

# Annual Report

Department of Health Management and Policy  
College of Public Health | The University of Iowa

## Center for Health Policy and Research

# 2011

## Research and Educational Activities

105 River Street, N200 CPHB  
Iowa City, IA 52246

Phone: (319) 384-3830  
Fax: (319) 384-4371

<https://www.public-health.uiowa.edu/chpr/> 



## TABLE OF CONTENTS

Center Associates .....	Page 1
Center Affiliates .....	Page 2
Graduate Research Assistants.....	Page 3
Research Projects with CHPR Associates as Principal Investigators.....	Pages 4-11
Projects with CHPR Associates as Principal Investigators, Funded through other Centers .....	Pages 11-14
Other Research Projects Supporting CHPR Associates .....	Page 15
Current and Forthcoming Publications by CHPR Associates .....	Pages 17-19
Current and Forthcoming HMP PhD Student Publications .....	Page 20
Presentations by CHPR Associates .....	Pages 21-25
Invited Seminar Presentations .....	Page 26
Research Updates and Methods Workshops .....	Pages 27-29

### **Center for Health Policy and Research**

#### **Participant-Based Research:**

5237 Westlawn  
Iowa City, IA 52242

#### **Contact:**

Department of Health Management and Policy  
College of Public Health  
University of Iowa  
105 River Street, N200 CPHB  
Iowa City, IA 52246

Telephone: 319/384-3830 | FAX: 319/384-4371

<https://www.public-health.uiowa.edu/chpr/>



## CENTER ASSOCIATES



Christopher Atchison, M.P.A.



Padmaja Ayyagari, Ph.D.



Mary Charlton, Ph.D.



Susan Curry, Ph.D.



Loreen Herwaldt, M.D.



Jason Hockenberry, Ph.D.



Brian Kaskie, Ph.D.



Samuel Levey, Ph.D.



A. Clinton MacKinney, M.D.,  
M.S.



Keith Mueller, Ph.D.



Tanya Uden-Holman,  
Ph.D.



Thomas Vaughn, Ph.D.



Marcia Ward, Ph.D.



George Wehby, Ph.D.



Fredric Wolinsky, Ph.D.



Xi Zhu, Ph.D.

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

**CENTER AFFILIATES \*\***

Barbara Braun, Ph.D.	The Joint Commission
John Brooks, Ph.D.	College of Pharmacy
Jacinda Bunch, R.N.	College of Nursing
Joseph Cavanaugh, Ph.D.	Department of Biostatistics
Li-Wu Chen	University of Nebraska Medical Center
Elizabeth Chrischilles, Ph.D.	Department of Epidemiology
Kaare Christensen, Ph.D.	University of Southern Denmark
Peter Cram, M.D., M.B.A.	Carver College of Medicine
Megan Dotson	Department of Health Management and Policy
William Doucette, Ph.D.	College of Pharmacy
Tim Gutshall, M.D.	Iowa Foundation for Medical Care
Joanne Hafner	The Joint Commission
Chris Hatcher	DotComments, Inc.
Michael Jones, Ph.D.	Department of Biostatistics
Leah Kemper	Washington University-St Louis
Mark Koepke	Iowa Foundation for Medical Care
Eugene Kroch, Ph.D.	Premier CareScience
Rolv T. Lie, PhD	University of Bergen
Charles Lynch, M.D., Ph.D.	Department of Epidemiology
Michelle Martin	Department of Health Management and Policy
Rene Martin, Ph.D.	College of Nursing
Julia Moody	HCA Healthcare
Timothy McBride, Ph.D.	Washington University-St Louis
Lina Moreno Uribe, Ph.D., D.D.S.	College of Dentistry
Paul Mulhausen	Department of Internal Medicine
Ronald Munger, Ph.D.	University of Utah
Jeff Murray, M.D.	Department of Pediatrics
Sue Nardie	University of Nebraska Medical Center
Maksym Obrizan	Department of Economics
Eli Perencevich, M.D., M.S.	Carver College of Medicine
Cheryl Richards	The Joint Commission
Paul Romitti, Ph.D.	Department of Epidemiology
Gary Rosenthal, M.D.	Department of Internal Medicine
Gerard Rushton, Ph.D.	Department of Geography
Diane Schaeffer	Department of Health Management and Policy
Marin Schweizer, Ph.D.	Department of Internal Medicine
Jill Scott-Cawiezell, Ph.D., R.N.	College of Nursing
Edward Septimus, M.D.	HCA Healthcare
Brian Smith, Ph.D.	Department of Biostatistics
Greg Stewart, Ph.D.	Tippie College of Business
Christopher Tompkins, Ph.D.	Brandeis University
Roger Tracy, M.S., M.A.	Carver College of Medicine

Fred Ullrich	Department of Health Management and Policy
Mark Vander Weg, Ph.D.	Department of Internal Medicine
Smruti Vartak, Ph.D.	Department of Health Management and Policy
Kelli Vellinga, R.N.	Iowa Foundation for Medical Care
Barbara Wagoner	Department of Health Management and Policy
Robert Wallace, M.D., M.Sc.	Department of Epidemiology
Melissa Ward	Department of Internal Medicine
Kristi Yeggy	Department of Health Management and Policy
Gideon Zamba, Ph.D.	Department of Biostatistics

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

#### **GRADUATE RESEARCH ASSISTANTS \*\*\***

Suzanne Bentler	Department of Health Management and Policy
Bryan Blum	Department of Health Management and Policy
Stephen Courtright	Tippie College of Business
Anthony Eves	Department of Health Management and Policy
Brian Garter	Department of Health Management and Policy
Tyler Goss	College of Nursing
Carol Guarnizo Herreno	Department of Health Management and Policy
Kyle Kingsley	Department of Health Management and Policy
Tana Luger	Department of Psychology
Christine Brunner-Luse	Department of Health Management and Policy
Thuy Nguyen	Department of Epidemiology
Kwame Nyarko	Department of Health Management and Policy
Anthony Pirrello	Department of Health Management and Policy
Kaitlin Prater	Department of Health Management and Policy
Mehwish Qasim	Department of Health Management and Policy
Kelli Todd	Department of Health Management and Policy
Paula Weigel	Department of Health Management and Policy
Mark Willis	Department of Health Management and Policy
Daniel Winegarden	Department of Health Management and Policy
Heidi Zander	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

### **Loreen Herwaldt, MD (PI)**

*Optimizing Pre-Operative Antibiotic Prophylaxis for Cardiac and Orthopedic Procedures*

US Department of Health & Human Services, Agency for Healthcare Research & Quality

Co-Investigators: Barbara Braun, Joe Cavanaugh, Eli Perencevich, Marcia Ward

Direct Funds: \$1,541,787 | Funding Period: 2010 – 2013

This project includes creating a meta-analysis of the literature on pre-operative antibiotic prophylaxis to prevent surgical site infections and assembling existing practice algorithms on this topic. The second phase involves a multi-site trial of the algorithms in practice.

### **Jason Hockenberry, PhD (PI)**

*Surgeon Human Capital Depreciation Impacts on Resource Use and Patient Outcomes*

US Department of Health & Human Services, Agency for Healthcare Research & Quality

Co-Investigator: Peter Cram

Direct Funds: \$43,153 | Funding Period: 2010 – 2011

The primary aim of this project is to examine the impact of temporal distance and provider volume on quality, as measured by patient outcomes, and efficiency in the context of the US medical care system.

