

Kevin John Dombkowski, DrPH  
Research Assistant Professor  
Department of Pediatrics and Communicable Diseases  
Child Health Evaluation and Research (CHEAR) Unit  
300 N. Ingalls Street, Room 6D05  
Ann Arbor, MI 48109-5456  
(734) 615-6758  
kjd@umich.edu

## EDUCATION

University of Michigan Ann Arbor, Michigan Major Field: Natural Resources	BS	5/1977 – 12/1980
University of Michigan Ann Arbor, Michigan Major Field: Biometrics	MS	1/1980 – 12/1983
University of Michigan (9/1996- 4/2001) School of Public Health Pew Fellow in Public Health Policy Ann Arbor, Michigan Major Field: Public Health Policy Dissertation Title: <i>Risk Factors for Delays in Childhood Immunization Using the National Health Interview Survey</i>	DrPH	9/1996- 4/2001

## ACADEMIC APPOINTMENTS

Research Investigator, University of Michigan Division of General Pediatrics Ann Arbor, Michigan	2/2000 – 6/2005
Research Assistant Professor, University of Michigan Division of General Pediatrics Ann Arbor, Michigan	7/2005 – present

## GRANTS

### *Present and Active*

Co-Investigator and Lead Data Analyst (Freed, PI): *Pediatric and Managed Care Issues – Medicaid*. Michigan Department of Community Health. October 2000 – September 2010 (\$612,246).

Principal Investigator: *Technology for Immunization Message Enhancement*. Centers for Disease Control and Prevention. September 2009 – August 2011 (\$450,000).

Principal Investigator: *Increasing Influenza Vaccination Rates among Children in Michigan*. Center for Healthcare Research and Transformation. October 2009 – September 2011 (\$90,000).

Principal Investigator: *Improving Childhood Immunization Coverage Using a Statewide Immunization Registry*. Centers for Disease Control and Prevention. August 2007 – September 2010 (\$440,000).

Principal Investigator: *Innovations to Improve Parent Contact Information in Immunization Registries*. Centers for Disease Control and Prevention. September 2007 – August 2010 (\$400,000).

Principal Investigator: *Assessment of a Claims-Based Method to Identify Children with Asthma for Influenza Vaccination*. Blue Cross Blue Shield of Michigan Foundation. October 2007 – March 2010 (\$107,939).

### **Previous Grants**

Principal Investigator: *Enhancing Utilization of Childhood Immunization Client Recall Practices by Private Providers*. Centers for Disease Control and Prevention. September 2006 – September 2009 (\$600,000).

Principal Investigator: *Variations in Health Services Utilization by Michigan Children with Asthma*. Blue Cross Blue Shield of Michigan Foundation. July 2004 – June 2006 (\$71,560).

## **HONORS AND AWARDS**

- 2002 Honorable Mention, University of Michigan Department of Pediatrics Research Symposium
- 2003 Honorable Mention, University of Michigan Department of Pediatrics Research Symposium

## **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

Society for Pediatric Research (SPR)	2004 – present
American Public Health Association (APHA)	1997 – present
Michigan Public Health Association	2005 – present
AcademyHealth	2002– present
Council of State and Territorial Epidemiologists (CSTE)	2002 – present
Healthcare Information and Management Systems Society (HIMSS) President, National Capital Chapter	1989

## **EDITORIAL POSITIONS, BOARDS, AND PEER-REVIEW SERVICE**

### **Ad hoc reviewer:**

American Journal of Public Health	2002 – present
American Journal of Preventive Medicine	2003 – present
Pediatrics	2004 – present
American Journal of Managed Care	2004 – present

Public Health Reports	2004 – present
Academic Pediatrics	2005 – present
Archives of Pediatrics and Adolescent Medicine	2006 – present
BMC Health Services Research	2006 – present
Journal of Health Care for the Poor and Underserved	2006 – present
Journal of Public Health Management and Practice	2007 – present
Annals of Epidemiology	2007 – present
Journal of Pediatrics	2007 – present
Health Services Research	2007 – present
Pediatric Pulmonology	2009 – present
BMC Pediatrics	2009 – present

## TEACHING ACTIVITIES

### Mentoring:

Fellowship Mentor	2000 – present
University of Michigan General Pediatrics Health Services Research	
Doctoral Candidate Mentor	2001 – present
University of Michigan School of Public Health	
Student Biomedical Research Fellowship Mentor	2006 – 2007
Alpha Omega Alpha Honor Medical Society	
Masters Student Mentor	2007 – present
University of Michigan School of Public Health	

### Selected Departmental Seminars:

*Pediatric Asthma in Medicaid: Identifying Opportunities for Quality Improvement*, General Pediatrics Children’s Health Services Research Seminar, March 9, 2004.

