October 2006.

Katen-Bahensky DM. Running a successful academic medical center. Hiroshima University Hospital, Japan, November 2006.

Katen-Bahensky DM. Relationships between universities and teaching hospitals

Katen-Bahensky DM. What's keeping our health care leaders awake at night? lowa City Area Chamber of Commerce Leadership Program, lowa City, IA, December 2006.

Prybil LD. The UI College of Public Health: A five-year progress report. Downtown Rotary Club, Des Moines, IA, Cedar Rapids Rotary Club, Dubuque Rotary Club, Sioux City Rotary Club, Fort Dodge Rotary Club, Ottumwa Rotary Club, 2005

Prybil LD. Chair, Panel presentation on provider views. CMH Invitational Conference on Public Reporting of Quality and Cost Information, Washington, DC, 2005.

Prybil LD. Characteristics of effective boards in high performing hospitals. American Hospital Association's National Symposium on Governance and Leading Healthcare Organizations, Chicago, IL, 2005.

Prybil LD. Characteristics of high-performing hospital boards. Grinnell Regional Medical Center Board of Directors Annual Retreat, Cedar Rapids, IA, 2005.

Prybil LD. How boards of high-performing hospitals differ from mid-range performers. Solucient Top 100 Hospitals Summit Conference, Phoenix, AR, 2006.

Prybil LD. Characteristics of effective boards in high-performing hospitals. Mercer County Hospital Board Meeting, Aledo, IL, 2006.

Prybil LD. Effective healthcare boards. St. Vincent's Health Services Board Meeting, Bridgeport, CT, 2006.

Prybil LD. Effective hospital boards. Iowa Hospital Association Joint Board Retreat, Lake Okoboji, IA, 2006.

Prybil LD. Update on the University of Iowa College of Public Health. Iowa Hospital Association Joint Board Retreat, Lake Okoboji, IA, 2006.

Prybil LD. Basic characteristics of effective non-profit healthcare boards. Bay Area Medical Center Board of Directors Annual Retreat, Kohler, WI, 2006.

Schneider JE. Overview of physician compensation and incentive mechanisms. The 84th Annual Meeting Clinical Society of Genitourinary Surgeons, University of Iowa Carver College of Medicine, Fall 2005.

Schneider JE. The effects of specialty hospitals on general hospital financial performance, 1997-2004. American Society of Health Economists Annual Meeting, Madison, WI, June 2006

Schneider JE. The business of health. American Enterprise Institute, Washington DC, October 2006.

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.

Uden-Holman TM. Using a learning management system to integrate and implement a public health workforce development model. Annual APHA Meeting, Boston, MA, November 2006.

Vaughn T. Context and innovation in public health. Knowledge Utilization and Implementation in Health Services: Theory, Strategies, and Education, Minneapolis, MN, July 2006.

Ward MM. Physician adherence to diabetes management guidelines: Roles of organizational and population characteristics. University of Pittsburgh School of Nursing, Pittsburg, PA, 2005.

Ward MM. General dentists' referral of children less than 3 years to pediatric dentists. National Oral Health Conference, Pittsburgh, PA, May 2005.

Ward MM. HIT survey of Iowa hospitals. IHA Council on Membership Services, Des Moines, IA, 2006.

Ward MM. Rural versus urban AMI mortality. IHA 2006 Critical Access Hospital Forum, Des Moines, IA, 2006.

Ward MM. Taking the pulse of Medicare and Medicaid. CPH Community Outreach, Des Moines, IA, 2006.

Ward MM. Effect of critical access hospital conversion on patient safety in Iowa rural hospitals. Iowa CAH User Group, Des Moines, IA, 2006.

Ward MM. AHRQ health information technology survey results. Iowa CAH User Group, Des Moines, IA, 2006.

Ward MM. Analysis of AHRQ quality indicators in Iowa hospitals. Agency for Healthcare Research and Quality staff, Agency for Healthcare Research and Quality staff seminar-Rockville, MD, 2006.

Ward MM. IT capacity in Iowa's critical access hospitals. Iowa CAH User Group, Des Moines, IA, 2006.

Ward MM. Predictors of the percentage of children in general dental offices. Interventional Association for Dental Research & American Association for Dental Research, 32nd Annual Meeting, San Antonio, March 2006.

Ward MM. Statewide efforts to enhance HIT in critical access hospitals. AHRQ Annual Patient Safety Conference, Washington, DC, June 2006.

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, 2005 to December 31, 2006

Weekly seminars

The Center for Health Policy and Research hosted weekly activities during the academic year. These included 7 invited seminars featuring speakers from outside the Center and 18 research updates and methods workshops providing an overview of recent research approaches and methods by Center associates.

Annual policy conference

The Center for Health Policy and Research co-sponsored the "2nd Annual Conference for Quality, Patient Safety and Value" on November 2, 2005 in Des Moines. The Center partnered with the primary sponsor, the Iowa Healthcare Collaborative, and several other Iowa healthcare organizations to foster interchange on this important topic. This 2nd Annual Conference, like the one preceding it, was a popular venue with over 300 persons attending the day-long event.