### **A. Clinton MacKinney, MD, MS (PI)**

*Frontier Extended Stay Clinic Program – An Analysis*

Federal Office of Rural Health Policy

Co-Investigator: Keith Mueller

Direct Funds: \$217,645 | Funding Period: 2011 – 2012

Our goal is to provide the Southeast Alaska Regional Health Consortium (SEARHC) an in-depth analysis of the FESC program that is both comprehensive and credible. We anticipate that our report will be the foundation for policy discussions to support continuation and/or expansion of the FESC program.

### **Keith Mueller, PhD (PI)**

*Rapid Response to Requests for Rural Data Analysis and Issue Specific Rural Research Studies*

University of North Carolina at Chapel Hill/US Department of Health & Human Services, Health Resources & Services Administration

Co-Investigator: A. Clinton MacKinney

Direct Funds: \$339,179 | Funding Period: 2010 – 2012

This is to establish a subaward to the University of Iowa from the University of North Carolina for two primary tasks. These tasks are to respond rapidly to requests for rural data analysis and to conduct issue-specific rural research studies within 9 to 12 months from the date of request for the study.





**Keith J. Mueller, PhD**  
**RUPRI Center Director**

### ***Assessing the Impact of e-Health Services in Rural Settings***

**Sponsor: The Leona M. and Harry B. Helmsley Charitable Trust**

A primary aim of this project is to address the policies that affect the provision of healthcare to rural populations. The project uses as its basis an evaluation of telehealth care in a region of the rural Midwest, with the goal of examining the extent to which effectiveness of this innovative care approach can be demonstrated and generalized to other regions of the country. This project carries out this goal by examining the Avera eCARE effort.

The eCARE implementations supported through Avera Health have a common purpose of extending access to urban-based specialty care into rural communities through the local hospital or clinic. The project will serve as a model for remote populations to obtain access to specialized health care through the use of e-health applications.

This project addresses evaluation and policy questions about the electronic healthcare approach and its implementation including:

1. Is the delivery modality efficacious?
2. Is the quality of care rendered of high standard?
3. Do both providers and patients express satisfaction through use and satisfaction metrics?
4. What changes in utilization of services occur?
5. Is the mode of delivery cost-effective?
6. What economic benefits are patients, providers, and communities realizing? and
7. What are the implications for public policy, particularly the Medicare program?

The project uses a multimethod evaluation approach including extraction of clinical and financial data, analysis of satisfaction surveys, and interviews with key informants.

*Fulfilling the Promise of Expanded Coverage for Rural People and Places*

Robert Wood Johnson Foundation

Direct Funds: \$103,942 | Funding Period: 2010 – 2011

The goal of this project is to address policy makers' need for objective and timely information on the rural impact of insurance coverage reform and health reform. The project will use empirical simulations of specific coverage strategies to help policy makers understand the impact of policies on the number of uninsured persons in rural areas, the costs of these policies, and the distributional impact of these policies. In addition, a panel of rural health experts will produce a research and consensus-based analysis of the broader impact of health reform and insurance coverage proposals on the rural health system and people.

*Rural Health Research Center - Cooperative Agreement Program*

US Department of Health & Human Services, Health Resources & Services Administration

Co-Investigators: A. Clinton MacKinney, Marcia Ward

Direct Funds: \$1,677,100 | Funding Period: 2010 – 2012

The purpose of this award is to establish the Rural Health Research Center-Cooperative Agreement Program at the University of Iowa--RUPRI Center

*Rural Policy Analysis Cooperative Agreement*

University of Missouri-Columbia/US Department of Health & Human Services, Health Resources & Services Administration

Co-Investigator: A. Clinton MacKinney

Direct Funds: \$106,000 | Funding Period: 2010 – 2012

The RUPRI Health Panel will continue its analysis of proposals to reform health care delivery and finance in the US. Our work will produce brief analytical papers (ranging from quick analysis products to policy briefs) that the Office of Rural Health Policy will disseminate through its web site and the reform web site of the DHHS.

**Marcia Ward, PhD (PI)***Evaluation of TeamSTEPPS™ Implementation for Community Hospital Patient Safety*

US Department of Health & Human Services, Agency for Healthcare Research & Quality

Co-Investigators: Jill Scott-Cawiezell, Greg Stewart, Thomas Vaughn, George Wehby, Gideon Zamba, Xi Zhu

Direct Funds: \$1,692,436 | Funding Period: 2010 – 2015

This study is designed to retrospectively and prospectively evaluate in community hospitals the elements of the TeamSTEPPS approach including organizational readiness, culture, training effectiveness, implementation strategies and fidelity, staff behaviors, burden/cost, and outcomes to identify the elements that are most important for success.

*ASCO Study of Geographical Access to Oncology Care*

American Society of Clinical Oncology

Co-Investigators: John Brooks, Elizabeth Chrischilles, Charles Lynch, Gerard Rushton, Brian Smith, Roger Tracy

Direct Funds: \$204,093 | Funding Period: 2010 – 2012

The primary objective of the project is to analyze the supply and demand for oncology services in a specific geographic area.



Marcia M. Ward, PhD  
Principal Investigator

The primary objective of the project is to analyze the supply and demand for oncology services in a specific geographic area.

The project involves three tasks. The first task compared the Iowa Physician Information System with the American Medical Association Masterfile of physicians in Iowa, the National Provider Identification database of Iowa physicians, and several databases available from several commercial vendors to identify the degree of agreement and to characterize factors that explained disagreements.

The second task described three approaches that the American Society of Clinical Oncology could use to develop a national dataset of oncologists.

The third task will map the oncologist in Iowa with the oncology patient population to identify areas of workforce shortage, which will aid ASCO in projections of future workforce need.

**ASCO Study of Geographical Access to Oncology Care**  
Sponsor: American Society of Clinical Oncology

*Assessing the Impact of e-Health Services in Rural Settings*

The Leona M. and Harry B. Helmsley Charitable Trust

Co-Investigators: Padmaja Ayyagari, A. Clinton MacKinney, Keith Mueller

Direct Funds: \$901,469 | Funding Period: 2011 – 2013

This project determines the impacts of tele-health care in Avera Health hospitals on the delivery of services, patient satisfaction, provider use, and cost of care.

**George Wehby, PhD (PI)***Identifying Determinants of Birth Outcomes in South America*

US Department of Health & Human Services, National Institutes of Health

Direct Funds: \$26,520 | Funding Period: 2010 – 2013

This project aims at identifying determinants of adverse birth outcomes including low birth weight, preterm birth and intrauterine growth restriction in several understudied South American populations. Study results are highly relevant for identifying prevention strategies not only for the included countries but also for others including the United States.

*Genetic Instrumental Variable Studies of Maternal Risk Behaviors for Oral Clefts*

US Department of Health & Human Services, National Institutes of Health

Co-Investigators: Lina Moreno Uribe, Jeff Murray, Paul Romitti

Direct Funds: \$1,953,992 | Funding Period: 2010 – 2015

The objective of this study is to estimate the effects of maternal risk behaviors during pregnancy including smoking, alcohol, obesity and caffeine use on cleft lip/palate risks using a genetic instrumental variable (IV) model that accounts for unobserved confounders.