*Missed Opportunities for Influenza Vaccination Among Children with Asthma*, General Pediatrics Children’s Health Services Research Seminar, November 9, 2004.

*Identifying Opportunities for Improvement in Pediatric Asthma Management*, General Pediatrics Children’s Health Services Research Seminar, May 24, 2005.

*Exploring the Association between Low Birth Weight and Asthma Among Children in Michigan*, General Pediatrics Children’s Health Services Research Seminar, September 6, 2005.

*Influenza Vaccination Rates Among Children with High Risk Conditions: Opportunities for Improvement*, General Pediatrics Children’s Health Services Research Seminar, March 21, 2006.

*Improving Childhood Immunization Coverage Using Reminder and Recall Notices*, General Pediatrics Children’s Health Services Research Seminar, October 31, 2006.

*Pediatric Asthma Management: Identifying Opportunities for Improvement*, General Pediatrics Faculty Meeting, January 16, 2007.

*Think Globally, Immunize Locally: the Role of Local Health Departments*, General Pediatrics Children's Health Services Research Seminar, January 15, 2008.

*Making a Difference in Michigan: Improving Vaccination Coverage using a Statewide Immunization Information System*, Department of Pediatrics Grand Rounds, June 3, 2008.

*Using Administrative Data to Improve Children's Health in Michigan*, General Pediatrics Children's Health Services Research Seminar, October 14, 2008.

## **COMMITTEE, ORGANIZATIONAL AND VOLUNTEER SERVICE**

### **Institutional**

Advisory Council on Clinical Research (ACCR) 2007 – present  
University of Michigan Medical School

Child Health Evaluation and Research (CHEAR) Unit 2008 – present  
Seminar Coordinator

### **Regional**

Asthma Initiative of Michigan 2000 – present  
Surveillance and Epidemiology Work Group

Asthma Initiative of Michigan 2000 – present  
Michigan Asthma Communications Network Work Group

Alliance for Immunization in Michigan (AIM) 2006 – present  
Website Development Committee

### **National**

National Immunization Survey (NIS) Expert Panel 2007 – 2008  
Centers for Disease Control and Prevention

Guide to Community Preventive Services 2008 – present  
Immunization Information System Review Committee

National Vaccine Advisory Committee (NVAC) 2008  
Immunization Information System Stakeholders Group

### **Volunteer Service**

Alliance for Immunization in Michigan (AIM) 1996 – present  
Washtenaw County Community Health Committee 1999 – present  
Washtenaw County Immunization Action Coalition 1999 – present  
Ingham County School Nutrition Task Force 2002  
Dexter School District Food Anaphylaxis Focus Group 2002 – 2006

## **CONSULTING POSITIONS and EXTRAMURAL INVITED PRESENTATIONS**

### **Consulting Positions**

Computer Programmer The University of Michigan Ann Arbor, Michigan	September 1980 – December 1981
Graduate Teaching Assistant The University of Michigan Ann Arbor, Michigan	December 1980 – December 1983
Research Assistant The University of Michigan Ann Arbor, Michigan	January 1982 – December 1982
Health Data Analyst Vector Research, Incorporated Ann Arbor, Michigan	June 1983 – June 1984
Senior Health Data Analyst Vector Research, Incorporated Ann Arbor, Michigan	July 1984 – June 1986
Project Manager Vector Research, Incorporated Arlington, Virginia (1986 - 1990) and Ann Arbor, Michigan	July 1986 – June 1993
Client Manager Vector Research, Incorporated Ann Arbor, Michigan	July 1993 – June 1996
Senior Health Care Policy Analyst Vector Research, Incorporated Ann Arbor, Michigan	July 1996 – June 1999
Marketing Director State and Commercial Business Development Vector Research, Incorporated Ann Arbor, Michigan	July 1999 – February 2000
Asthma Surveillance for the State of Michigan Michigan Department of Community Health, Bureau of Epidemiology Lansing, Michigan	September 2002 – present

### Extramural Invited Presentations

*Estimating Risk Factors for Delays in Childhood Immunization using the National Health Interview Survey*, Alliance for Immunization in Michigan (AIM), May 18, 2001.

*Utilization of Emergency Department Services by Children Enrolled in Medicaid*, Presentation to the Michigan Department of Community Health, Medicaid Clinical Advisory Committee, July 24, 2002.

