

Annual Report

**Associates & Affiliates
Research Projects
Publications
Presentations
Annual Conference
Educational Activities**

July 1, 2001 – June 30, 2002



THE UNIVERSITY OF IOWA



Dear Colleagues,

It is our pleasure to share this third Annual Report for the Center for Health Policy and Research (CHPR). This annual report covers the academic year from July 1, 2001 through June 30, 2002.

This year the Center grew to 19 Center Associates who used CHPR as their base for research activities. In addition, 15 Center Affiliates and 16 Graduate Research Assistants received salary support from research projects based in the Center. The number of funded research projects grew to 20. In addition to descriptions of these projects, other funded research projects, publications, and presentations for Center Associates are listed.

CHPR hosted its second annual policy symposium this year. "New Models for a New Reality: Improving Iowa's Preparedness Capacity" brought together outstanding speakers from around the nation to address the emerging understanding of community preparedness. We thank the Centers for Disease Control and the Center for Public Health Practice for providing support for this conference. A report from last year's policy symposium on patient safety is available on our web-site.

The Center supports the Department of Health Management and Policy doctoral program and offers weekly educational activities attended by faculty and Ph.D. students. This annual report lists the Seminar Series, Journal Club, and Research Updates presentations this past academic year. Changes to the Center space included outfitting one conference/class room for the Iowa Communications Network and creating a second conference room.

This has been another productive year for the Center for Health Policy and Research. 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,

Douglas S. Wakefield, Ph.D.
Director
Center for Health Policy and Research

Marcia M. Ward, Ph.D.
Deputy Director
Center for Health Policy and Research

CENTER ASSOCIATES*
July 1, 2001 to June 30, 2002

Elizabeth Altmaier, Ph.D.	Dept. of Psychological & Quantitative Foundations
Rachel Anderson, Ph.D.	Department of Health Management and Policy
Christopher Atchison, M.P.A.	Department of Health Management and Policy
Julie Ganther, Ph.D.	College of Pharmacy
Barry Greene, Ph.D.	Department of Health Management and Policy
Charles Helms, M.D., Ph.D.	Department of Internal Medicine
R. Edward Howell, M.S.	Department of Health Management and Policy
Brian Kaskie, Ph.D.	Department of Health Management and Policy
Samuel Levey, Ph.D.	Department of Health Management and Policy
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

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

CENTER AFFILIATES **
July 1, 2001 to June 30, 2002

Marc Armstrong, Ph.D.	Department of Geography
David Bennett, Ph.D.	Department of Geography
Robert Buchanan, Ph.D.	Texas A & M University
Kathleen Buckwalter, R.N., Ph.D.	College of Nursing
Elizabeth Chrischilles, Ph.D.	Department of Epidemiology
Howard Cowen, D.D.S.	Dept. of Preventive & Community Dentistry
Bradley Doebbeling, M.D., M.S.	Department of Internal Medicine
Ronald Ettinger, D.D.S.	Department of Prosthodontics
Keela Herr, R.N., Ph.D.	College of Nursing
Norma Hirsch, M.D.	Department of Pediatrics
Meridean Maas, R.N., Ph.D.	College of Nursing
Claire Pavlik, Ph.D.	Department of Geography
Jane Pendergast, Ph.D.	Department of Biostatistics
Catherine Watkins, D.D.S.	Dept. of Preventive & Community Dentistry
Michele West, Ph.D.	Department of Epidemiology

** Center Affiliates include faculty who receive a portion of salary support from research projects based in the Center

GRADUATE RESEARCH ASSISTANTS ***
July 1, 2001 to June 30, 2002

Scot Boespflug	College of Education
Bobbi Buckner	Department of Health Management and Policy
Christina Freese	Department of Health Management and Policy
Debra Giles	Department of Health Management and Policy
James Hibler	Department of Health Management and Policy
James Hurley	Department of Health Management and Policy
Sara Imhof	Department of Health Management and Policy
Mirou Jaana	Department of Health Management and Policy
Todd Kopelman	College of Education
Sarah Meedel	Department of Health Management and Policy
Meridith Nelson	Department of Health Management and Policy
Alice Park	Department of Health Management and Policy
Jane Price	College of Nursing
Chad Shearer	Department of Health Management and Policy
Quincy Smiling	College of Education
Julie Weih	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

**RESEARCH PROJECTS WITH CHPR ASSOCIATES AS PRINCIPAL INVESTIGATORS
July 1, 2001 to June 30, 2002**

Title: "Midwest AIDS Training and Education Center"
Source: HRSA through the University of Illinois
Principal Investigator: Charles Helms
Total direct funds: \$836,036
Period of funding: 1988 – 2002
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: "T-Cell Depletion in Unrelated Donor Marrow Transplantation Study"
Source: Emmes Corp
Principal Investigator: Elizabeth Altmaier
Total direct funds: \$570,984
Period of funding: 1994 – 2002
Description: The Unrelated Donor Marrow Transplantation Trial is a national randomized clinical trial involving fourteen sites in the U.S. All patients who are unable to find a "related donor" for marrow transplantation are matched instead by the National Bone Marrow Registry. The Trial randomizes patients to either the conventional arm or the T-cell depletion arm for comparison of results. The University of Iowa is the leader for the Health Quality of Life Component of the Trial.