INVITED SEMINAR PRESENTATIONS July 1, 2005 to December 31, 2006

Invited Speaker	Date	Title of Presentation
Kyriakos Markides, PhD Department of Preventive Medicine and Community Health University of Texas-Galveston	October 14, 2005	Overview of Hispanic Health Issues in the United States with Special Focus on Older People
John Nyman, PhD Health Services Research and Policy, School of Public Health University of Minnesota	October 21, 2005	Health Insurance Theory: The Case of the Missing Welfare Gain
Thomas Gruca, PhD Department of Marketing University of Iowa	November 4, 2005	Benefits, Costs, and Competition: Determinants of Strategic Alliance Partner Selection and Commitment Decisions
Michael Morrisey, PhD Department of Health Care Organization and Policy University of Alabama-Birmingham	December 2, 2005	The Effects of Tort Reform on Physician Malpractice Premiums & Employer Health Insurance Premiums
Toni Tripp-Reimer, PhD, RN College of Nursing University of Iowa	December 9, 2005.	Addressing Health Disparities through Community-Based Participatory Research
Jody Heymann, MD, MPH Faculties of Medicine and Arts McGill University	April 7, 2006	Promotion Children and Families' Health in a Global Economy
Franklin Dexter, MD, PhD Departments of Anesthesia and Health Management and Policy University of Iowa	April 14, 2006	Economics of Small Operational Changes: Reducing OR Turnover Times

RESEARCH UPDATES and METHODS WORKSHOPS July 1, 2005 to December 31, 2006

Presenter	Date	Title of Presentation
Lawrence Prybil, PhD Dept. of Health Management and Policy University of Iowa	September 2, 2005	A Comparative Study of Governing Boards In Not-For- Profit Hospitals
Rachel Anderson, PhD Dept. of Health Management and Policy University of Iowa	September 9, 2005	Insurers Improving Quality and System Design for Children with Serious Emotional Disturbances
Jim Donoghue Magellan Health Services Iowa Plan for Behavioral Health		
Paul Brezinski PhD student Dept. of Health Management and Policy University of Iowa	September 23, 2005	Not-For-Profit Hospital Governance Reform: What Does the Evidence Show?
Adaeze Akamigbo PhD student Dept. of Health Management and Policy University of Iowa	October 7, 2005	Individual Expectations and Their Impact on Nursing Home Placement
George Wehby PhD candidate Dept. of Health Management and Policy University of Iowa	October 28, 2005	Prenatal Health Investment: Main Determinants and Impact on Early Infant Health
Pengxiang Li PhD candidate Dept. of Health Management and Policy University of Iowa	November 11, 2005	Comparing Mortality Rates in Rural and Urban Hospitals for Patients with Myocardial Infarction: Rethinking Measures of Quality of Care
Kirk Phillips, PhD Iowa Health System	November 18, 2005	Prediction of Heart Failure Mortality with knowledge Discovery and Traditional Epidemiologic Models

Presenter	Date	Title of Presentation
Lance Roberts PhD student Dept. of Health Management and Policy University of Iowa	February 3, 2006	Patient Safety in Iowa: An Analysis of Maternal Birth- Related Trauma Rates
John Schneider, PhD Dept. of Health Management and Policy University of Iowa	February 10, 2006	A Single-Payer Health Insurance System in California: Will Arnold Approve of Your Stents?
Tanya Uden-Holman, PhD Dept. of Health Management and Policy University of Iowa	February 17, 2006	Matching Documented Training Needs with Practical Capacity: Lessons Learned from Project Public Health Ready
Veerasathpurush Allareddy PhD student Dept. of Health Management and Policy University of Iowa	February 24, 2006	Impact of Medical Errors on Outcomes Following Coronary Artery Bypass Grafts and Percutaneous Coronary Interventions
Thomas Vaughn, PhD Dept. of Health Management and Policy University of Iowa	March 3, 2006	Serendipity in Research: Relationships, Collaboration and a Survey
Brian Kaskie, PhD Dept. of Health Management and Policy University of Iowa	March 10, 2006	A Cure for What Ails: A New Way of Admitting Older Adults into Hospitals and Other Health Facilities
Qian Qiu PhD student Dept. of Health Management and Policy University of Iowa	March 24, 2006	A Comparison of the Elixhauser and Charlson Comorbidity Measures for Risk Adjustment
Smruti Vartak PhD student Dept. of Health Management and Policy University of Iowa	March 31, 2006	Comparing Patient Safety between Teaching and Non- Teaching Hospitals: Does Teaching Status Matter?
Ingrid Philibert PhD candidate Dept. of Health Management and Policy University of Iowa	April 21, 2006	Research Update: Improving Patient Hand-Offs in Teaching Hospitals

Presenter	Date	Title of Presentation
Cormac O'Sullivan	April 28,	Postoperative Pain Management
PhD student	2006	after Open-Thoracotomy
Dept. of Health Management and		Surgery: Efficacy and
Policy		Effectiveness
University of Iowa		
Paul Brezinski	May 5,	Veteran Status and Health
PhD student	2006	Behavior, a Research Model
Dept. of Health Management and		
Policy		
University of Iowa		