

Annual Report

Research Projects Publications & Presentations Educational Activities

July 1, 2003 – June 30, 2004



*Center for Health Policy and Research
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CENTER ASSOCIATES*
July 1, 2003 to June 30, 2004

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, 2003 to June 30, 2004

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.	Department of Internal Medicine
Josephine Gittler, J.D.	College of Law
Claire Pavlik, Ph.D.	Department of Geography
Jane Pendergast, Ph.D.	Department of Biostatistics
Richard Scheffler, Ph.D.	University of California, Berkeley
Catherine Watkins, D.D.S.	Dept. of Preventive & Community Dentistry
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, 2003 to June 30, 2004

Adaeze Akamigbo	Department of Health Management and Policy
Veerasathpurush Allareddy	Department of Health Management and Policy
Mark Brown	Department of Health Management and Policy
Aaron DeBoer	Department of Health Management and Policy
Sara Imhof	Department of Health Management and Policy
Mirou Jaana	Department of Health Management and Policy
Kyle Kingsley	Department of Health Management and Policy
Yang Lei	Department of Health Management and Policy
Pengxiang Li	Department of Health Management and Policy
Junlin Liao	Department of Health Management and Policy
Thomas Miller	Department of Health Management and Policy
Matt Oujiri	Department of Health Management and Policy
Angela Speer	Department of Health Management and Policy
Carly Woythaler-Runestad	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, 2003 to June 30, 2004**

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 14 years, it has offered thousands of programs and is responsive to the needs, challenges, and concerns of all types of healthcare providers.

Title: "Identification of Clinically Relevant Changes in HRQoL"
Source: 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: 1999 – 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: "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. We will measure that with the progressive refinement of a survey instrument that we are working on with Palmer and with the assistance of some seasoned researchers at Western States Chiropractic College in Oregon. We will also use focus groups throughout the two years. The research with the most direct bearing on our 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/NICHHD
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: "The ECHO Culture Change Initiative"
Source: Wesley Retirement Services
Principal Investigator: Thomas Vaughn
Direct funds: \$13,022
Period of funding: 2002 – 2003
Description: This project is evaluating the effects of a culture change initiative in five nursing facilities. The outcomes of interest for the evaluation are changes in culture, staff empowerment, satisfaction and retention, as well as family perceptions of care, resident quality of life and objective measures of care quality.

Title: "Opportunities for Optimal Aging in Marin County: Phase II"
Source: Marin Community Foundation
Principal Investigator: Brian Kaskie
Direct funds: \$100,139
Period of funding: 2002 – 2004
Description: This project examines factors that contribute to optimal aging experiences for persons living in Marin County. Specifically, it investigates employment and volunteer opportunities as well as programs and services that promote healthy aging.

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: "Service Outcomes 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 compares 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
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 – 2005
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: "The Real Choices Initiative: Developing a Screening and Assessment Process for Older Iowans"
Source: Iowa Department of Health; UI Center for Developmental Disabilities
Principal Investigator: Brian Kaskie
Key Personnel: Rachel Anderson
Direct funds: \$67,465
Period of funding: 2003 – 2004
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.

Title: "Cost of Stable Angina"
Source: CV Therapeutics
Principal Investigator: Marcia Ward
Direct funds: \$52,000
Period of funding: 2003 – 2004
Description: This project will determine the medical service utilization of persons with stable angina and coronary artery disease using NCHS datasets and value services using Medicare reimbursement rates.

Title: "Integrating Health Services for Rural Adolescents"
Source: National Institute on Drug Abuse
Principal Investigator: Rachel Anderson
Direct funds: \$50,000
Period of funding: 2003 – 2004
Description: This research will examine 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: "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: Gerry Rushton, Marc Armstrong, Michele West, Dale Zimmerman, Josephine Gittler
Direct funds: \$338,984
Period of funding: 2003 – 2006
Description: Efforts focused on reviewing prostate cancer geocoding issues in relation to the geographic information science principle of "fitness for use". Convened a meeting of experts from academe, relevant government departments, cancer registry operations and legal practice to identify key geocoding issues. Will prepare an edited book that will cover the major issues identified as well as a primer on geocoding for prostate cancer control and prevention activities.