Title: "Pregnancy Outcome after Treatment of Cervical Dysplasia"
Source: NIH/NICHD
Principal Investigator: Lynn C. Sadler; Audrey Saftlas (PI, U of Iowa Subcontract)
Total direct funds: \$133,334
Period of funding: 1999 – 2002
Description: This project is a retrospective cohort study of women seen at the City of Auckland's Culposcopy Clinic. The goal of the project is to follow subjects for up to 11 years to determine if treatment for cervical dysplasia increases the risk of preterm delivery.

- Title: "Improving Quality of End of Life Care in Iowa"
Source: Robert Wood Johnson Foundation
Principal Investigator: Douglas Wakefield
Key Personnel: Tanya Uden-Holman, Ronald Ettinger, Keela Herr, Catherine Watkins, Howard Cowen, Norma Hirsch
Total direct funds: \$450,036
Period of funding: 1999 – 2002
Description: The purpose of this grant is to create a statewide network of organizations and individuals collaborating to improve end-of-life care throughout Iowa. The grant is supporting four major initiatives: Integrating Pain as the 5th Vital Sign; Implementing Out-of-Hospital Do Not Resuscitate Orders; Evaluating End-of-Life Oral Health Issues; and Enhancing Community Engagement to Improve End-of-Life Care Locally.
- Title: "Provisions of Health and Social Services to Persons with Dementia in Marin County"
Source: The Marin Community Foundation
Principal Investigator: Brian Kaskie
Total direct funds: \$45,000
Period of funding: 2000 – 2002
Description: The objectives of this research are to estimate the number of persons over the age of 65 who live in Marin County and may be suffering with the clinical dementia syndrome, account for the structures and workforce that provide health and social services to persons with dementia across community and residential settings, highlight particular strengths and weaknesses, and offer responses to the challenges concerning the growing number of persons with dementia in Marin County.
- Title: "SB910 Aging Related Research"
Source: University of California, San Francisco
Principal Investigator: Brian Kaskie
Total direct funds: \$38,215
Period of funding: 2000 – 2002
Description: The goals of this Strategic Planning Initiative include: (1) a description of current state resources related to aging; (2) a summary of existing knowledge regarding the current and projected future needs of the state's aging population (e.g., demographics, health and long-term care, housing, economic well-being, transportation); and (3) an analysis on current resources in light of current and future needs including a summary of major gaps that have been identified to date.

Title: "Project Hometown: 2000 - 2003"
Source: Public Health Service Department of Health and Human Services
Principal Investigator: Barry Greene
Total direct funds: \$61,041
Period of funding: 2000 – 2003
Description: In this project, the students will learn about specific communities in the state of Iowa using Internet-based information technologies and databases. The proposed project will enable university based students to collaborate with community based sponsors which will jointly serve to enhance health services management education and community healthcare planning needs.

Title: "An Assessment of the Mental/Behavioral Health Needs and Services within the Iowa Department of Corrections"
Source: Iowa Department of Corrections
Principal Investigator: Rachel Anderson
Key Personnel: Marcia Ward, Barry Greene
Total direct funds: \$128,986
Period of funding: 2001 – 2002
Description: Using a needs-based planning approach, this research aims to describe the characteristics and clinical needs of inmates and to understand the relationship between these needs and the use of mental health services across all Iowa Department of Corrections (DOC) facilities. This process is relevant to program and systems planning regarding treatment development and level-of-care for adults who have been placed with the DOC.

Title: "Adolescent Mental Health and Substance Abuse"
Source: College of Public Health/College of Medicine
University of Iowa
Principal Investigator: Rachel Anderson
Total direct funds: \$9,982
Period of funding: 2001 – 2002
Description: This study examines the clinical and psychosocial needs and strengths of adolescents with serious emotional disturbance and substance abuse problems. Its aim is to examine factors associated with level of care placement, treatment effectiveness, and unmet needs related to the delivery of mental health and substance abuse services for adolescents and families served by child welfare.

Title: "Validity of the Minimum Data Set Depression Rating Scale"
Source: National Institutes of Health
Principal Investigator: Rachel Anderson
Key Personnel: Kathleen Buckwalter, Meridean Maas, Robert Buchanan
Total direct funds: \$12,000
Period of funding: 2001 – 2002
Description: The objective of this proposal is to validate and test the reliability of a newly developed assessment instrument for depression that will utilize existing staff and resources to more precisely measure symptoms associated with depression in nursing home residents. The overall goal for this research is to strengthen the process of symptom recognition for nursing home residents who suffer from depression that will lead to the development and implementation of diagnostic, prevention and early intervention efforts and maximize the effectiveness of available treatment interventions and services.

Title: "Analysis of Doctors of Chiropractic and MD Primary Care Physicians Interprofessional Referral Patterns"
Source: NIH/NCCAM
Principal Investigator: Barry Greene
Total direct funds: \$172,731
Period of funding: 2001 – 2003
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: NIH/NICHD
Principal Investigator: Audrey Saftlas
Total direct funds: \$1,992,490
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: “Web-Based Field Integration Model for Public Health Education”
Source: Association of Schools of Public Health
Principal Investigator: Barry Greene
Total direct funds: \$20,000
Period of funding: 2001 – 2003
Description: The purpose of this project is to design and begin implementation of a generic conceptual framework for the development of a web based communication system for curricular information and resource exchanges. This framework, the Field Integration Mode, will be based on the core functions and ten essential services model and serve the academic and practice communities of the Upper Midwest Public Health Training Center.