*The Prevalence of Asthma among Medicaid Children in Michigan*, Presentation to Michigan Department of Community Health, Medicaid Clinical Advisory Committee, January 22, 2003.  
*Variations in Asthma Prevalence and Health Services Utilization among Medicaid Beneficiaries*, Michigan Department of Community Health Epidemiology Seminar, April 17, 2003.

*Pediatric Asthma in Medicaid: Health Services Utilization and Opportunities for Quality Improvement*, Michigan Department of Community Health, Medicaid Clinical Advisory Committee, April 28, 2004.

*Assessing Statewide Asthma Quality of Care Using Medicaid Claims*, Asthma Regional Council of New England, October 29, 2004.

*Perspectives on Asthma Surveillance from Analysis of Michigan Medicaid Claims*, Asthma Regional Council of New England, October 29, 2004.

*Perspectives on Asthma Surveillance from Analysis of Michigan Medicaid Claims* Centers for Disease Control and Prevention Air Pollution & Respiratory Health Branch, January 20, 2005.

*Assessing Asthma Management Using Medicaid Claims: Challenges and Opportunities* Centers for Disease Control and Prevention Air Pollution & Respiratory Health Branch, January 20, 2005.

*Variations in Pediatric Asthma Management Practices* Michigan Department of Community Health, Medicaid Clinical Advisory Committee, January 26, 2005.

*Asthma Surveillance and Outcomes Analysis Using Medicaid Claims* Michigan Department of Community Health, Clinical Cost Database Stakeholders Meeting, April 28, 2005.

*Missed Opportunities for Influenza Vaccination Among Children with Asthma* Michigan Department of Community Health, Medicaid Clinical Advisory Committee, January 25, 2006.

*Asthma Surveillance Using Medicaid Claims*, Centers for Disease Control and Prevention Air Pollution & Respiratory Health Branch, September 19, 2006.

*Assessing Asthma Outcomes Using Medicaid Claims*, Centers for Disease Control and Prevention Air Pollution & Respiratory Health Branch, September 19, 2006.

*Identifying Opportunities for Improvement in Pediatric Asthma Management*, Michigan State University, Department of Epidemiology, September 28, 2006.

*Taking a Statewide Immunization Information System to the Next Level: Identifying Children with High-Risk Conditions*, National Immunization Conference, March 7, 2007.

*Enhancing Immunization Recall with the Michigan Care Improvement Registry*, Michigan Department of Community Health, Division of Immunization, March 12, 2008.

*Medicaid Drug Utilization Review Program*, Michigan Department of Community Health, Medicaid Clinical Advisory Committee, April 23, 2008.

*Improving Childhood Vaccination Coverage using Reminder and Recall Notices in MCIR Region 2*, MCIR Region 2 Advisory Committee, July 18, 2008.

*Making a Difference in Michigan: Improving Vaccination Coverage using the Michigan Care Improvement Registry*, MDCH Epidemiology Seminar, September 25, 2008.

*MCIR Reminder / Recall Notices: Improving Vaccination Coverage in Michigan*, MDCH Immunization Division, June 16, 2009.

## **SELECTED OTHER PRESENTATIONS**

*Reducing the Risk of Delays in Age-Appropriate Vaccination*, American Public Health Association Annual Meeting, October 23, 2001.

*Risk Factors for Delays in Childhood Vaccination*, American Public Health Association Annual Meeting, October 23, 2001.

*The Importance of Age-Appropriate Vaccination Status in Immunization Performance Measurement*, University of Michigan Pediatric Research Symposium, October 26, 2001.

*The Influence of Enrollment in Medicaid Managed Care Versus Fee-for-Service on Emergency Department Utilization*, Pediatric Academic Societies' Annual Meeting, May 7, 2002.

*Surveillance of Asthma Prevalence Using Medicaid Claims*, Council of State and Territorial Epidemiologists, with Sarah Lyon-Callo MS, MA, June 10, 2002.

*Risk Factors for Delays in Age-Appropriate Vaccination*, National Immunization Conference, March 18, 2003.

*Surveillance of Asthma Prevalence using Medicaid Claims*, Michigan Department of Community Health Asthma Epidemiology Work Group, April 25, 2003.

*Post-Emergency Department Follow-Up Visits for Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 6, 2003 (poster presentation).

*Emergency Department Utilization by Medicaid Enrollees with Asthma*, Pediatric Academic Societies' Annual Meeting, May 6, 2003 (poster presentation).

*Post-Emergency Department Follow-Up Visits for Children with Asthma*, University of Michigan Pediatric Research Symposium, October 17, 2003.