*Academic Achievement of Children and Adolescents with Oral Clefts*

US Department of Health & Human Services, National Institutes of Health

Co-Investigator: Paul Romitti

Direct Funds: \$210,220 | Funding Period: 2011 – 2013

This study will identify the impacts of NS cleft lip/palate on the educational achievement of children and adolescents with oral clefts and assess how these impacts vary by socioeconomic, demographic and health backgrounds.

**Fredric Wolinsky, PhD (PI)***Physical Frailty in Urban African Americans*

Indiana University

Direct Funds: \$191,905 | Funding Period: 2004 – 2012

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, MO. 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.

Grant:

***Identifying Re-Hospitalization Trajectories and Their Antecedents in the Health and Retirement Study***

Sponsor:

***CMS, subcontracted from RTI***



Fredric Wolinsky, PhD  
Principal Investigator

This is a 12-month subcontract from CMS through RTI for us to evaluate the re-hospitalization issue two ways. Both use survey data and linked Medicare claims from age-eligible participants in the Health and Retirement Study (HRS). The first approach brings to bear the rich HRS survey interview data to model the risk of re-hospitalization using a traditional 30-day approach focusing on each hospitalization episode as the unit of analysis. The second approach uses our re-conceptualization of re-hospitalization as a longitudinal process, and defines "epochs" of hospital use that are essentially convoys of hospitalizations that are never more than 200 or 400 days apart. In so doing, this new approach focuses on identifying participants who have high and prolonged densities of hospital episodes within a year or so of each other. Our preliminary results suggest that just by adding the traditional self-rated health question (from the closest survey interview) results in a predictive model that has substantially improved accuracy over traditional claims-only models. The implications of this are substantial, because CMS could easily include the self-rated health question on the automated annual Medicare plan selection program. We are currently working on identifying other simple survey items that could further enhance both the traditional and epoch approaches to re-hospitalization.



*Health Service Use at the End of Life: A Biracial Population Study of AD*

Rush University Medical Center/US Department of Health & Human Services, National Institutes of Health

Direct Funds: \$66,282 | Funding Period: 2008 – 2012

This project examines the relationship between Alzheimer's disease (AD) and cognitive decline with the use of health care services at the end of life, focusing on comparisons among people with AD, mild cognitive impairment, and normal cognition.

*Use of Health Services by Caregivers in an Older Biracial Population Sample*

Rush University Medical Center/US Department of Health & Human Services, National Institutes of Health

Direct Funds: \$52,670 | Funding Period: 2009 – 2012

Informal caregivers are a vital part of the health care system and their importance will grow with the aging of the US population. The general hypothesis is that self-care is compromised among caregivers, especially those experiencing emotional strain, resulting in greater progression of treatable conditions, as shown by patterns of service use.

*Chiropractic Use Patterns, and Their Antecedents and Consequences in Older Adults*

US Department of Health & Human Services, National Institutes of Health

Co-Investigators: Jason Hockenberry, Michael Jones, Robert Wallace

Direct Funds: \$275,000 | Funding Period: 2009 – 2011

As the 2005 IOM report noted, the use of complementary and alternative medicine (CAM) in the United States, including its most readily identifiable form, chiropractic, is widespread but not well understood. We propose to do exactly what the 2005 IOM report recommended, to conduct an extensive, secondary analysis of the nationally representative sample of older adults in the AHEAD, which is a large, prospective cohort study.

*ARRA: RCT of Two Speed of Processing Modes to Prevent Cognitive Decline in Older Adults*

US Department of Health & Human Services, National Institutes of Health

Co-Investigators: Michael Jones, Rene Martin, Mark Vander Weg

Direct Funds: \$664,503 | Funding Period: 2009 – 2012

This project builds on previous research showing that age-related cognitive decline is amenable to intervention. Through randomized controlled trials we hope to show that a value-added version of ACTIVE that can be used on home computers is at least as efficacious as the original implementation at reducing or preventing age-related cognitive decline.

*Co-Management of Back Pain by Chiropractic and Medical Physicians*

Palmer Chiropractic University/US Department of Health & Human Services, Health Resources & Services Administration

Co-Investigators: Jason Hockenberry, Paul Mulhausen, Robert Wallace

Direct Funds: \$151,758 | Funding Period: 2009 – 2012

This project is designed to address three interrelated specific aims: (1) characterizing co-occurrence of chiropractic and medical physician treatments for older adults with back pain; (2) development of a multi-disciplinary model for patient-centered collaborative care between chiropractic and medical physicians for older adults with back pain; and, (3) comparing the clinical effectiveness of this collaborative care model with conventional medical care and a co-occurrence model for older adults with back pain in a large, prospective cohort study.

*Identifying Re-Hospitalization Trajectories and Their Antecedents*

US Department of Health & Human Services, Centers for Medicare & Medicaid Services

Co-Investigator: Jason Hockenberry

Direct Funds: \$65,627 | Funding Period: 2011 – 2012

The project involves identifying re-hospitalization "gap-time" (i.e., the number of days between index and re-hospitalization episodes) trajectories among Medicare beneficiaries in the Health and Retirement Study (HRS). The second specific aim involves identifying the antecedents of those trajectories among Medicare beneficiaries, first using only administrative (claims) data (reflecting predictive models that CMS could readily implement without additional data collection), and then incorporating information from the baseline and biennial follow-up HRS interviews (reflecting the potential benefit of acquiring additional information on Medicare beneficiaries on a routine basis).

**PROJECTS WITH CHPR ASSOCIATES AS PRINCIPAL INVESTIGATORS,  
FUNDED THROUGH OTHER CENTERS**

**Christopher Atchison, MPA (PI)**

*Upper Midwest Preparedness and Emergency Response Learning Center*

Centers for Disease Control and Prevention

Co-Investigators: Tanya Uden-Holman, Marcia Ward

Direct Funds: \$4,688,285 | Funding Period: 2010 – 2015

The Upper Midwest Preparedness and Emergency Response Learning Center (UMPERLC) operates in Iowa and Nebraska and was established to strengthen the capacity of the public health workforce to respond to public health emergencies. UMPERLC creates training programs to prepare the public health workforce in the necessary competencies to prepare for, promptly identify, and respond to public health threats.

**Susan Curry, PhD (PI)**

*Health Care and Other Facilities Award – Congressional Earmark*

US Department of Health & Human Services, Health Resources & Services Administration

Direct Funds: \$3,074,631 | Funding Period: 2008 – 2013

The HCOF funds will be used to provide essential equipment for the planned College of Public Health Academic Building. This equipment will be utilized by all COPH departments and faculty who lead departmental and center-based research, education and outreach programs.

*Increasing Young Adult Smokers' Demand for Internet-based Cessation Treatment*

University of Illinois at Chicago

Direct Funds: \$104,091 | Funding Period: 2009 – 2012

This project will involve use of CADE to increase young adult smokers' demand for internet-based cessation treatment.

# Frontier Extended Stay Clinic Program Evaluation

Sponsored by the Federal Office of Rural Health Policy



A. Clinton MacKinney, MD, MS  
Principal Investigator

The Frontier Extended Stay Clinic (FESC) Demonstration Program is helping patients in four isolated Alaskan communities (Unalaska, Haines, Klawock, Glennallen, plus Friday Harbor, Washington). The FESC Program funds clinic equipment, facility upgrades, and staff to provide 24/7 emergency and extended-stay (up to 48 hours) care in isolated rural communities without a hospital. The populations served are substantial, up to 8,000 with increases during fishing and tourist seasons.

