

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

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|--|--|---------|-------------------|
| NAME Mueller, Keith John | POSITION TITLE Professor and Head | | |
| eRA COMMONS USER NAME MUELLER.KEITH | Department of Health Management and Policy College of Public Health | | |
| EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.) | | | |
| INSTITUTION AND LOCATION | DEGREE (if applicable) | YEAR(s) | FIELD OF STUDY |
| University of Wisconsin-Milwaukee | B.A. | 1973 | Political Science |
| University of Wisconsin-Milwaukee | M.A. | 1975 | Political Science |
| University of Arizona, Tucson | Ph.D. | 1979 | Political Science |

PERSONAL STATEMENT

I have been involved in rural health services research for more than 20 years, beginning with funding from the then National Center for Health Services Research (now the Agency for Healthcare Research and Quality, AHRQ) in 1988 to investigate patterns of uninsurance and utilization of services in rural Nebraska. I have completed several major projects with funding from AHRQ, including demonstrating the use of principles from managed care in rural settings, setting research agenda related to the activities of Community Health Centers, and implementing processes for reporting medication errors in small rural hospitals. I have built and maintain a federally-funded center for rural health policy analysis, affiliated with the Rural Policy Research Institute (RUPRI). I also chair a national rural panel for RUPRI, which has been funded by the Office of Rural Health Policy and the Robert Wood Johnson Foundation. I am a leading national expert in rural health delivery and finance, having been recognized as such by the National Rural Health Association (I was also president of that association), the US Department of Agriculture, and the Office of Rural Health Policy. My research work focuses on implementation of new payment systems in rural areas and analysis of national policies that affect rural health delivery and finance.

POSITIONS AND HONORS

| | |
|----------------|---|
| 1979 - 1997 | Assistant, Associate Professor, Professor Political Science, University of Nebraska-Lincoln |
| 1987 - 1989 | Robert Wood Johnson Foundation Faculty Fellow in Health Care Finance |
| 1997 - 2006 | Professor, Preventive & Societal Medicine, UNMC |
| 2007 - 2010 | Professor and Chair, Department of Health Services Research & Administration, UNMC |
| 2007 - 2009 | Associate Dean, College of Public Health, University of Nebraska Medical Center |
| 2008 - 2009 | Interim Dean, College of Public Health, University of Nebraska Medical Center |
| 2000 - 2005 | Member, National Advisory Committee on Rural Health, US Dept of Health & Human Services |
| 2001 - 2003 | Member, Subcommittee on Community Effects of Uninsured Populations, Committee on the Consequences of Uninsurance, Institute of Medicine, The National Academies |
| 2004 - 2007 | Member, Advisory Panel on Medicare Education, Centers for Medicare and Medicaid Services |
| 2009 - 2011 | Member, National Advisory Council, Agency for Healthcare Research and Quality |
| 2000 - present | Director, RUPRI Center for Rural Health Policy Analysis |
| 2010 - present | Professor and Head, Department of Health Management and Policy, College of Public Health, The University of Iowa, Iowa City, IA |

SELECTED PEER-REVIEWED PUBLICATIONS

- Klepser D, Xu L, Ullrich F, **Mueller KJ**. (2011) Trends in community pharmacy counts and closures before and after the implementation of Medicare Part D. *Journal of Rural Health*, 27(2), 168-175.
- Zhang X, Chen LW, **Mueller KJ**, Yu Q, Liu J, Lin G. (2011) 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.