Title: "VA MREP Career Award"
Source: Veteran's Health Administration; Health Services Research and Development; Washington, D.C.
Principal Investigator: John Schneider
Key Personnel: Bradley Doebbeling, 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.

Title: "Economic Effects of Clinical Practice Guidelines"
Source: Veterans Health Administration Health Services Research and Development
Principal Investigator: John Schneider
Key Personnel: Brad Doebbeling, Robert Ohsfeldt, Rachel Anderson
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. Our 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. We propose to study the economic effects of two national VA clinical practice guidelines, diabetes mellitus (DM) and major depressive disorder (MDD), disseminated to VAMC directors in FY98 for system wide implementation, and for which we have extensive data on organizational factors, implementation approaches, and efforts to improve quality.

**OTHER RESEARCH PROJECTS SUPPORTING CHPR ASSOCIATES
July 1, 2003 to June 30, 2004**

Title: "Longitudinal Study of Day Care in Alzheimer's Disease"
Source: National Institute on Aging
Principal Investigator: D.A. Evans
Center Investigator: Fredric Wolinsky
Direct funds: \$1,361,737
Period of funding: 1998 – 2003

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: "Health Professional Coordinator"
Source: Iowa Department of Public Health
Principal Investigator: Christopher Atchison
Direct funds: \$93,788
Period of funding: 2000 – 2003

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

Title: "Nurse Staffing and Quality of Care"
Source: University of Colorado/National Institute of Nursing Research
Principal Investigator: Mary Blegen
Center Investigator: Thomas Vaughn
Direct funds: \$130,567
Period of funding: 2000 – 2004

Title: "Cost-Effectiveness of Home Biofeedback System to Improve Gastrointestinal Mobility"
Source: National Institutes of Health
Principal Investigator: Satish Rao
Center Investigator: John Schneider
Period of funding: 2000 – 2005

Title: "Educational Outreach Programs to Iowa Communities"
Source: Principal Financial Group Foundation
Principal Investigator: Lawrence Prybil
Direct funds: \$21,000
Period of funding: 2001 – 2003

Title: "Preventing Relapse among Women Who Quit Smoking Due to Pregnancy"
Source: Iowa Attorney General
Principal Investigator: John Lowe
Center Investigator: Marcia Ward
Direct funds: \$335,795
Period of funding: 2001 – 2003

Title: "Iowa Center for Public Health Preparedness"
Source: Centers for Disease Control and Prevention/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 Center for Public Health Preparedness"
Source: Health Resources and Services Administration
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman, Jörg Westermann
Direct funds: \$2,350,902
Period of funding: 2001 – 2006

Title: "The Iowa Real Choices Initiative"
Source: State of Iowa Department of Human Services
Principal Investigator: Bob Bacon
Key Personnel: Brian Kaskie
Direct funds: \$1,282,408
Period of funding: 2002 – 2004

Title: "Improving the Health of Rural Iowan's 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 – 2005

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

Title: "A Comparative Study of Governing Boards in High-Performing Not-For-Profit Hospitals"
Source: W.K. Kellogg Foundation, Witt/Kieffer, Sullivan, Cotter & Associates and Jennings, Ryan & Kolb, a division of Cross Country Consulting
Principal Investigator: Lawrence Prybil
Direct funds: \$100,000
Period of funding: 2003 – 2004

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 Investigator: Jörg Westermann
Direct funds: \$92,593
Period of funding: 2004

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

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

**PUBLICATIONS BY CHPR ASSOCIATES
JULY 1, 2003 to JUNE 30, 2004**

Anderson RL. Community-based service utilization among rural adolescents with mental health and substance use disorders. *Psychiatric Services*, 54(10):1339-1341, 2003.