This project is evaluating FESC for the Federal Office of Rural Health Policy, the primary funder of the FESC Program. Findings indicate that FESCs are providing life-saving care for rural people in need, and the Program is saving money too. The evaluation found that health insurers saved nearly \$14 million in avoided transfer costs over the past 5 years. But current payments for FESC services do not cover the additional \$1 million per clinic per year it costs to provide emergency and after-hours care. Thus, without alternative financing, FESC services are not financially sustainable.

In its final report, the Iowa evaluation team will make several recommendations to strengthen the FESC Program. In addition and importantly, the FESC model and future permutations deserve ongoing study. During a time of health care transformation, FESC can serve as a platform for new thinking and social experimentation in rural health care delivery that responds to patient and community need.



**Brian Kaskie, PhD (PI)***Promoting Successful Aging within Institutions of Higher Learning*

TIAA-CREF Foundation

Direct Funds: \$265,225 | Funding Period: 2009 – 2011

The goal of this study is to examine programs, services, and role accommodations targeted toward aging employees within academic institutions

*The Collaborative Model of Mental Health Care for Older Iowans*

US Department of Health &amp; Human Services, Agency for Healthcare Research and Quality

Direct Funds: \$1,096,626 | Funding Period: 2009 – 2012

The purpose of this demonstration project is to establish the evidence-based Collaborative Model of Mental Health Care for Older Iowans in three rural locations where a community mental health center partners with a primary health care clinic.

*Providing Collaborative Care Models to Older Adults with Mental Illness*

US Department of Health &amp; Human Services, Agency for Healthcare Research and Quality

Direct Funds: \$49,990 | Funding Period: 2010 – 2011

The purpose of this project is to convene a conference that focuses on the critical role that primary health care and aging services play in the lives of older persons with mental illness.

**Tanya Uden-Holman, PhD (PI)***Upper Midwest Public Health Training Center*

US Department of Health &amp; Human Services, Health Resources &amp; Services Administration

Co-Investigators: Christopher Atchison, Marcia Ward

Direct Funds: \$3,166,261 | Funding Period: 2001 – 2015

The goals of this project include: 1) Establish an Upper Midwest Public Health Training Center with the states of Iowa, Nebraska, North Dakota and South Dakota, 2) Assess the public health workforce and competency needs, assets and educational programming to meet the minority and underserved needs of the four-state region and delineate available resources, 3) Develop a workplan for addressing the identified gaps within the UMPHTC and develop/implement new curricula and training programs, 4) Evaluate the overall impact of the State's programs and the Center on an ongoing basis to assure continuous quality improvement.



George L. Wehby, PhD  
Principal Investigator

## **Academic Achievement of Children and Adolescents with Oral Clefts**

**Sponsored by NIH/NIDCR**

The study will evaluate the educational achievement of children and adolescents born with oral clefts by retrieving and comparing the Iowa standardized school test scores (overall composite scores as well as specific areas including reading, math, science, language, and vocabulary) of affected individuals to their unaffected siblings and classmates.

The goal is to identify if there are any differences in educational achievement between affected and unaffected individuals. The study will include individuals born with oral clefts in 1983-2003 in Iowa and employ longitudinal models to evaluate changes in the effects of oral clefts on educational achievements over age.

Furthermore, the study will stratify analyses by baseline socioeconomic and demographic characteristics to identify factors that modify the relationship between oral clefts and educational achievement.

**OTHER RESEARCH PROJECTS SUPPORTING CHPR ASSOCIATES***Oral Cleft Prevention Program*

US Department of Health & Human Services, National Institutes of Health

Jeff Murray (PI) | Center Investigator: George Wehby

Direct Funds: \$6,598,341 | Funding Period: 2006 – 2011

*University of Iowa Older Adults CERT*

US Department of Health & Human Services, Agency for Healthcare Research & Quality

Elizabeth Chrischilles (PI) | Center Investigator: Fredric Wolinsky

Direct Funds: \$2,787,230 | Funding Period: 2006 – 2011

*GEIS – University of Iowa Certificate in Emerging Infectious Diseases*

Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.

Gregory Gray (PI) | Center Investigator: Tanya Uden-Holman

Direct Funds: \$880,927 | Funding Period: 2008 – 2011

*First Preventive Dental Visit: Disparities in Needs, Costs, and Behavioral Insights*

US Department of Health & Human Services, National Institutes of Health

Peter Damiano (PI) | Center Investigator: George Wehby

Direct Funds: \$626,913 | Funding Period: 2009 – 2011

*Project LAUNCH (Linking Actions for Unmet Needs in Children's Health)*

US Department of Health & Human Services, Substance Abuse & Mental Health Services Administration

Anne Wallis (PI) | Center Investigator: Thomas Vaughn

Direct Funds: \$157,408 | Funding Period: 2009 – 2011

*A Collaborative Model to Improve BP Control and Minimize Racial Disparities-CCC*

US Department of Health & Human Services, National Institutes of Health

Barry Carter (PI) | Center Investigator: Thomas Vaughn

Direct Funds: \$3,526,647 | Funding Period: 2009 – 2014

*Resetting Nutritional Defaults: Testing the Effect of NuVal on Older Adults*

US Department of Health & Human Services, National Institute on Aging

Linda Snetselaar (PI) | Center Investigator: Jason Hockenberry

Direct Funds: \$525,000 | Funding Period: 2010 – 2012

*A Patient Activation Intervention to Enhance Bone Health*

US Department of Health & Human Services, National Institutes of Health

Peter Cram (PI) | Center Investigator: Fredric Wolinsky

Direct Funds: \$6,167,397 | Funding Period: 2010 – 2015

## Bentler Awarded Doctoral Dissertation Award



Title: *Continuity of Care for Older Adults in the Patient-Centered Medical Home Era*

Sponsor: Alvin R. Tarlov and John E. Ware Jr. Doctoral Dissertation Award, as awarded by the Health Assessment Laboratory (HAL)

Suzanne E. Bentler, doctoral student in the University of Iowa Department of Health Management and Policy, has been selected to receive a prestigious national award to support her dissertation and research using patient-reported outcomes.

The **Alvin R. Tarlov and John E. Ware Jr. Doctoral Dissertation Award in Patient Reported Outcomes** is a \$25,000 award made by the Health Assessment Laboratory, a Massachusetts based not-for-profit charitable trust that seeks to advance state-of-the-art tools for monitoring health care services and health outcomes from the patient and consumer point of view.

Bentler's dissertation topic is "Continuity of Care for Older Adults in the Patient-Centered Medical Home Era." The Patient-Centered Medical Home (PCMH), a health care services delivery model founded on patients having continuity of care with a primary care provider, lies at the heart of all health care reform agendas. The overall goal of Bentler's research is to construct and evaluate a measure of continuity of care for older adults based on both patients' perspectives and Medicare claims that can be used by health services researchers and policymakers to evaluate the PCMH.

## PUBLICATIONS BY CHPR ASSOCIATES

**Ayyagari P**, Grossman D, Sloan F. Education and health: Evidence on adults with diabetes. *International Journal of Health Care Finance and Economics*, 11(3), 221-222, 2011.