3. MacKinney AC, **Mueller, KJ**, McBride TD. (2011). The march to accountable care organizations: How will rural fare? *The Journal of Rural Health*, 27(1), 131-137.
4. West AN, Lee RE, Shambaugh-Miller MD, Bair, BD, **Mueller KJ**, Lilly RS, Kaboli, PJ, Hawthorne, K. (2010). Defining "rural" for veterans' health care planning. *The Journal of Rural Health*. 26, 301-309.
5. Chen LW, Zhang, W, Sun J, **Mueller KJ**. (2009). The magnitude, variation, and determinants of rural Hospital resource utilization associated with hospitalization due to ambulatory care sensitive conditions. *Journal of Public Health Management and Practice*, 15(3), 216-222.
6. **Mueller KJ** (2009) Rural health insurance and competitive markets: Not always compatible? Choices: A publication of the *American Agricultural and Applied Economics Association*, 24(4), 3-8.
7. Radford A, Klepser D, Mason M, Slifkin R and **Mueller KJ**. (2009). Continuing Effects of Medicare Part D on Rural Independent Pharmacies Who are the Sole Retail Provider in the Their Communities. *Research in Social & Administrative Pharmacy*, 5(1), 17-30.
8. Jones KJ, Leo C, Cochran G, **Mueller KJ**. (2008). The AHRQ Hospital Survey on Patient Safety Culture: a tool to plan and evaluate patient safety programs. *Advances in Patient Safety: New Directions and Alternative Approaches*. August.
9. Zhang W, Chen L, and **Mueller KJ**. (2008). Uninsured Hospitalizations: Rural and Urban Differences. *The Journal of Rural Health*, 24(2), 197-202.
10. Radford A, Slifkin R, Fraser R, Mason M and **Mueller KJ**. (2007). The Experience of Rural Independent Pharmacies with Medicare Part D: Reports from the Field. *Journal of Rural Health*, 23(4) 286-294.
11. W. Zhang, **Mueller KJ**, Chen-Li-Wu and Conway, K (2006) The Role of Rural Health Clinics in Hospitalization due to Ambulatory Care Sensitive Conditions: A Study in Nebraska. *Journal of Rural Health* 22(3), 220-223.
12. **Mueller KJ**, MacKinney, AC. (Winter 2006). Care Across the Continuum: Access to Health Care Services in Rural America, *Journal of Rural Health* 22(1) 43-49.
13. **Mueller KJ**, McBride TD, Andrews C, Fraser R, Xu L. (2005). The Federal Employees Health Benefits Program: A Model for Competition in Rural America? *The Journal of Rural Health*, 21(2), 105-113.
14. **Mueller KJ**, Stoner JA, Shambaugh-Miller MD, Lucas WO, Pol LG. (2003). A method for identifying places in rural America at risk of not being able to support adequate health services. *Journal of Rural Health*, 19(4), 31-41.

SELECTED BOOKS AND REPORTS

Mueller KJ, Ullrich F, MacKinney AC. (2011). Use of health information technology in support of patient-centered medical homes is low among non-metropolitan family medicine practices. *Brief 2011-2. RUPRI Center for Rural Health Policy Analysis*. <http://cph.uiowa.edu/rupri/publications/policybriefs.html>

MacKinney AC, Xu L, **Mueller KJ**. (2011). Medicare beneficiary access to primary care physicians – Better in rural, but still worrisome. *Brief 2011-1. RUPRI Center for Rural Health Policy Analysis*. <http://cph.uiowa.edu/rupri/publications/policybriefs.html>

Coburn A, Lundblad J, MacKinney AC, McBride T, **Mueller KJ**. (2010). The Patient Protection and Affordable Care Act of 2010: Impacts on rural people, places and providers: A first look. *RUPRI Health Panel*. www.rupri.org/ruralhealth

Mueller KJ. (2010). The Patient Protection and Affordable Care Act: A summary of provisions important to rural health care delivery. *Omaha, NE: RUPRI Center for Rural Health Policy Analysis*, Paper 2010-4. <http://cph.uiowa.edu/rupri/publications/policypapers.html>

Coburn AF, MacKinney AC, McBride TD, **Mueller KJ**, Slifkin RT and Wakefield MK (2008) *Implementing a New USDA Rural Development Program Targeting Small Rural Hospitals and Their Communities*. RUPRI Health Panel. March. www.rupri.org/ruralhealth

Wang, H, **Mueller, K**, and Xu, L. (2008). "Health and Health-Related Behaviors in Nebraska: Overall Trends, Progress Toward Healthy People 2010 Goals, and Rural-Urban Comparisons." *Nebraska Health Information Project Health Data Reporter*. January. Omaha: Nebraska Center for Rural Health Research.