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Atchison CG, Uden-Holman T, Greene BR & Prybil LD. Developing the academic institution's role in response to bioterrorism: The Iowa Center for Public Health Preparedness. *Journal of Public Health Management and Practice*, 9(5):418-426, 2003.

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BootsMiller BJ, Yankey JW, Flach SD, **Ward MM, Vaughn TE,** Welke KF & Doebbeling BN. Classifying the effectiveness of VA guideline implementation approaches. *American Journal of Medical Quality*, in press.

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Diekema DJ, BootsMiller BJ, **Vaughn TE**, Woolson RF, Yankey JW, Ernst EJ, Flach SD, **Ward MM**, Franciscus CLJ, Pfaller MA & Doebbeling BN. Antimicrobial resistance trends and outbreak frequency in United States hospitals. *Clinical Infectious Diseases*, 38(1):78-85, 2004.

Doebbeling BN, **Vaughn TE**, McCoy KD, Beekmann SE, Ferguson KJ, Torner JC & Woolson RF. Percutaneous injury, blood exposure and standard precautions adherence: Are hospital-based providers still at risk? *Clinical Infectious Diseases*, in press.

Ernst EJ, Diekema DJ, BootsMiller BJ, **Vaughn TE**, Yankey JW, Flach SD, **Ward MM**, Franciscus CLJ, Acosta E, Pfaller MA & Doebbeling BN. Are United States hospitals following national guidelines for the analysis and presentation of cumulative antimicrobial susceptibility data? *Diagnostic Microbiology and Infectious Disease*, 49(2):141-145, 2004.

Flach SD, Diekema DJ, Yankey JW, BootsMiller BJ, **Vaughn TE**, Ernst EJ, **Ward MM** & Doebbeling BN. Variation in the use of procedures to monitor antimicrobial resistance in U.S. hospitals. *Infection Control and Hospital Epidemiology*, in press.

Flach SD, McCoy, **Vaughn TE**, **Ward MM**, BootsMiller BJ & Doebbeling BN. Does patient-centered care improve provision of preventive services? *Journal of General Internal Medicine*, in press.

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Miller DK, **Wolinsky FD**, Malmstrom TK, Andresen EM & Miller JP. Inner city middle aged African Americans have premature frank and subclinical disability. *Journal of Gerontology: Medical Sciences*, 58A, 2004, in press.

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Mullins CD & **Ohsfeldt R**. Modeling the annual costs of postmenopausal prevention therapy using hormone replacement therapy, raloxifene, or alendronate. *Journal of Managed Care Pharmacy*, 9(2):150-158, 2003.

Ohsfeldt RL. If the 'business model' of medicine is sick, what's the diagnosis, and what's the cure? *The Independent Review*, 8(2):271-283, 2003.

Ohsfeldt RL. Challenges in evaluating the cost-effectiveness of statins. *Journal of Managed Care Pharmacy*, 10(1):81-82, 2004.

Ohsfeldt RL, Gavin NI & Thorp JE. Medical care costs associated with postmenopausal estrogen plus progestogen therapy. *Value in Health*, in press.

Ohsfeldt RL, Kreder K, Klein R & Chrischilles E. Cost-effectiveness of tamsulosin, doxazosin, and terazosin in the treatment of benign prostatic hyperplasia. *Journal of Managed Care Pharmacy*, in press.

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Rautiainen RH, Ledolter J, Sprince NL, Donham KJ, Burmeister LF, **Ohsfeldt RL**, Reynolds SJ, Phillips KT, Saarimaki P & Zwerling C. Insurance incentive as a preventive measure in agriculture in Finland. *American Journal of Industrial Medicine*, in press.

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Ward MM, Diekema DJ, Yankey JW, **Vaughn TE**, BootsMiller BJ, Pendergast JF & Doebbeling BN. Implementation of strategies to prevent and control the emergence and spread of antimicrobial-resistant microorganisms in U.S. hospitals. *Infection Control and Hospital Epidemiology*, in press.