Bahensky J, **Ward MM**, Nyarko K, Li P. HIT implementation in Critical Access Hospitals: Extent of implementation and business strategies supporting IT use. *Journal of Medical Systems*, 34(4), 599-607, 2011.

Blegen MA, Goode CJ, Spetz J, **Vaughn TE**, Park SH. Nurse staffing effects on patient outcomes: Safety-net and non-safety-net hospitals. *Medical Care*, 49(4), 406-414, 2011.

Brokel JM, Schwichtenberg TJ, Shaw MG, Wakefield DS, **Ward MM**, Crandall DK. Evaluating CDES rules as an intervention in clinician workflows with technology. *Computer Informatics and Nursing Journal*, 29(1), 36-42, 2011.

Chakraborty H, **Wehby GL**, Goco N, Moore J, Kindem M, Felix T, Vila Nova C, Murray JC. Challenges and implemented solutions for the oral cleft prevention trial in Brazil. *International Journal of Medicine and Public Health*, (1), 9-16, 2011.

Chou AF, **Vaughn TE**, McCoy KD, Doebbeling BN. Implementation of evidence-based practices: Applying a goal commitment framework. *Health Care Management Review*, 36(1), 4-17, 2011.

Gallo DP, **Ayyagari P**, Fletcher J, Sindelar J. The effect of job loss on overweight and drinking. *Journal of Health Economics*, 30(2), 317-327, 2011.

Goode CJ, Blegen MA, Park SH, **Vaughn TE**, Spetz J. Comparison of patient outcomes in Magnet and non-Magnet hospitals. *JONA*, 41(12), 517-523, 2011.

**Hockenberry JM**, Timmons EJ, Vander Weg M. Adolescent mental health as a risk factor for adolescent smoking onset: a review. *Adolescent Health Medicine and Therapeutics*, 2:27-35, 2011.

**Hockenberry JM**, Weigel P, Auerbach A, Cram P. Financial payments by orthopedic device makers to orthopedic surgeons. *Arch Intern Med*, 171(19):1759-65, 2011.

**Kaskie B**, Obrizan M, Jones MP, Bentler SE, Weigel P, **Hockenberry JM**, Wallace RB, Ohsfeldt RL, Rosenthal GE, **Wolinsky FD**. Older adults who persistently present to the emergency department with severe, non-severe, and indeterminate episode patterns. *BMC Geriatrics*, 11(65), 1-10, 2011.

**Kaskie B**, Szescei D. Translating models of collaborative mental health care: Using Iowa's experience to inform national efforts. *Journal of Aging and Social Policy*, 23(3), 258-273, 2011.

Klepser D, Xu L, Ullrich F, **Mueller KJ**. Trends in community pharmacy counts and closures before and after the implementation of Medicare Part D. *Journal of Rural Health*, 27(2), 168-175, 2011.

Lampman MA, **Mueller KJ**. Experiences of rural non-VA providers in treating dual care veterans and the

development of electronic health information exchange networks between the two systems. *Journal of Rural Social Sciences*, 26(3), 201-219, 2011.

**Mackinney AC, Mueller KJ, McBride TD.** The march to accountable care organizations - How will rural fare? *Journal of Rural Health*, 27(1), 131-137, 2011.

Mandal B, **Ayyagari P**, Gallo W. Job loss and depression: The role of subjective expectations. *Social Science and Medicine*, 72(4), 573-583, 2011.

Rittler M, Cosentino V, Lopez-Camelo JS, Murray JC, **Wehby GL**, Castilla EE. Associated anomalies among Infants with oral clefts at birth and during a 1 year follow-up. *American Journal of Medical Genetics*, (155A): 1588-1596, 2011.

Wang J, **Hockenberry JM**, Chou S-Y, Yang M. Do bad report cards have consequences? How publicly reported provider quality information impacts the CABG market in Pennsylvania. *Journal of Health Economics*, 30(2):392-407, 2011.

**Ward MM**, Vartak S, Schwichtenberg T, Wakefield DS. Nurses' perceptions of how clinical information system implementation affects workflow and patient care. *Computer Informatics and Nursing Journal*, 29(9), 502-511, 2011.

**Wehby GL**, Fletcher JM, Lehrer SF, Moreno Uribe LM, Murray JC, Wilcox A, Lie RT. A genetic instrumental variables analysis of the effects of maternal smoking during pregnancy on birth weight. *Biodemography and Social Biology*, (57), 3-32, 2011.

**Wehby GL**, Murray JC, Wilcox A, Lie RT. Genetic instrumental variable studies of the impacts of risk behaviors: an application to maternal smoking and orofacial clefts. *Health Services and Outcomes Research Methodology*, (11), 54-78, 2011.

**Wehby GL**, Prater K, McCarthy AM, Castilla EE, Murray JC. The impact of maternal smoking during pregnancy on early child neurodevelopment. *Journal of Human Capital*, (5), 207-254, 2011.

**Wolinsky FD**, Bentler SE, **Hockenberry JM**, Jones MP, Obrizan M, Weigel P, **Kaskie B**, Wallace RB. Long-term declines in ADLs, IADLs, and mobility among older Medicare beneficiaries. *BMC Geriatrics*, 11(43), 1-12, 2011.

**Wolinsky FD**, Bentler SE, **Hockenberry JM**, Jones MP, Weigel P, **Kaskie B**, Wallace RB. A prospective cohort study of long-term cognitive changes among older Medicare beneficiaries. *BMC Public Health*, 11(710), 1-13, 2011.

**Wolinsky FD**, Vander Weg MW, Howren MB, Jones MP, Martin R, Luger TM, Duff K, Dotson MM. Interim results from a randomized controlled trial to improve visual processing speed in older adults: the Iowa Healthy and Active Minds Study. *BMJ Open*, 1(225), 1-13, 2011.

**Wolinsky FD**, Vander Weg MW, Howren MB, Jones MP, Martin R, Luger TM, Duff K, Goerdt C, Wolfe S, Dotson MM. Protocol for a randomized controlled trial to improve cognitive functioning in older adults: the Iowa



Healthy and Active Minds Study. *BMJ Open*, 1(218), 1-10, 2011.

Zhang X, Chen LW, **Mueller KJ**, Yu Q, Liu J, Lin G. Tracking the effectiveness of health care reform in China: A case study of community health centers in a district of Beijing. *Health Policy*, 100, 181-188, 2011.

#### FORTHCOMING PUBLICATIONS BY CHPR ASSOCIATES

Allareddy V, **Ward MM**, Allareddy V, Konety BR. Effect of meeting leapfrog volume thresholds on complication rates from complex surgical procedures. *Annals of Surgery*.

Allareddy V, **Ward MM**, **Wehby GL**, Konety BR. The connection between selective referrals for radical cystectomy and radical prostatectomy and volume-outcome effects: An instrumental variables analysis. *American Journal of Medical Quality*.

**Ayyagari P**, Deb P, Fletcher J, Gallo W, Sindelar J. Understanding heterogeneity in price elasticities in the demand for alcohol for older individuals. *Health Economics*.

Brokel J, **Ward MM**, Wakefield DS, Ludwig A, Schwichtenverg T, Atherton M. Changing patient care orders from paper to CPOE-based process. *Computer Informatics and Nursing Journal*.