Campbell YY, McBride TD and **Mueller KJ** (2008) "Rural Enrollment in Medicare Advantage Continues to Grow Rapidly in 2008, Led by Private Fee-For-Service Plans." *Rural Policy Brief 2008-3*. July. Omaha: RUPRI Center for Rural Health Policy Analysis. <http://cph.uiowa.edu/rupri/publications/policybriefs/2008/index.html>

Klepser D, Xu L, Ullrich, F and **Mueller KJ** (2008) Independently Owned Pharmacy Closures in Rural America. *RUPRI Center for Rural Health Policy Analysis*. July. <http://cph.uiowa.edu/rupri/publications/policybriefs/2008/index.html>

Cochran, G, Jones K, Liyan X, and **Mueller, KJ** (2008) Prevalence of Evidence-Based Safe Medication Practices in Small Rural Hospitals. *RUPRI Center for Rural Health Policy Analysis. Rural Issue Brief 2008-1*. <http://cph.uiowa.edu/rupri/publications/issuebriefs.html>

McBride TD, Terry TL, **Mueller KJ**. (2007). Rural enrollment in Medicare Advantage is concentrated in private fee-for-service plans (Rural Policy Brief 12). Omaha, NE: *RUPRI Center for Rural Health Policy Analysis*.

Coburn AF, MacKinney AC, McBride TD, **Mueller KJ**, Slifkin RT, Wakefield MK. (2007). Choosing rural definitions: Implications for health policy (Issue Brief #2). Columbia, MO: *Rural Policy Research Institute*.

Shambaugh-Miller MD, Vanosdel N, **Mueller KJ**. (2007). Reliance on independently owned pharmacies in rural America (*Policy Brief No. 2007-6*). Omaha, NE *RUPRI Center for Rural Health Policy Analysis*.

Coburn AF, MacKinney AC, McBride TD, **Mueller KJ**, Slifkin RT, Wakefield MK. (2007). Medicare Advantage plans in rural America (Issue brief #3 Rural Health Panel). Columbia, MO: *Rural Policy Research Institute*.

ONGOING RESEARCH SUPPORT

1 U1C RH 03718 (Mueller-Principal Investigator)
Office of Rural Health Policy

09/01/04 - 08/31/12

The RUPRI Center for Rural Health Policy Analysis

The RUPRI Center for Rural Health Policy Analysis is an analytical center in the portfolio of research centers supported by the federal Office of Rural Health Policy. The mission of the Center is to provide timely analysis, based on the best available research (including original research from the Center), to federal and state health policy makers.

(Mueller- Co-Investigator)
Subcontract with the University of North Dakota
Federal Office of Rural Health Policy (ORHP)

09/01/02 – 08/31/12

Rural Assistance Center Cooperative Agreement

The Rural Assistance Center (RAC) will operate a Rural Health and Social Services information clearinghouse. The RAC will be the gateway to information on rural health and social services for citizens in rural areas of the

United States and for all others interested in these issues.

(Mueller-Principal Investigator)

01/01/07 – 08/31/12

Subcontract with the University of North Carolina at Chapel Hill
Health Resources and Services Administration

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

The RUPRI Center will assume lead responsibility for assembling the contributions of the research centers submitting various elements of a background product for the National Advisory Committee on Rural Health and Human Services. The Center will assist with a study of the effects of Medicare Part D on Rural Independent Pharmacies. And, the Center will assist with the study of the experiences of Critical Access Hospitals with Medicare Advantage Plans.

U18RH03719 (Mueller-Principal Investigator)

09/01/07 – 08/31/12

University of Missouri – Columbia

RUPRI Rural Policy Analysis Program Cooperative Agreement

RUPRI will provide staff support to a group of rural hospital administrators and accountants who have been meeting annually for the past 4 years and who now meet twice a year. The purpose of this group is to generate summaries of issues confronting rural hospitals and suggestions for policy actions, legislative and administrative, that would further strengthen provision of hospital services in rural communities

COMPLETED RESEARCH

5 H54 RH00005 (Palm)

10/01/99 - 9/30/11

Nebraska Health & Human Services System

Evaluation of the Nebraska Rural Hospital Flexibility Program

Evaluator

The evaluation design of this project includes the following components: empirical analysis of the effects on participating CAHs; effects on utilization of health care services by residents of the service area; qualitative analysis of the administration of the program, including effects of technical assistance; qualitative assessment of the service delivery network, including effects on services in the participating communities; and quantitative and qualitative assessment of the effects on the delivery of emergency medical services in the service area.

No Number (Mueller-Principal Investigator)

11/01/07 – 10/31/08

Wyoming Health Care Commission

Carbon County, Wyoming Pilot Project

The RUPRI Center for Rural Health Policy Analysis will assist the Wyoming health Care Commission in developing a pilot project in Carbon County to assess and prioritize local community needs related to health care delivery and to develop interventions to meet those needs.