Ward MM, Doebbeling BN, **Vaughn TE**, **Uden-Holman T**, Clarke WR, Woolson RF, Letuchy E, Branch LG & Perlin J. Longitudinal effectiveness of a nationally implemented smoking cessation guideline on provider and patient practices. *Preventive Medicine*, 36(3):265-271, 2003.

Ward MM, Jaana M, **Wakefield DS**, **Ohsfeldt RL**, **Schneider JE**, Miller T & Lei Y. What would be the effect of referral to high volume hospitals in a largely rural state? *Journal of Rural Health*, in press.

Ward MM, Yankey JW, **Vaughn TE**, BootsMiller BJ, Flach SD, Watrin S & Doebbeling BN. Provider adherence to COPD guidelines: Relationship to organizational factors. *Journal of Evaluation in Clinical Practice*, in press.

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Wolinsky FD, Wyrwich KW, Babu AN, Kroenke K & Tierney WM. Age, aging, and the sense of control among older adults: A longitudinal reconsideration. *Journal of Gerontology: Social Sciences*, 58B:S212-S220, 2003.

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Wolinsky FD, Wyrwich KW, Metz SM, Babu AN, Tierney WM & Kroenke K. Test-retest reliability of the Mirowsky-Ross 2x2 Index of the Sense of Control. *Psychological Reports*, 94(2):725-732, 2004.

Wyrwich KW, Fihn SD, Tierney WM, Kroenke K, Babu AN & **Wolinsky FD**. Clinically relevant changes in health-related quality of life for patients with chronic obstructive pulmonary disease: an expert consensus panel report. *Journal of General Internal Medicine*, 18:196-202, 2003.

Wyrwich KW, Nelson HS, Tierney WM, Babu AN, Kroenke K & **Wolinsky FD**. Clinically important differences in health-related quality of life for patients with asthma: An expert consensus panel report. *Annals of Allergy, Asthma, and Immunology*, 91:148-153, 2003.

Wyrwich KW, Spertus JA, Tierney WM, Babu AN, Kroenke K & **Wolinsky FD**. Clinically important differences in health status for patients with heart disease: An expert consensus panel report. *American Heart Journal*, in press.

PRESENTATIONS BY CHPR ASSOCIATES
July 1, 2003 to June 30, 2004

Anderson RL. Progress in formulating mental health policy. National Alliance for the Mentally Ill, Iowa City, IA, November 2003.

Anderson RL. Eliminating health disparities in mental health services. Human Rights Week, University of Iowa, 2003.

Anderson RL. Unmet mental health and substance use treatment needs among rural adolescents. The Clock is Ticking for Rural America: A Behavioral Health and Safety Conference, Kansas City, MO, 2003.

Anderson RL & Kaskie BK. Health policy: Implications for research, learning and leadership. Annual Healthcare Executive Symposium, Iowa City, IA, 2003.

Atchison CG. Moderator. Ever ready: Assuring preparedness on the front line. National Academy for State Health Policy 16th Annual State Health Policy Conference, Portland, OR, August 2003.

Atchison CG. Welcome and closing remarks. Public Health and Terrorism Preparedness: Cross-Border Issues Roundtable, Bloomington, MN, December 2003.

Bahensky JA. A workshop on project management. The University of Iowa Hospital and Clinics, Health Care Information Systems, 5 session through July and August 2003.

Bahensky JA. The UIHC CT throughput - Kaizen (Lean Sigma). The University of Iowa Hospitals and Clinics, St. Luke's Hospital, Unity Hospital, and the Iowa Business Council, June 2004.

Gilchrist MJR. Bioterrorism and homeland security update. Iowa Department of Human Services Bioterrorism Hearings, State Capitol Building, 2003.

Gilchrist MJR. Laboratory response to bioterrorism: Real life experiences and future challenges, beyond hoaxes: A public relations and communications challenge. American Society for Microbiology General Meeting, 2003.