Title: “Maternal-Fetal HLA Sharing and Risk of Preeclampsia”
Source: Association of Schools of Public Health
Principal Investigator: Audrey Saftlas
Total direct funds: \$2,188,737
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: “Cost-Effectiveness Model for Treatment of BPH”
Source: Boehringer Ingelheim
Principal Investigator: Robert Ohsfeldt
Total direct funds: \$72,849
Period of funding: 2002 – 2002
Description: The goal of this project is to evaluate the potential cost-effectiveness of tamsulosin in the management of mild to moderate BPH. To do so, the best available estimates from the literature regarding cost and outcome effects of tamsulosin and alternative medications will be applied in a decision analytic model.

- Title: “Policy Factors Associated with Medicare Mental Health Services”
Source: University of Iowa College of Public Health/College of Medicine
Principal Investigator: Brian Kaskie
Total direct funds: \$10,000
Period of funding: 2002 – 2003
Description: Even though effective forms of specialty treatment have been identified, less than 25% of those older adults with a diagnosable mental illness obtain specialty care. This lack of specialty service use among older adults with mental illness constitutes a substantive health policy problem. This project, involving a systematic evaluation of the local carrier policies, may help to identify the factors that are associated with variability in the use of specialty mental health services.
- Title: “An Interdisciplinary Approach to Improving Patient Safety”
Source: Iowa Department of Public Health
Principal Investigator: Tanya Uden-Holman
Total direct funds: \$23,127
Period of funding: 2002 – 2003
Description: The project goal is to define factors in the organizational environment that impede or facilitate voluntary reporting processes and bring together an interdisciplinary team of healthcare providers to facilitate discussions in order to increase voluntary reporting and improve patient safety in rural hospitals that are Institute for Quality Healthcare members.
- Title: “Evaluation of the Implications of Implementing the Leapfrog Group’s Patient Safety Standards in Iowa Hospitals”
Source: Iowa Department of Public Health/CDC
Principal Investigator: Douglas Wakefield
Key Personnel: Robert Ohsfeldt, Marcia Ward
Total direct funds: \$99,980
Period of funding: 2002 – 2003
Description: The purpose of this study is to evaluate the potential effect of third-party payers using their economic purchasing power to stimulate the potential effects in Iowa of implementing the three patient safety standards developed by the Leapfrog Group: (1) computer-based physician order entry systems; (2) evidence-based hospital referrals; and specific ICU physician staffing.

Title: "Economic Analysis of Health Plan Provider Contract Regulation in California, 1997-2001"
Source: University of Iowa College of Public Health/College of Medicine
Principal Investigator: John Schneider
Total direct funds: \$10,000
Period of funding: 2002 – 2003
Description: State enactment of managed care (MCO) regulations has diffused rapidly in the U.S. during the past five years. Whereas the economic effects of regulation in general are well understood, the application of that body of knowledge to MCO regulation has not been examined. This project is a case study of MCO regulation enacted in California from 1990 to 2001. California is chosen because of its high level of regulatory activity during the past decade. The two aims of the study are (1) to identify and categorize all of the MCO regulations enacted in California from 1990 to 2001; and (2) to conduct statistical analyses to explore the hypotheses that MCO regulations are likely to raise the average costs of health care. The overall research design is a multivariable statistical analysis of panel data on health plan costs.

Title: "A GIS-Based Workbench to Interpret Cancer Maps"
Source: NIH
Principal Investigator: Gerard Rushton
Key Personnel: Barry Greene, Marc Armstrong, David Bennett, Elizabeth Chrischilles, Bradley Doebbeling, Claire Pavlik, Jane Pendergast
Total direct funds: \$1,333,263
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 services providers.

**OTHER RESEARCH PROJECTS SUPPORTING CHPR ASSOCIATES
July 1, 2001 to June 30, 2002**

Title: "Physician Education on Diabetes"
Source: Wellmark
Principal Investigator: Linda Snetselaar
Center Investigator: Tanya Uden-Holman
Total direct funds: \$49,440
Period of funding: 1999 – 2002

Title: "Case Management for Rural Substance Abuse"
Source: SAMSHA-CSAT
Principal Investigator: James Hall
Center Investigator: Thomas Vaughn
Total direct funds: \$1,336,300
Period of funding: 1999 – 2002

Title: "Epidemiology and Control of Antimicrobial Resistance in Hospitals"
Source: Department of Veterans Affairs
Principal Investigator: Bradley Doebbeling
Center Investigators: Thomas Vaughn, Marcia Ward
Total direct funds: \$758,800
Period of funding: 1999 – 2003

Title: "Determinants of Clinical Guidelines Implementation Effectiveness"
Source: Department of Veterans Affairs
Principal Investigator: Bradley Doebbeling
Center Investigators: Marcia Ward, Thomas Vaughn
Total direct funds: \$750,000
Period of funding: 1999 – 2003

Title: "Improving Patient Safety and Health Outcomes"
Source: Association of Schools of Public Health
Principal Investigator: Christopher Atchison
Center Investigators: Lawrence Prybil, Tanya Uden-Holman, Douglas Wakefield
Total direct funds: \$549,405
Period of funding: 2000 – 2001

Title: “Evaluating the Effects of Multi-Tiered Pharmacy Benefits on Patient Purchasing Behavior”
Source: The Quality Care Research Fund, Merck and Co. Inc
Principal Investigator: Kavita Nair
Center Investigator: Julie Ganther
Total direct funds: \$197,085
Period of funding: 2000 – 2001

Title: “The Role of Consumer Medical Care Preferences in the Use of Over the Counter Medications and Herbal Therapies”
Source: The American Association of Colleges of Pharmacy New Investigator Program, sponsored by The American Foundation for Pharmaceutical Education and Burroughs Wellcome Fund
Principal Investigator: Julie Ganther
Total direct funds: \$8,924
Period of funding: 2000 – 2001