Jaana M, **Ward MM**, Bahensky J. EMR and clinical IS implementation in hospitals: A statewide survey. *Journal of Rural Health*.

Nyarko K, **Wehby GL**. Residential segregation and the health of African-American infants: Does the effect vary by prevalence? *Maternal and Child Health Journal*.

**Ward MM**, Clabaugh G, Evans TC, **Herwaldt L**. Iowa Healthcare Collaborative initiatives to reduce healthcare associated infections: Success of a multicomponent statewide approach. *American Journal of Medical Quality*.

**Ward MM**, Vartak S, Loes J, O'Brien J, Mills T, Halbesleben JR, Wakefield DS. CAH staff perceptions of patient care processes and quality before and after implementation of a comprehensive clinical information system implementation. *American Journal of Managed Care*.

**Wehby GL**, Murray JC, McCarthy AM, Castilla EE. Racial gaps in child health insurance coverage in four South American countries: The role of wealth, human capital and other household characteristics. *Health Services Research*.

**Wehby GL**, Murray JC, Wilcox A, Lie RT. Smoking and body weight: Evidence using genetic instruments. *Economics and Human Biology*.

Weigel P, **Hockenberry JM**, Bentler SE, **Kaskie B**, **Wolinsky FD**. Chiropractic episodes and the co-occurrence of chiropractic and health services use among older Medicare beneficiaries. *Journal of Manipulative and Physiological Therapeutics*.

## HMP PhD Student Publications

Hockenberry JM, **Weigel P**, Auerbach A, Cram P. Financial payments by orthopedic device makers to orthopedic surgeons. *Arch Intern Med*, 171(19):1759-65, 2011.

Kaskie B, Obrizan M, Jones MP, **Bentler S**, **Weigel P**, Hockenberry J, Wallace RB, Ohsfeldt RL, Rosenthal GE, Wolinsky FD. Older adults who persistently present to the emergency department with severe, non-severe, and indeterminate episode patterns. *BMC Geriatr*, 11:65, 2011.

**Lampman MA** & Mueller KJ. Experiences of rural non-VA providers in treating dual care veterans and the development of electronic health information exchange networks between the two systems. *Journal of Rural Social Sciences*, 26(3): 201-219, 2011.

Radford A, Slifkin R, King J, **Lampman M**, Richardson I, Rutledge S. The relationship between the financial status of sole community independent pharmacies and their broader involvement with other rural providers. *Journal of Rural Health*, 27: 176-183, 2011.

Wehby GL, **Prater K**, McCarthy AM, Castilla EE, Murray JC. The impact of maternal smoking during pregnancy on early child neurodevelopment. *Journal of Human Capital*, 5(2): 207-254, 2011.

Wolinsky FD, **Bentler SE**, Hockenberry JM, Jones MP, Obrizan M, **Weigel PA**, Kaskie B, Wallace RB. Long-term declines in ADLs, IADLs, and mobility among older Medicare beneficiaries. *BMC Geriatr*, 11(43):1-12, 2011.

Wolinsky FD, **Bentler SE**, Hockenberry JM, Jones MP, **Weigel PA**, Kaskie B, Wallace RB. A prospective cohort study of long-term cognitive changes in older Medicare beneficiaries. *BMC Public Health*, 11(710):1-13, 2011.

## Forthcoming PhD Student Publications

Nyarko K, **Wehby GL**. Residential segregation and the health of African-American infants: Does the effect vary by prevalence? *Maternal and Child Health Journal*, in press.

Schonfeld TL, Stevens EA, **Lampman MM**, Lyons WL. Assessing challenges in end-of-life conversations with elderly patients with multiple morbidities. *American Journal of Hospice & Palliative Medicine*, in press.

Ward MM, **Clabaugh G**, Evans TC, Herwaldt L. Iowa Healthcare Collaborative Initiatives to reduce healthcare-associated infections: Success of a multi-component statewide approach. *American Journal of Medical Quality*, in press.

**Weigel PA**, Hockenberry JM, **Bentler SE**, Kaskie B, Wolinsky FD. Chiropractic episodes and the co-occurrence of chiropractic and health services use among older Medicare beneficiaries. *J Manipulative Physiol Ther*, in press.

**2011 Bonnie J. and Douglas S.  
Wakefield Award winners  
Paula Weigel and  
Kwame Nyarko**



# PhD Student Publications



## PRESENTATIONS BY CHPR ASSOCIATES

Atchison C. New Laboratory Facility as Recruitment and Retention Tools. 2011 APHL Annual Meeting, Association of Public Health Laboratories, Omaha, NE, June 2011.

Atchison C. Fitting the Pieces Together: The Safety Net and the ACA. NASHP 24<sup>th</sup> Annual State Health Policy Conference, Kansas City, MO, October 2011.

Atchison C. Increasing the Value of Data: EMRs and Disease Registries. NASHP 24<sup>th</sup> Annual State Health Policy Conference, Kansas City, MO, October 2011.

Atchison C. Integrated Delivery Systems: Fostering State Policy to Support Delivery System Transformation. NASHP 24<sup>th</sup> Annual State Health Policy Conference, Kansas City, MO, October 2011.

Hockenberry JM. Surgeon Human Capital Depreciation. 2011 Agency for Healthcare Research and Quality Annual Conference, Bethesda, MD, September 2011.

Kaskie BP. Creating a Livable Community for Older Adults in Johnson County. AARP Livable Community Initiative, Iowa City, IA, September 2011.

Kaskie BP. Developing Livable Communities in our Own Backyard. WHO Global Aging Initiatives, Des Moines, IA, October 2011.

MackKinney AC. The March to Accountable Care Organizations. Rural Healthcare Leadership Conference, Phoenix, AZ, January 2011.

MackKinney AC. The March to Accountable Care Organizations. TORCH Annual Conference, Dallas, TX, March 2011.

MackKinney AC. The March to Accountable Care Organizations. Colorado Hospital Association Rural Conference, Colorado Springs, CO, May 2011.

MackKinney AC. The March to Accountable Care Organizations. Minnesota Rural Health Conference, Duluth, MN, June 2011.

MackKinney AC. From Volume to Value. Nebraska CAH Executive Series, Lincoln, NE, July 2011.

MackKinney AC. The March to Accountable Care Organizations. HFMA Regional Conference, Denver, CO, July 2011.

MackKinney AC. From Volume to Value - and the Physician Value-Based Modifier. National Advisory Committee on Rural Health and Human Services, Hattiesburg, MS, September 2011.

MackKinney AC. From Volume to Value - Hospitals and Physicians Playing Nice. Iowa Hospital Association Annual Conference, Des Moines, IA, October 2011.

MacKinney AC. The March to Accountable Care Organizations. Many Faces of Community Health Conference, Minneapolis, MN, October 2011.

MacKinney AC. From Volume to Value - Collaboration is Key. Signature Healthcare Foundation Conference, St. Louis, MO, October 2011.

Mueller KJ. Health Care Reform and the Future of Health Care in Rural America. AgriSafe Network, February 2011.

Mueller KJ. The Advent of Accountable Care Organizations and the Involvement of Rural Providers. Medical Home Advisory Council, Des Moines, IA, February 2011.