Gilchrist MJR. Bioterrorism-A new role for laboratories. EPA Region 7 Local Emergency Planning Committee/Tribal Emergency Response Commission Conference, 2003.

Gilchrist MJR. Microbial outbreaks: Role of technological change in precipitating and preventing them. 2003 Antimicrobial Technology Conference, 2003.

Greene BR. Credentialing public health professionals and systems. The Governors Conference On Public Health – Barn Raising IV, Drake University, August 2003.

Kaskie B. Medicare policies and the use of mental health services. Gerontological Society of America, San Diego, CA, November, 2003.

Katen-Bahensky DM. UIHC and the regional health care community. Johnson County Medical Society, Iowa City, IA, September 2003.

Katen-Bahensky DM. Current challenges in integrated health systems. Dean’s Forum, College of Pharmacy, University of Iowa, November 2003.

Katen-Bahensky DM. Leadership in health care. Iowa City Area Chamber of Commerce Community Leadership Program, December 2003.

Katen-Bahensky DM. Keynote address at undergraduate graduation ceremony. Henry B. Tippie College of Business, University of Iowa, December 2003.

Katen-Bahensky DM. Numerous Rotary Presentations in Eastern Iowa, 2003.

Katen-Bahensky DM. University of Iowa healthcare partnership (co-presentation with Dean Jean Robillard, Dean, Carver College of Medicine). 25th Annual Healthcare Executive Symposium, Department of Health Management and Policy; UI College of Public Health, October 2003.

Katen-Bahensky DM. Clinical outcomes and resource management statewide quality program: Performance improvement in healthcare – The journey. Quality Inn-Highlander Plaza, Iowa City, IA, May 12, 2004.

Ohsfeldt RL. Fracture-related medical costs in the first year following a non-vertebral fracture in a managed care setting. Academy of Managed Care Pharmacy, San Francisco, CA, April 2004.

Ohsfeldt RL. Economic evaluation of short-term fracture-related costs among osteoporosis treatments. ISPOR, Washington DC, May 2004.

Ohsfeldt RL. Cost-effectiveness of ARBs in treating mild-to-moderate hypertension. ISPOR, Washington, DC, May 2004.

Prybil LD. Challenges and opportunities for health administration education. Annual Leadership Conference co-sponsored by American College of Healthcare Executives & Association of University Programs in Health Administration, 2003.

Rushton G. Geocoding and exploratory spatial analysis of cancer data. Short Course, CDC Cancer Conference, September 2003.

Rushton G. Inferring geographic patterns of colorectal and breast cancer in Iowa. American Public Health Association Annual Meeting, San Francisco, CA, November 2003.

Rushton G. Spatial analysis of geocoded registry data: The issue of scale dependence. Pacific Institute for Research and Evaluation, Berkeley, CA, November 2003.

Rushton G & Pendergast J. Alternative methods for investigating spatial patterns of cancer burdens in Iowa. Holden Comprehensive Cancer Center Forum, The University of Iowa, Iowa City, IA, February 2004.

Saftlas AF. Predictors of preeclampsia. Royal Academy of New Zealand and Australia Obstetricians and Gynecologists (RANZOG) Auckland, New Zealand, September 2003.

Uden-Holman TM. A systems approach to the challenge of bioterrorism. HMP Executive Symposium, Iowa City, IA, October 2003.

Uden-Holman TM. Iowa Center for Public Health Preparedness: Creating partnerships to improve public health preparedness at the local level. Annual APHA Meeting, San Francisco, CA, November 2003.

Uden-Holman TM. Public health workforce assessments: Results and next steps for communities in Iowa, Nebraska and South Dakota. Annual APHA Meeting, San Francisco, CA, November 2003.

Wakefield DS. The practical wisdom of decision making in the grey zone: Thoughts on "Not Acting". 10th Annual Summer Symposium: Building Knowledge for the Leadership of Improvement of Health Care, Dartmouth, MA, July 2003.