Title: “Dehydration Study”
Source: Veterans Affairs Medical Center
Principal Investigator: Bonnie Wakefield
Center Investigator: Tanya Uden-Holman
Total direct funds: \$20,958
Period of funding: 2000 – 2001

Title: “Outsourcing VA Inpatient Care: Impact on Utilization, Quality and Policy”
Source: VA-HSR&D
Principal Investigator: Gary Rosenthal
Center Investigator: Douglas Wakefield
Total direct funds: \$636,133
Period of funding: 2000 – 2002

Title: “Improving the Research Infrastructure of Family Medicine and General Internal Medicine”
Source: HRSA
Principal Investigator: Cynda Johnson/Gary Rosenthal
Center Investigators: Thomas Vaughn, Marcia Ward
Total direct funds: \$574,000
Period of funding: 2000 – 2003

Title: "Iowa Center for Public Health Preparedness"
Source: Centers for Disease Control and Prevention
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman
Total direct funds: \$467,332
Period of funding: 2000 – 2003

Title: "Nurse Staffing and Quality of Care"
Source: National Institute of Nursing Research
Principal Investigator: Mary Blegen
Center Investigator: Thomas Vaughn
Total direct funds: \$924,100
Period of funding: 2000 – 2003

Title: "Upper Midwest Public Health Training Center"
Source: HRSA
Principal Investigator: Christopher Atchison
Center Investigators: Barry Greene, Tanya Uden-Holman
Total direct funds: \$10,153
Period of funding: 2001 – 2002

Title: "Educational Outreach Programs to Iowa Communities"
Source: Principal Financial Group Foundation
Principal Investigator: Lawrence Prybil
Total direct funds: \$11,000
Period of funding: 2001 – 2002

Title: "Tobacco Intervention Programs for Pregnant Women"
Source: Iowa Department of Public Health
Principal Investigator: John Lowe
Center Investigator: Marcia Ward
Total direct funds: \$923,145
Period of funding: 2001 – 2005

Title: "Lung Cancer Care Outcomes/Surveillance Consortium Iowa"
Source: NCI
Principal Investigator: Robert Wallace
Center Investigator: Julie Ganther
Total direct funds: \$959,005
Period of funding: 2001 – 2006

Title: "Impact of the Iowa Priority Brown Bag Medication Review on the Safety, Effectiveness and Efficiency of Seniors' Medication Use"
Source: Iowa Department of Public Health
Principal Investigator: Karen Farris
Center Investigator: Julie Ganther
Total direct funds: \$92,934
Period of funding: 2002 – 2003

PUBLICATIONS BY CHPR ASSOCIATES
JULY 1, 2001 to JUNE 30, 2002

Anderson RL, Lyons JS, Giles DM, Price J & Estle G. Examining the reliability of the Child and Adolescent Needs and Strengths-Mental Health (CANS-MH) scale. *Journal of Child and Family Studies*, in press.

Anderson R, Ward M & Greene B. An assessment of the mental health treatment needs and services within the Iowa Department of Corrections. Final report submitted to the Iowa Department of Corrections, April 2002.

Atchison C. Iowa's Mental Health System: Assessing Awareness, Identifying Needs, and Promoting Solutions, *Iowa Mental Health Forum*, Summer 2001.

Baker GR & **Wakefield D.** Domains and core competencies for effective evidence-based practice – quality improvement. *The Journal of Health Administration Education*. Special Issue: The Future of Education and Practice in Health Management and Policy: Proceedings from the National Summit, 2001.

Culica D, Rohrer J, **Ward M**, Hilsenrath P & Pohmrehn P. Medical check-ups: Who doesn't get them? *American Journal of Public Health*, 92:88-91, 2002.

Doebbeling BN, **Vaughn TE**, Woolson RF, Peloso P, **Ward MM**, Letuchy E, BootsMiller B, Tripp-Reimer T & Branch L. Benchmarking Veterans Affairs Medical Centers in the delivery of preventive health services: Comparison of methods. *Medical Care*, 40:540-554, 2002.

Fraley SS & **Altmaier EM.** Correlates of patient satisfaction among menopausal women. *Journal of Clinical Psychology in Medical Settings*, 9:235-243, 2002.

Ganther JM. Third party insurance coverage for pharmacist services: Why has it been so difficult to achieve and is it really the answer for pharmacy? *Journal of the American Pharmaceutical Association*, in press.

Ganther JM & Doucette WR. Pharmacotherapy management and managed care. In *Modern Pharmaceuticals*, 4th Edition, New York: Marcel Dekker Inc., May, 2002.

Gavin N, **Ohsfeldt R & Thorp J.** Determinants of hormone replacement therapy duration among postmenopausal women with intact uteri. *Menopause*, 8(5):377-383, 2001.

Gorbatenko-Roth KG, Levin IP, **Altmaier EM & Doebbeling BN.** Accuracy of health-related quality of life assessment: What is the benefit of incorporating patients' preferences for domain functioning? *Health Psychology*, 20:136-140, 2001.

Greene BR (Editor). Special Issue: Quality of Care Part 1. *Journal of Ambulatory Care Management*, 25(1), 2002.

Greene BR (Editor). Special Issue - Quality of Care: Part 2. *Journal of Ambulatory Care Management*, 25(2):89, 2002.

Greene BR, Kralewski JE, Gans DN & Klinkel DI. A comparison of the performance of hospital and physician owned medical group practices. *Journal of Ambulatory Care Management*, 25(4), 2002.