Mueller KJ. Health Insurance Exchanges: Implementation in Rural Places. National Advisory Committee on Rural Health and Human Services, Washington, DC, February 2011.

Mueller KJ. ACA and You: How to Anticipate Changes in Rural Places. Webinar, RAC, March 2011.

Mueller KJ. Research Agenda Generated by the ACA. Office of Rural Health Policy Rural Health Research Center, Washington, DC, March 2011.

Mueller KJ. A New World of ACOs: What is Possible? Critical Access and Rural Hospital Forum, Iowa Hospital Association, Des Moines, IA, March 2011.

Mueller KJ. Meeting the Health Care Needs of Rural People. Westlake Forum III: Healthcare Reform in China and the US: Similarities, Differences, and Challenges, Emory University, Atlanta, GA, April 2011.

Mueller KJ. Accountable Care Organizations and Critical Access Hospitals. KHA Critical Access Hospital Conference, Kentucky Hospital Association, Louisville, KY, April 2011.

Mueller KJ. The Impact of Health Reform on Rural Communities. Illinois Rural Health Association Annual Meeting, Effingham, IL, April 2011.

Mueller KJ. Accountable Care Organizations and Rural Health Clinics. Rural Primary Care Providers Issues, Iowa Association of Rural Health Clinics, Des Moines, IA, April 2011.

Mueller KJ. Winds of Change Affecting Rural Providers and Communities. Iowa Medicare Rural Hospital Flexibility Program Meeting, Iowa Association of Rural Health Clinics, Des Moines, IA, April 2011.

Mueller KJ. Issues in Rural Medicare Policy: Physician Payment, Medicare Advantage, ACA Implementation. National Rural Health Association Annual Meeting, Austin, TX, May 2011.

Mueller KJ. Advancing Rural Health Care Delivery In a Reform Framework. 34th Annual Rural Health Association Conference, National Rural Health Association, Austin, TX, May 2011.

Mueller KJ. Navigating Health Insurance Exchanges and Tapping into the Temporary High Risk Pool Program. 2011 Combined ORHP Annual Grantee Meeting, Office of Rural Health Policy, Bethesda, MD, June 2011.

Mueller KJ. The Times They Are A Changing. Texas Organization of Rural & Community Hospitals (TORCH), Austin, TX, August 2011.

Mueller KJ. Health Insurance Coverage: Now and in 2014. West Tennessee Regional Meeting, Rural Health Association of Tennessee, McKenzie, TN, August 2011.

Mueller KJ. The Future of Rural Veterans After Implementation of the Patient Protection and Affordable Act. Fall Meeting, Veterans Health Administration Office of Rural Health, Iowa City, IA, September 2011.

Mueller KJ. Rural Health Policy: The Pressure Points to Monitor. Iowa Rural Health Association Annual Meeting, Johnston, IA, October 2011.

Mueller KJ. Rural Health Issues Post Affordable Care Act. Board Retreat, Telligen, West Des Moines, IA, October 2011.

Mueller KJ. The Health Policy Landscape: Debt Reduction Discussion and Health Insurance Exchanges. Office of Rural Health Policy Rural Health Research Center, Washington, DC, November 2011.

Mueller KJ. The Health Policy Landscape: 2010 and Beyond. Office of Rural Health Policy Rural Health Research Center, Washington, DC, November 2011.

Mueller KJ. The Future of Rural Health: Implications for Public Policy. Staff Briefing: Rural Health 101, U.S. Senate Rural Health Caucus, Washington, DC, November 2011.

Mueller KJ. Transformation in Health Care: What is the Rural Pathway? CAH CEO Network Meeting, University of Iowa Hospital and Clinics, Iowa City, IA, December 2011.

Mueller KJ. Will Health Care Be More Affordable in 2014? Leadership Iowa, Coralville, IA, December 2011.

Mueller KJ. Accountable Care Organizations in the Rural Environment. Iowa Medical Home System Advisory Council, 2011.

Uden-Holman, TM. Using Competencies to Enable a Preparedness Plan. 2011 Iowa Governor's Conference on Public Health, Ames, IA, April 2011.

Wehby GL, Pendharkar B. Time to First Preventive Dental Visit (FPDV) at Iowa CHCs. International Association for Dental Research (IADR) meeting, San Diego, CA, March 2011.

Wehby GL, Kuthy R. First Dental Episode: Preventive and Corrective Services at CHCs. International

Association for Dental Research (IADR) meeting, San Diego, CA, March 2011.

Wehby GL, Chi D. Medical Well-Baby Examinations and First Dental Examinations for Medicaid-Enrolled Infants. International Association for Dental Research (IADR) meeting, San Diego, CA, March 2011.

Wehby GL. Orofacial Cleft Recurrence and Fertility Behaviors. 68th Annual Meeting of American Cleft Palate Craniofacial Association, San Juan, PR, April 2011.

Wehby GL, Nyarko K. Do the Effects of Prenatal Factors on Birth Outcomes Vary by Orofacial Cleft Status? 68th Annual Meeting of American Cleft Palate Craniofacial Association, San Juan, PR, April 2011.

Wehby GL. Health Services Research and Orofacial Clefts. 68th Annual Meeting of American Cleft Palate Craniofacial Association, San Juan, PR, April 2011.

Wehby GL. Cleft Lip and Palate and Birth Outcomes. 68th Annual Meeting of American Cleft Palate Craniofacial Association, San Juan, PR, April 2011.

Wehby GL. Impact of Child Health and Disability on Subsequent Maternal Fertility. NBER Health Economics Program Spring Meeting, Cambridge, MA, May 2011.

Wehby GL. Maternal Risk Behaviors During Pregnancy and Child Development: Evidence Using Genetic Markers. Integrating Genetics and Social Sciences Conference, Boulder, CO, May 2011.

Wehby GL, Dave D. Publicly-provided Health Insurance and Health Behavior: The Case of Medicaid Expansions for Pregnant Women. AcademyHealth Annual Research Meeting, Seattle, WA, June 2011.

Wehby GL, Nyarko K. Explaining Racial Disparity in Infant Health in Brazil. AcademyHealth Annual Research Meeting, Seattle, WA, June 2011.

Wehby GL, Nyarko K. Do the Effects of Prenatal Care on Infant Health Vary by Birth Defects: The Case of Orofacial Clefts. AcademyHealth Annual Research Meeting, Seattle, WA, June 2011.

Wehby GL. Maternal Risk Behaviors During Pregnancy and Child Development: Evidence Using Genetic Markers. International Health Economics Association Congress, Toronto, Canada, July 2011.

Wehby GL. Gene-education Interaction Effects on Health Behaviors. International Health Economics Association Congress, Toronto, Canada, July 2011.

Wehby GL. Fetal Structural Shocks and Early Inequalities in Health Capital Accumulation. International Health Economics Association Congress, Toronto, Canada, July 2011.

Zhu X. Macro-Darwin or Micro-Lamarck? Evolutionary Dynamics in a Strategic Alliance Network. Workshop in Organizations and Markets, University of Chicago Booth School of Business, Chicago, IL,

February 2011.

Zhu X. Understanding Assertive Community Treatment Effectiveness: The Impact of Team Processes and Target Client Characteristics. MPC Workshop, Minnesota Population Center, Minneapolis, MN, February 2011.