Wakefield DS. Implementing the Leapfrog Group safety standards in Iowa. IA-HIMMS Meeting, Iowa City, IA, September 2003.

Westermann J. Experiences with continuing education in a rural state. 131st Annual Meeting of American Public Health Association, San Francisco, CA, November 2003.

Westermann J. Management training for public health leaders. Annual Meeting, Iowa Public Health Association, Ames, IA, March 2004.

EDUCATIONAL ACTIVITIES
July 1, 2003 to June 30, 2004

Weekly seminars

The Center for Health Policy and Research hosted weekly activities during the academic year. These included 6 invited seminars featuring speakers largely from outside the Center, 15 research updates and methods workshops over-viewing recent research approaches and methods by Center associates, and 7 journal club meetings to discuss timely empirical articles involving health policy and services research.

This year, these educational activities focused on themes related to the four concentration areas of the Ph.D. program. During the fall semester, the weekly activities centered on health outcomes research and methods and during the spring semester, they focused on health policy issues. Having seminars and journal club presentations focus on a single theme permitted weekly activities to build on previous sessions. Presenters and topics for these three educational series are listed on the following pages.

INVITED SEMINAR PRESENTATIONS
July 1, 2003 to June 30, 2004

Invited Speaker	Date	Title of Presentation
James Price, Ph.D. Department of Sociology University of Iowa	October 10, 2003	The Development of Causal Model of Voluntary Turnover
Joanne Dochterman, Ph.D. College of Nursing University of Iowa	November 7, 2003	Use of Standardized Nursing Language to Conduct Effectiveness Research
Diane Huber, Ph.D., RN, FAAN College of Nursing University of Iowa James Hall, Ph.D., LISW Department of Pediatrics University of Iowa	November 14, 2003	Strengthening our Community to Expand and Enhance Adolescent Drug Abuse Treatment
N. Andrew Peterson, Ph.D. Department of Community and Behavioral Health University of Iowa	November 21, 2003	Health Services and Community Development: What Can We Learn from Each Other?
Gary Rosenthal, M.D. Internal Medicine University of Iowa	March 12, 2004	Comparing Mortality after Coronary Artery Bypass Surgery in VA and Private Sector Hospitals: A 6-Year Odyssey
Bonnie Wakefield, Ph.D. Veterans Affairs Medical Center, College of Nursing University of Iowa	March 26, 2004	Telehealth Home Care

RESEARCH UPDATES and METHODS WORKSHOPS
July 1, 2003 to June 30, 2004

Presenter	Date	Title of Presentation
Fredric Wolinsky, Ph.D. Dept. of Health Management and Policy University of Iowa	August 29, 2003	Health Related Quality of Life in Middle Aged African Americans
Tanya Uden-Holman, Ph.D. Dept. of Health Management and Policy University of Iowa	September 26, 2003	An Interdisciplinary Approach to Improving Patient Safety
Douglas Wakefield, Ph.D. Dept. of Health Management and Policy University of Iowa	October 31, 2003	An Exploratory Study of the Application of the Leapfrog Group Safety Standards in Iowa Hospitals
Mirou Jaana, Ph.D. Candidate Dept. of Health Management and Policy University of Iowa	December 5, 2003	Clinical Information Technology in Hospitals: Evaluation in a Rural State
George Wehby, Ph.D. Student Dept. of Health Management and Policy University of Iowa	December 5, 2003	Cost Effectiveness of Prenatal Genetic and Ultrasound Screening for Van der Woude Syndrome
John Schneider, Ph.D. Dept. of Health Management and Policy University of Iowa	December 12, 2003	Physician Market Concentration and Antitrust
Ingrid Philibert, Ph.D. Student Dept. of Health Management and Policy University of Iowa	January 30, 2004	Sleep Loss and Cognitive Performance in Resident Physicians: A Meta-Analytic Examination
Rachel Anderson, Ph.D. Dept. of Health Management and Policy University of Iowa	February 13, 2004	Where Do Research Ideas Come From?
Mary Aquilino, Ph.D. Dept. of Community and Behavioral Health University of Iowa	February 20, 2004	Why Qualitative Research?