Hendryx MS, **Wakefield DS**, Murray JF & **Uden-Holman TM**. Economic outcome information to profile physician performance. *Health Services Research Management*, in press.

Javitz HS & **Ward MM**. Value of antimicrobials in the prevention and treatment of tuberculosis in the U.S. *International Journal of Tuberculosis and Lung Disease*, 6(4):275-288, 2002.

Javitz HS, **Ward MM**, Farber E, Nall L & Vallow SG. The direct cost of care for psoriasis and psoriatic arthritis in the United States. *Journal of the American Academy of Dermatology*, in press.

Jonas WB, **Anderson RL**, Crawford CC & Lyons JS. A systematic review of the quality of homeopathic clinical trials. *BMC Complementary and Alternative Medicine*, 1(12), 2001.

Kaskie B & Estes C. Mental health services policy for the aging. *Journal of Gerontological Social Work*, in press.

Levey S, Battistella RM & Weil TP. Responding to challenges in health management education. *Journal of Health Administration Education*, 19(4):457-73, 2001.

Levey S, Hill J & **Greene BR**. Leadership in health care and the leadership literature. *Journal of Ambulatory Care Management*, 25(2):68-77, 2002.

Magill G & **Prybil L**. Guidelines for organizational ethics. *Health Progress*, 82:12-14, 2001.

McGarry K & **Kaskie, B**. The economic well-being of older Californians: A report submitted to the Older Californians Strategic Planning Initiative. Sacramento, CA: California Health and Human Services Agency, 2001.

Nair KV, **Ganther JM**, Valuck RJ, McCollum M & Lewis SJ. Improving formulary compliance with managed care members. *Drug Benefit Trends*, 14(7):44-46, 2002.

Ohsfeldt R, O'Connor L, Kemner J & Solomon T. Patterns of physician-reported diagnoses among women receiving prescriptions for raloxifene. *American Journal of Health-Systems Pharmacy*, 58(19):1846-1849, 2001.

Patrick LE, **Altmaier EM**, Kuperman S & Ugolini K. Development of a medical school admissions interview: Phase 1. Initial procedures and results. *Academic Medicine*, 76, 66-71, 2001.

Prybil L. Profile of a career. In *Careers in Health Care Management: How to Find Your Path and Follow It* (Chicago: Health Administration Press), pp. 135-138, 2002.

Saleh S, **Vaughn TE** & Rohrer TE. Rural hospitals and the adoption of managed care strategies. *The Journal of Rural Health*, 17(3):210-219, 2001.

Scharlach A, Torres-Gil F & **Kaskie B**. *The Older Californians Strategic Planning Initiative: Policy report*. Sacramento, CA: California Health and Human Services Agency, 2001.

Smith M, **Greene BR** & Meeker W. The CAM movement and the integration of quality health care: The case of chiropractic. *Journal of Ambulatory Care Management*, 25(2):1-16, 2002.

Stockman AF & **Altmaier EM**. Relation of self-efficacy to reported pain and pain medication usage during labor. *Journal of Clinical Psychology in Medical Settings*, 8:161-166, 2001.

Thorp J, Gavin N & **Ohsfeldt R**. Hormone replacement therapy in postmenopausal women: Utilization of health care resources in new users. *American Journal of Obstetrics and Gynecology*, 185(2):318-326, 2001.

Vaughn T, McCoy K, BootsMiller B, Sorofman B, Tripp-Reimer T, Perlin J & Doebbeling BN. Organizational predictors of adherence to ambulatory care screening guidelines. *Medical Care*, in press.

Vaughn TE, **Ward MM**, Doebbeling BN, **Uden-Holman T**, Clarke WR & Woolson RF. Organizational and provider characteristics fostering smoking cessation clinical guideline adherence: An empirical look. *Journal of Ambulatory Care Management*, 25(2):17-31, 2002.

Ward MM, Javitz HS, Smith WM & Whan MA. Lost income and work limitations in persons with chronic respiratory disorders. *Journal of Clinical Epidemiology*, 55(3):260-268, 2002.

Ward MM, **Vaughn TE**, **Uden-Holman T**, Doebbeling BN, Clarke WR & Woolson RF. Physician knowledge, attitudes, and practices regarding a widely implemented guideline. *Journal of Evaluation in Clinical Practice*, 8:155-162, 2002.

PRESENTATIONS BY CHPR ASSOCIATES
July 1, 2001 to June 30, 2002

Anderson RL. Pursuing parity. Presentation to the National Academy for State Health Policy: Inch by inch, state by state: Advancing the health reform debate. Presented at the National Academy for State Health Policy, North Carolina, August 2001.

Atchison CA. Enumerating the public health workforce. Presented at the American Public Health Association, Atlanta, Georgia, October 2001.

Atchison CA. Workforce development. Presented at the Public Health Leadership Society – Teleconference, October 2001.

Atchison CA. The role of academic public health practice. Panelist at the American Public Health Association Public Health Caucus, October 2001.

Atchison CA. A new spotlight on rural health. Presented at the Iowa Rural Health Association, November 2001.

Baker GR & **Wakefield D.** Domains and Core Competencies for Effective Evidence-Based Practice – Quality Improvement. *The Journal of Health Administration Education*. Special Issue: The Future of Education and Practice in Health Management and Policy: Proceedings from the National Summit, 2001.

BootsMiller BJ, Welke KF, McCoy KD, **Vaughn TE, Ward MM,** Woolson RF & Doebbeling BN. Strategies that improved knowledge of the VA CHF practice guideline did not increase compliance. Presented at the HSR&D Service 20th Annual Meeting, Washington, DC, February 2002.