*Statewide Asthma Surveillance Using Medicaid Claims*, National Asthma Conference, April 14, 2004.

*Use of Anti-Inflammatory Medications and Emergency Department Reliance Among Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 4, 2004.

*Using Medicaid Claims to Assess Registry Data Completeness*, National Immunization Conference, May 13, 2004.

*Assessing Influenza Coverage Among Adolescents with Asthma*, National Immunization Conference, May 14, 2004.

*Use of Anti-Inflammatory Medications and Emergency Department Reliance Among Children With Asthma*, University of Michigan Pediatric Research Symposium, October 1, 2004.

*Anti-Inflammatory Medication Use and Emergency Department Reliance Among Children with Asthma*, Michigan Epidemiology Conference, March 11, 2005.

*Missed Opportunities for Influenza Vaccination among Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 14, 2005 (poster presentation).

*Pediatric Asthma Surveillance Using Medicaid Claims*, Council of State and Territorial Epidemiologists Annual Meeting, June 6, 2005.

*Identifying Opportunities for Improvement in Pediatric Asthma Management*, AcademyHealth Child Health Services Research Annual Meeting, June 25, 2005.

*Missed Opportunities for Influenza Vaccination among Children with Asthma*, University of Michigan Pediatric Research Symposium, November 8, 2005 (poster presentation).

*Potential for Improving Influenza Vaccination Rates Among Children with Asthma*, Michigan Epidemiology Conference, March 31, 2006.

*Asthma Emergency Department and Controller Medication Utilization Among Frequent Users of Short-Acting Beta Agonists*, Pediatric Academic Societies' Annual Meeting, May 1, 2006 (poster presentation).

*Physician Attitudes Regarding Annual Influenza Vaccination among Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 8, 2007 (poster presentation).

*Improving Influenza Vaccination Rates Among Children with Asthma*, AcademyHealth Child Health Services Annual Meeting, June 2, 2007.

*Claims-Based Methods for Monitoring Pediatric Asthma Management Quality Indicators*, AcademyHealth Child Health Services Annual Meeting, June 2, 2007.

*Prematurity as a Predictor of Childhood Asthma among Low Income Children*, University of Michigan Pediatric Research Symposium, November 13, 2007 (poster presentation).

*Missed Opportunities for Influenza Vaccination among Low Income Children*, University of Michigan Pediatric Research Symposium, November 13, 2007 (poster presentation).

*Think Globally, Immunize Locally: the Role of Local Health Departments*, General Pediatrics Children's Health Services Research Seminar, January 15, 2008.

*Private Provider Use of Recall: Practical Considerations*, National Immunization Conference, March 18, 2008 (poster presentation).

*Perceived Barriers to the Use of Immunization Recall among Private Providers*, National Immunization Conference, March 20, 2008.

*Continuity of Prescribers of Short-Acting Beta Agonists to Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 6, 2008.

*Prematurity as a Predictor of Childhood Asthma Among Low Income Children*, Pediatric Academic Societies' Annual Meeting, May 3, 2008 (poster presentation).

*Making a Difference in Michigan: Improving Vaccination Coverage using a Statewide Immunization Information System*, Department of Pediatrics Grand Rounds, June 3, 2008.

*Monitoring Asthma Prevalence and Health Services Using Medicaid Data*, Maternal and Child Health Epidemiology Conference, December 11, 2008.

*Cost Considerations for Immunization Recall by Private Providers*, National Immunization Conference, March 31, 2009.

*Return to Sender: Assessing Immunization Recall Notification Success*, National Immunization Conference, April 1, 2009.

*The Importance of Physician Recommendations for Influenza Vaccination among Children with Asthma*, Pediatric Academic Societies' Annual Meeting, May 5, 2009 (poster presentation).

*Accuracy of Using Medicaid Claims To Identify High-Risk Children for Influenza Vaccination*, Pediatric Academic Societies' Annual Meeting, May 5, 2009 (poster presentation).

## **BIBLIOGRAPHY**

### **Peer-Reviewed Publications**

1. **Dombkowski KJ**. *Risk factors for delays in childhood immunization using the National Health Interview Survey*, Doctoral Dissertation, University of Michigan, School of Public Health, 2001.
2. **Dombkowski KJ**, Lantz PM, Freed GL. The need for surveillance of delay in age-appropriate vaccination. *Am J Prev Med* 2002;23(1):36-42.