John Schneider, Ph.D. Dept. of Health Management and Policy University of Iowa	February 27, 2004	Does the Squeaky Wheel Get the Oil?: Analyzing the Relationship Between Organizational Performance and Case Mix Severity in the VA System
Lori Dolan, Ph.D. Candidate Dept. of Health Management and Policy University of Iowa	February 27, 2004	Variability in Professional Opinion Concerning the Effectiveness of Bracing in Adolescent Idiopathic Scoliosis
Lori Dolan, Ph.D. Candidate Dept. of Health Management and Policy	March 5, 2004	Dolan LA, Sabesan VJ, Shurr DG & Weinstein SL. Reliability and Validity of Electronic Temperature Readings as Proxy for Thoracolumbarsacral Orthosis Wear Time in Idiopathic Scoliosis
Fredric Wolinsky, Ph.D. Dept. of Health Management and Policy University of Iowa	April 16, 2004	Further Evidence for the Importance of Sub-Clinical Disability in Geriatrics: The Prediction of Frank Disability One and Two Years Later
Robert Montague, Ph.D. Candidate Dept. of Health Management and Policy University of Iowa	May 7, 2004	The Determinants of Voluntary Employee Turnover in Nursing Homes
Junlin Liao, Ph.D. Student Dept. of Health Management and Policy University of Iowa	May 7, 2004	Chiropractic at a Crossroads

JOURNAL CLUB PRESENTATIONS
July 1, 2003 to June 30, 2004

Presenter and Discussion Leader	Date	Journal Article
Tom Miller, Ph.D. Student Tom Vaughn, Ph.D. Dept. of Health Management and Policy	September 5, 2003	Scott T, Mannion R, Davies H & Marshall M. The Quantitative Measurement of Organizational Culture in Health Care: A Review of the Available Instruments. Health Services Research, 38: 923-945, 2003
Junlin Liao, Ph.D. Student Jorg Westermann, Ph.D. Dept. of Health Management and Policy	September 19, 2003	Woolhandler S, Campbell T & Himmelstein DU. Costs of Health Care Administration in the United States and Canada. The New England Journal of Medicine, 349: 768-775, 2003
Gerd Clabaugh, Ph.D. Student James Bahensky, M.S. Dept. of Health Management and Policy	October 24, 2003	Erstad TL. Chasing the Elusive Electronic Medical Record. Journal of Healthcare Information Management, 17: 51-57, 2003; Sensmeier J. Journal of Healthcare Information Management, 17: 58-61, 2003
George Wehby, Ph.D. Student Robert Ohsfeldt, Ph.D. Dept. of Health Management and Policy	February 6, 2004	Ganz ML. Family Health Effects: Complements of Substitutes. Health Economics, 10: 699-714, 2001
Yang Lei, Ph.D. Student Robert Ohsfeldt, Ph.D. Dept. of Health Management and Policy	March 5, 2004	Cuellar AE & Gertler PJ. Trends in Hospital Consolidation: The Formation of Local Systems. Health Affairs, 22: 77-87, 2003
Gerd Clabaugh, Ph.D. Student John Brooks, Ph.D. Dept. of Health Management and Policy	April 9, 2004	Hadley J, Polsky D, Mandelblatt JS, Mitchell JM, Weeks JC, Wang Q, Hwang YT & the OPTIONS Research Team. Use of Instrumental Variables in the Analysis of Breast Cancer. Health Economics, 12: 171- 186, 2003
Pengxiang Li, Ph.D. Student John Schneider, Ph.D. Dept. of Health Management and Policy	April 23, 2004	Casalino LP, Devers KJ & Brewster LR. Focused Factories? Physician-Owned Specialty Facilities. Health Affairs, 22: 56- 67, 2003