Diekema D, Franciscus C, **Vaughn T, Ward M,** Woolson R, Pfaller M, BootsMiller B & Doebbeling B. Clinical microbiology laboratory (CML) support for infection control (IC) and antimicrobial resistance (AMR) control. Presented at the 41st Annual ICAAC Meeting, Chicago IL, December 2001.

Doebbeling BN, **Vaughn TE,** Letuchy E, Branch LG, **Ward MM,** Woolson RF, BootsMiller BJ, Tripp-Reimer T & Peloso PM. Benchmarking VAMCs in delivery of evidence-based clinical preventive services. Presented at the VA Health Services Research and Development 20th Annual Meeting, Washington DC, February 2002.

Ganther JM. The role of medical care preferences in the use of over-the-counter medications. Presented at the Wintergreen Research Conference in Pharmacy Administration, Wintergreen VA, October 2001.

Ganther JM. A multivariate model of herbal therapy use: The role of consumer medical care preferences, over-the-counter medication use and prescription drug use. Presented at the 149th Annual Meeting of the American Pharmaceutical Association, Philadelphia PA, March 2002.

Gray G, Gilchrist M, Diekema D & **Uden-Holman T.** Bioterrorism panel: Physician effectiveness and collaborative preparedness during large scale community emergency. Panel presentation at the 2002 Iowa Chapter Scientific Meeting – American College of Physicians – American Society of Internal Medicine, May 2002.

Kaskie B. Programs and policies pertaining to older Iowans with mental illness. Presented at the annual meeting of the Iowa Department of Public Health, Ames, IA, March 2002.

Kaskie B. Mental health care for persons with dementia: An analysis of state policy activity. Presented at the annual Alzheimer's Association National Public Policy Forum, Washington, D.C., April 2002.

Klinge CJ, Cerhan JH, Johnson SR & **Altmaier EM.** Long-term follow-up of patients with chronic pelvic pain following negative laparoscopy. Paper presented at the Society for Laparoscopic Surgeons, New York, December 2001. Abstracted published in the Journal of the Society of Laparoscopic Surgeons, 5:390.

Nair KV, Valuck RJ, McCollum M & **Ganther JM.** Impact of multi-tiered pharmacy benefits on patient attitudes. Presented at the American Pharmaceutical Association Annual Meeting, Philadelphia, PA, March 2002.

Nair KV, Wolfe P, **Ganther JM,** Valuck RJ, McCollum M & Lewis S. Impact of multi-tiered pharmacy benefits on patient attitudes and behavior. Presented at ISPOR 7th Annual International Meeting, Arlington, VA, May 2002.

Nora JJ, Diekema DJ, **Vaughn TE, Ward MM,** BootsMiller BJ, Franciscus CJ, Woolson RF & Doebbeling BN. Antimicrobial resistance (AMR) in epidemiologically-important organisms in US hospitals. Presented at the 39th Annual IDSA Meeting, San Francisco, October 2001.

Nora JJ, Diekema DJ, **Vaughn TE, Ward MM,** Franciscus CJ, BootsMiller BJ, Woolson RF & Doebbeling BN. Implementation of guidelines to control antimicrobial resistance (AMR) in US hospitals. Presented at the 39th Annual IDSA Meeting, San Francisco, October 2001.

Ohsfeldt R. Effects of any willing provider and freedom of choice laws on HMO market share. Presented at the Western Economic Association, Seattle, WA, June, 2002.

Peloso PM, Carney-Doebbeling C, **Vaughn TE**, BootsMiller BJ, Welke KF, Leutchy E, Franciscus C, Woolson RF & Doebbeling BN. Predictors of screening for depression in a national sample. Presented at the HSR&D Service 20th Annual Meeting, Washington, DC, February 2002.

Prybil L. Disaster response forum. Presentation co-sponsored by MPH/MHA Student Association and College of Public Health at the University of Iowa, 2001.

Prybil L. An overview of the College of Public Health and its external fund development program. Presented at the University of Iowa Foundation, 2001.

Prybil L. Leadership, ethics, and Catholicism: Comments on contemporary healthcare issues and ethics. Presented at the Iowa City Newman Center, 2002.

Rippentrop AE & **Altmaier EM.** Religiosity and spirituality and their relationship to quality of life in cancer patients. Paper presented at the American Psychological Association, San Francisco, August 2001.

Sorofman BN, Tripp-Reimer T, DeWitte J, BootsMiller BJ, **Vaughn TE**, **Ward MM** & Doebbeling BN. Differing views of clinical practice guidelines: Variation by role responsibility. Presented at the VA Health Services Research and Development 20th Annual Meeting, Washington DC, February 2002.

Streyffeler L & **Altmaier EM.** Relationships with and experiences of G-d from a Jewish perspective. Paper presented at the American Psychological Association, San Francisco, August 2001.

Uden-Holman T & Daniel D. An interdisciplinary approach to improving patient safety. Presented at Iowans Mobilizing Action for Patient Safety: A Conference to Present Iowa's CDC-Supported Research, Iowa Department of Public Health, Des Moines, IA, June 2002.

Vaughn TE, Welke KF, **Ward MM**, McCoy KD, BootsMiller BJ, Woolson RF & Doebbeling BN. Organizational structures support implementation and adherence to VA clinical practice guidelines. Presented at the VA Health Services Research and Development 20th Annual Meeting, Washington DC, February 2002.