Zhu X. A Social Network Approach to Transactive Memory Systems. 6th Annual Conference of the Interdisciplinary Network for Group Research (INGRoup), Minneapolis, MN, July 2011.

Zhu X. Reconciling Internal and External Strategies: How Do HR and Networks Affect Startup Performance? Annual Meeting of the Academy of Management, August 2011.

Zhu X. Delineating Cognitive Maps: A Social Network Approach to Transactive Memory Systems. Annual Meeting of the Academy of Management, August 2011.

**INVITED SEMINAR PRESENTATIONS**

<b>Date</b>	<b>Invited Speaker</b>	<b>Title of Presentation</b>
January 14, 2011	Timothy Vogus, PhD Assistant Professor of Management and Organization Studies Owen Graduate School of Management Vanderbilt University	Mindful Organizing in Workgroups: The Effects of Professional Tenure and Commitment
January 19, 2011	Padmaja Ayyagari, PhD Postdoctoral Associate Health Policy and Administration Yale University	Heterogeneity in Price Elasticities in the Demand for Alcohol Consumption
January 20, 2011	Mariana Carrera PhD Candidate in Economics University of California – Berkeley	The Role of Patient Co-Payments in Prescribing and Refill Decisions
January 21, 2011	Richard Dunn, PhD Assistant Professor Department of Agricultural Economics Texas A&M University	Mass Layoffs, Suicide Risks, and State Spending on Dislocated Workers
March 8, 2011	Xi Zhu, PhD Department of Sociology University of Minnesota	Delineating Cognitive Maps in Health Care Teams: A Social Network Approach to Team Cognition and Effectiveness
March 10, 2011	Laura E. McClelland, PhD Emory University	From Compassion to Patient Satisfaction: Unpacking the Relationship Between Compassion Routines and Service Quality in Hospitals
March 25, 2011	Deborah DiazGranados, PhD University of Central Florida	An Examination of the Impact of Leader Social Distance on Multicultural Teams
April 13, 2011	Douglas D. Bradham, DrPH VA Health Economist, Robert J. Dole VAMC The Kansas Health Foundation Professor of Public Health University of Kansas School of Medicine – Wichita Department of Preventive Medicine and Public Health	The Economic Impact of Information Therapy: Employer's, Patient's, Provider's and Societal Views – A Pilot Study
April 15, 2011	Juan Gabriel Fernandez PhD Candidate Department of Economics Boston University	What Determines the Individual Demand for Private Health Insurance? The Case of Chile
April 25, 2011	Mary C. Schroeder PhD Candidate Department of Economics Emory University	Effects of Paid Family Leave on Maternal and Child Health Outcomes

**RESEARCH UPDATES and JOURNAL CLUB PRESENTATIONS**

<b>Date</b>	<b>Presenter</b>	<b>Title of Presentation</b>
January 28, 2011	Fred Ullrich Research Specialist Department of Health Management and Policy University of Iowa	Can You See Your Patient-Centered Medical Home From Here?
February 4, 2011	Paula Weigel PhD Student Department of Health Management and Policy University of Iowa	Journal Club
February 11, 2011	Thomas Vaughn, PhD Associate Professor Department of Health Management and Policy University of Iowa	Journal Club
February 18, 2011	Jason Hockenberry, PhD Assistant Professor Department of Health Management and Policy University of Iowa	Journal Club
February 25, 2011	Kyle Kingsley PhD Student Department of Health Management and Policy University of Iowa	Campaign Contribution Effects on Medical Malpractice Awards: Or How I Learned to Stop Worrying and Start Loving Lawyers
March 4, 2011	A. Clinton MacKinney, MD, MS Assistant Professor Department of Health Management and Policy University of Iowa	Physician Allies
March 11, 2011	George Wehby, PhD Assistant Professor Department of Health Management and Policy University of Iowa	Fetal Structural Shocks and Early Inequalities in Health Capital Accumulation
April 1, 2011	Fredric Wolinsky, PhD Professor and John W. Colloton Chair Department of Health Management and Policy University of Iowa	Getting Speed of Processing Training Out to Older Adults: From the ACTIVE and IHAMS RCTs to Community-Based Translational Research
April 8, 2011	Mary Charlton, PhD Deputy Director, VA Midwest Rural Health Resource Center Clinical Assistant Professor Department of Health Management and Policy University of Iowa	Factors Associated with Use of Preoperative Chemoradiotherapy for Rectal Cancer: A Study Based on Data from The Cancer Care Outcomes Research and Surveillance Consortium
April 15, 2011	Susan J. Curry, PhD Dean and Distinguished Professor of Health Management and Policy Jason Hockenberry, PhD Assistant Professor Department of Health Management and Policy University of Iowa	The Short-Term Healthcare Costs Among Smokers Enrolled in a Cessation Trial: Do They Differ From Similar Individuals Not In the Trial?

April 22, 2011	Kwame Nyarko PhD Student Department of Health Management and Policy University of Iowa	Do the Effects of Prenatal Care on Infant Health Vary by the Presence of Birth Defects: The Case of Oral Clefts
April 29, 2011	Keith Mueller, PhD Gerhard Hartman Professor and Head Fred Ullrich Research Specialist Marcia Ward, PhD Professor and Director of the PhD Program George Wehby, PhD Assistant Professor Department of Health Management and Policy University of Iowa	Finding Secondary Data Sources for Research
September 2, 2011	Marcia Ward, PhD Professor and Director of the PhD Program Smruti Vartak, PhD Program Assistant Department of Health Management and Policy University of Iowa	Influence of Survey Design in Assessing Nurses' Perceptions During an EHR Implementation
September 9, 2011	Fredric Wolinsky, PhD Professor and John W. Colloton Chair Department of Health Management and Policy University of Iowa	Does Respondent Status Affect Prevalence and Model Estimates for Medicare Beneficiaries?
September 23, 2011	Keith J. Mueller, PhD Gerhard Hartman Professor and Head Department of Health Management and Policy University of Iowa	Policy Research Agenda in Rural Health Post-ACA
September 30, 2011	Paula Weigel PhD Student Department of Health Management and Policy University of Iowa	Journal Club
October 7, 2011	Mehwish Qasim PhD Student Department of Health Management and Policy University of Iowa	Journal Club
October 14, 2011	Tanya Uden-Holman, MA, PhD Associate Professor of Health Management and Policy Associate Dean, College of Public Health Laurie Walkner, RN, BSN, MA Grants Coordinator, Institute for Public Health Practice Adjunct Lecturer, Community and Behavioral Health University of Iowa	Why Competency-Based Training and Education?
November 4, 2011	George Wehby, PhD Assistant Professor Department of Health Management and Policy University of Iowa	The Promise and Challenges of Integrating Genetics and Social Sciences
November 11, 2011	Xi Zhu, PhD Assistant Professor	The Antecedents and Impact of Knowledge Networks in Care Teams



	Department of Health Management and Policy University of Iowa	
November 18, 2011	Chris Atchison, MPA Clinical Professor of Health Management and Policy Director, University of Iowa Hygienic Lab Associate Dean for Public Health Practice University of Iowa	Tracking Iowa's Strategies in Health Reform
December 9, 2011	Kaitlin Prater PhD Student Department of Health Management and Policy University of Iowa	Maternal Body Composition and Child Outcomes in the NLSY