3. **Dombkowski KJ**, Stanley R, Clark SJ. The influence of Medicaid managed care enrollment on emergency department utilization by children. *Arch Pediatr Adolesc Med.* 2004;158:17-21.
4. Kemper AR, Cohn LM, **Dombkowski KJ**. Patterns of vision care among Medicaid-enrolled children. *Pediatrics* 2004;113(3 Pt 1):e190-196.
5. **Dombkowski KJ**, Lantz PM, Freed GL. Risk factors for delays in age-appropriate vaccination. *Public Health Rep* 2004;119(2):144-155.
6. Pollack HA, **Dombkowski KJ**, Zimmerman JB, Davis MM, Cowan AE, Wheeler JR, Hillemeier AC, Freed GL. Emergency department use among Michigan children with special health care needs: an introductory study. *Health Services Research* 2004;39(3):665-692.
7. **Dombkowski KJ**, Lantz PM, Freed GL. The role of health insurance and a usual source of medical care in age-appropriate vaccination. *Am J Public Health* 2004;94(6):960-966.
8. Kemper AR, Cohn LM, Fant KE, **Dombkowski KJ**, Hudson S. Follow-up testing among children with elevated screening blood lead levels. *JAMA* 2005;293(18):2232-2236.
9. **Dombkowski KJ**, Wasilevich EA, Lyon-Callo SK. Pediatric asthma surveillance using Medicaid claims. *Public Health Rep* 2005;120(5):515-524.
10. Kemper AR, Cohn LM, Fant KE, **Dombkowski KJ**. Blood lead testing among Medicaid-enrolled children. *Arch Pediatr Adolesc Med* 2005;159:646-650.
11. Cabana MD, **Dombkowski KJ**, Yoon E, Clark SJ. Pediatric asthma quality improvement programs in Medicaid managed care. *Am J Med Qual* 2005;20(4):204-209.
12. **Dombkowski KJ**, Cabana MD, Cohn LM, Gebremariam A, Clark SJ. Geographic variation of asthma quality measures within and between health plans. *Am J Manag Care* 2005;11(12):765-772.
13. Kemper AR, **Dombkowski KJ**, Menon RK, Davis MM. Trends in diabetes mellitus among privately insured children, 1998-2002. *Ambul Pediatr* 2006;6(3):178-181.
14. Cabana MD, Slish KK, Nan B, Leo H, Bratton S, **Dombkowski KJ**. Outcomes associated with spirometry for pediatric asthma in a managed care organization. *Pediatrics* 2006;118(1):e151-156.
15. **Dombkowski KJ**, Davis MM, Cohn LM, Clark SJ. Effect of missed opportunities on influenza vaccination rates among children with asthma. *Arch Pediatr Adolesc Med* 2006;160(9):966-971.
16. **Dombkowski KJ**. School-based influenza vaccination program reduces influenza-related outcomes among household members (Commentary). *J Pediatr* 2007;151(1):100.
17. Yoon EY, **Dombkowski KJ**, Rocchini A, Lin J, Davis MM. Off-label utilization of antihypertensive medications in children. *Ambul Pediatr* 2007;7:299-303.

18. **Dombkowski KJ**, Leung SW, Clark SJ. Provider attitudes regarding use of an immunization information system to identify children with asthma for influenza vaccination. *J Public Health Manag Pract* 2007;13(6):567-571.
19. **Dombkowski KJ**, Leung SW, Gurney JG. Prematurity as a predictor of childhood asthma among low income children. *Ann Epidemiol* 2008;18(4):290.
20. **Dombkowski KJ**, Leung SW, Clark SJ. Physician perspectives regarding annual influenza vaccination among children with asthma. *Ambulatory Pediatr* 2008;8(5):294-299.
21. Hassan F, Lewis TC, Davis MM, Gebremariam A, **Dombkowski KJ**. Hospital utilization and charges among children with influenza, 2003. *Am J Prev Med.* 2009;36(4):292–296.
22. **Dombkowski KJ**, Harrison SR, Cohn LM, Lewis TC, Clark SJ. Continuity of Prescribers of Short-Acting Beta Agonists among Children with Asthma. *J Pediatr.* Aug 13 2009.
23. **Dombkowski KJ**, Wasilevich E, Lyon Callo S, Nguen TQ, Medvesky MG, Lee MA. Asthma Surveillance Using Medicaid Administrative Data – A Call for a National Framework. *J Public Health Manag Pract.* 2009 Nov-Dec;15(6):485-93.

#### **Articles Submitted for Publication**

1. **Dombkowski, KJ**, Leasure S, Stevenson J, Clark SJ. Return to Sender: Undeliverable Immunization Reminder and Recall Notifications.