Wakefield DS. Advances in patient safety. Presented at the Iowa Hospital Association Board Retreat, Spencer, Iowa, August 2001.

Wakefield DS. Patient safety initiatives in Iowa. Presented at the University of Iowa Nurse Leadership Development Program, Iowa City, IA, November 2001.

Wakefield DS. Development of an operational model for examining delivery of coronary bypass surgery. Presented at the HSR&D Meeting, Washington, DC, February 2002.

Wakefield DS. Voluntary reporting of adverse events and patient care errors: Is the resulting information yield good enough. Presented at the Mayo Health Services Research Seminar, Rochester, MN, January 2002.

Wakefield DS. The moving target of quality management in healthcare organizations. Presented at the Institute for Leadership Development, University of Michigan, February 2002.

Wakefield DS. Thoughts on how we plan: Introduction to scenario planning. Presented at the AAMC-GIR Annual Meeting, Pasadena, CA, March 2002.

Wakefield DS. Rolling your own institutional leadership development program. Presented at the AAMC-GIR Annual Meeting, Pasadena, CA, March 2002.

Wakefield DS. Facilitated discussion of the implications of measuring competencies of graduate of health management programs. Discussion facilitator at the AUPHA Leader Conference, Chicago, IL, March 2002.

Wakefield DS. Emerging trends in quality and patient safety. Presented at the Clinical Nurse Leadership Development Academy, Iowa City, IA, March 2002.

Wakefield DS. Variations in patient safety and error indicators used by acute care hospitals. Presented at the Iowans Mobilizing Action for Patient Safety Conference Iowa Department of Public Health, Des Moines, IA, June 2002.

EDUCATIONAL ACTIVITIES

July 1, 2001 to June 30, 2002

On April 8, 2002 the Center co-sponsored its second annual policy symposium, titled “New Models for a New Reality: Improving Iowa’s Preparedness Capacity”. It was designed to address the emerging understanding of community preparedness by bringing together leaders in health, education, government, law, finance, and communications to share their experiences and lessons learned from past events, and to discuss strategies for strengthening Iowa’s preparedness capacity. Speakers at the conference included:

- Christopher G. Atchison, University of Iowa
- Keith Erickson, Director, Linn County Public Health, Cedar Rapids, IA
- Steven C. Garner, Senior Vice President and Chief Medical Officer, Saint Vincent Catholic Medical Centers, Jamaica, NY
- Mary Gilchrist, Director, University of Iowa Hygienic Laboratory
- Stephen C. Gleason, Director, Iowa Department of Public Health
- Ellen M. Gordon, Administrator, Iowa Emergency Management Division, and Iowa Homeland Security Advisor, Des Moines, IA
- Tom Harkin, U.S. Senator (D-Iowa)
- Mary J. Jones, Program Director, Office of Medical and Public Health Disaster Preparedness, Iowa Department of Public Health, Des Moines, IA
- James Leach, U.S. Congressman (R-Iowa)
- Daniel Lee, Chief Planner, Iowa Emergency Management Division, Des Moines, IA
- Cortland Lohff, Assistant State Epidemiologist, Iowa Department of Public Health, Des Moines, IA
- Timothy L. Luloff, EMS Assistant Coordinator, Des Moines, IA
- John Lumpkin, Director, Illinois Department of Public Health, Springfield, IL
- Armond Mascelli, Senior Director, Disaster Services, American Red Cross, Washington, DC
- James A. Merchant, Dean, University of Iowa College of Public Health
- Anthony D. Moulton, Director, Public Health Law Program Public Health Practice Program Office, Centers for Disease Control and Prevention, Atlanta, GA
- Len Murray, Bomb Squad Commander, City of Des Moines Police Department, Des Moines, IA
- Gary D. Osweiler, Professor, Veterinary Medicine, Iowa State University, Ames IA
- Patricia Quinlisk, State Epidemiologist, Iowa Department of Public Health, Des Moines, IA
- Art Spies, Senior Vice President for Membership Services, Iowa Hospital Association, Des Moines, IA
- Eric Tabor, Chief of Staff, Office of the Iowa Attorney General, Des Moines, IA
- Douglas S. Wakefield, Professor and Head, Department of Health Management and Policy, University of Iowa College of Public Health
- Patrick White, Johnson County Attorney, Iowa City, IA

This year, the conference was jointly sponsored by the University of Iowa College of Public Health's Iowa Center for Public Health Preparedness through a grant received from the U.S. Centers for Disease Control and Prevention; the Center for Health Policy and Research; the University of Iowa Colleges of Medicine and Pharmacy, in cooperation with the College of Nursing.

Report from last year's conference

A report of the conference that was held last year was published this year. "Enhancing Patient Safety and Health in Iowa: Conference and Workshop Final Report" was authored by James A. Merchant, Christopher G. Atchison, Lawrence D. Prybil, Douglas S. Wakefield, Tanya Uden-Holman and Laurie Walkner. This report provided the text of the presentations made by the speakers at the annual policy conference last year along with a vision statement, key principles and recommendations for developing a statewide framework for patient safety and health in Iowa.

Weekly seminars

In addition to the annual conference series, the Center for Health Policy and Research hosted weekly activities during the academic year. These included 8 invited seminars featuring speakers largely from outside the Center, 10 research updates over-viewing recent research approaches and methods by Center associates, and 8 journal club meetings to discuss timely empirical articles involving health policy and services research. During the spring semester, we tried a different approach, which was to have these weekly activities focus on a specific theme. The theme was health economics. 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, 2001 to June 30, 2002

Invited Speaker	Date	Title of Presentation
Randy Hirokawa, Ph.D. Communications Dept. University of Iowa	September 26, 2001	Characteristics of effective health care teams: A narrative approach
Mary Gilchrist, Ph.D. Director, Hygienic Lab University of Iowa	October 10, 2001	Establishing policy for a distributed network of bioterrorism laboratories
David Osterberg, M.A., M.S. Occupational and Environmental Health, University of Iowa	November 7, 2001	Making environmental policy: Representing citizens and states before U.S. Nuclear Regulatory Commission
Gerard Rushton, Ph.D. Dept. of Geography University of Iowa	December 12, 2001	Potential use of geographic information science in cancer control and prevention
John Solow, Ph.D. Economics Department University of Iowa	February 21, 2002	Exorcising the ghost of cigarette advertising past: Collusion, regulation, and fear advertising
William Doucette, Ph.D. College of Pharmacy University of Iowa	March 14, 2002	A multi-case study of pharmacist-physician collaboration
Julie Ganther, Ph.D. College of Pharmacy University of Iowa	April 4, 2002	Consumer response to multi-tier pharmacy benefit plans
John Brooks, Ph.D. College of Pharmacy University of Iowa	May 9, 2002	Was lumpectomy underutilized for early stage breast cancer? Instrumental variables evidence from Iowa

RESEARCH UPDATES
July 1, 2001 to June 30, 2002

Presenter	Date	Title of Presentation
Rachel Anderson, Ph.D. Dept. of Health Management and Policy University of Iowa	September 19, 2001	Variations in the clinical presentation of older adults admitted to inpatient psychiatric treatment: Implications for resource allocation
Brian Kaskie, Ph.D. Dept. of Health Management and Policy University of Iowa	October 24, 2001	Programs and services for persons with dementia living in Marin County
Audrey Saftlas, Ph.D. Dept. of Epidemiology University of Iowa	November 14, 2001	The Iowa Health in Pregnancy Studies
Rachel Anderson, Ph.D. Christopher Atchison, M.P.A. Dept. of Health Management and Policy University of Iowa	December 5, 2001	Building agreement on the need to reform mental health services in Iowa
Marcia Ward, Ph.D. Dept. of Health Management and Policy University of Iowa	February 14, 2002	Cost-of-illness analyses: Goals and methods
Robert Ohsfeldt, Ph.D. Dept. of Health Management and Policy University of Iowa	March 7, 2002	Do state “any willing provider” laws affect the growth of managed care?
John Schneider, Ph.D. Dept. of Health Management and Policy University of Iowa	April 18, 2002	Economic analysis of health plan-provider contract regulation in California, 1995-2001
Debra Giles, M.S. Dept. of Health Management and Policy University of Iowa	Ph.D. student presentation May 2, 2002	Integrating mental health and substance use treatment for adolescents
Robert Montague, M.B.A. Dept. of Health Management and Policy University of Iowa	Ph.D. student presentation May 2, 2002	Variation in methadone treatment practices
Ingrid Philibert, M.H.A. Dept. of Health Management and Policy University of Iowa	Ph.D. student presentation May 2, 2002	Analyzing the antecedents and outcomes of psychological empowerment in a population of residency program directors

JOURNAL CLUB PRESENTATIONS
July 1, 2001 to June 30, 2002

Presenter and Discussion Leader	Date	Journal Article
Mirou Jaana, M.S.	September 12, 2001	Lipson LR & Henderson TM. State initiatives to promote telemedicine. <i>Telemedicine Journal</i> , 2: 109-121, 1996
Rob Montague, M.B.A. Mirou Jaana, M.S.	October 3, 2001	Silverstein M, Angelelli JJ & Parrott TM. Changing attitudes toward aging policy in the United States during the 1980s and 1990s: A cohort analysis. <i>Journal of Gerontology: Social Sciences</i> , 56B: S36-S43, 2001
Ingrid Philibert, M.H.A.	October 31, 2001	Kraimer ML, Seibert SE & Liden RC. Psychological empowerment as a multi-dimensional construct: A test of construct validity. <i>Educational and Psychological Measurement</i> , 59: 127-142, 1999
Rob Montague, M.B.A.	November 28, 2001	Grazier KL & Pollack H. Translating behavioral health services research into benefits policy. <i>Medical Care Research and Review</i> , 57: 53-71, 2000
Robert Ohsfeldt, Ph.D. John Schneider, Ph.D.	February 7, 2002	Vita MG. Regulatory restrictions on selective contracting: An empirical analysis of 'any-willing-provider' regulations. <i>Journal of Health Economics</i> , 20: 955-966, 2001
John Schneider, Ph.D. Robert Ohsfeldt, Ph.D.	February 28, 2002	Scanlon DP, Chernew M, McLaughlin C & Solon G. The impact of health plan report cards on managed care enrollment. <i>Journal of Health Economics</i> , 21: 19-41, 2002
Robert Ohsfeldt, Ph.D.	March 28, 2002	Cook PJ, et al. Drugs, economics, and policy. <i>Health Affairs</i> , 21: 120-133, 2002; Grossman M, et al. Drugs, economics, and policy. <i>Health Affairs</i> , 21: 134-145, 2002; Gruber J. Drugs, economics, and policy. <i>Health Affairs</i> , 21: 146-162, 2002
Robert Ohsfeldt, Ph.D. John Schneider, Ph.D.	April 25, 2002	Shen Y & Ellis RP. How profitable is risk selection? A comparison of four risk adjustment models. <i>Health Economics</i> , 11: 165-174, 2002