



ASSOCIATION OF IMMUNIZATION MANAGERS

Research BIO–Sketch

AIM conducts research independently and in partnership with outside organizations and researchers to develop and share evidence-based immunization policies and practices. AIM participates in various aspects of research projects, including research design, data collection and analysis and dissemination of results.

Publications

Seib K, Chamberlain A, **Wells K**, et al. Changes in immunization program managers' perceptions of program's functional capabilities during and after vaccine shortages and the H1N1 influenza pandemic. *Public Health Reports*. Expected release Nov/Dec 2014.

Moriarty LF, Omer SB, Seib K, Chamberlain K, **Wells, K**. Changes in immunization program managers' perceptions of program's functional capabilities during and after vaccine shortages and the H1N1 influenza pandemic. *Public Health Reports*. Expected release Nov/Dec 2014.

Curran C, Seib K, **Wells K, Hannan C**, et al. A National Survey of Immunization Programs Regarding Immunization Information Systems Data Sharing and Use. *J Public Health Management Practice*. 2013; 00(00): 1–7.

Wells KB and Omer SB. The financial impact of a state adopting a personal/philosophical belief exemption policy: Modeling the cost of pertussis disease in infants, children and adolescents. *Vaccine*. 2012;30(41):5901-5904. <http://www.sciencedirect.com/science/article/pii/S0264410X12010729>

Chamberlain A, Seib K, **Wells K, Hannan C**, Orenstein WA, Whitney E, Hinman AR, Berkelman RL, and Omer SB. Perspectives of Immunization Program Managers on 2009-10 H1N1 Vaccination in the United States: A National Survey. *Biosecurity and Biodefense: Biodefense Strategy, Practice, and Science*. 2012; 10(1):142-150. doi:10.1089/bsp.2011.0077.

Chamberlain A, **Wells K**, Seib K, Kudis A, **Hannan C**, et al. Lessons learned from the 2007 – 2009 Hib Vaccine Shortage: Implications for Future Vaccine Shortages and Public Health Preparedness. *Journal of Public Health Management & Practice*. In Press.

Hannan C, DeBlois A & Monroe J. Maintaining the vaccine safety net. *Pediatrics*. 2009; 124: S571-S572

Lee GM, Santoli JM, **Hannan C**, et al. Gaps in vaccine financing for underinsured children in the United States. *JAMA*. 2007; 298 (6):638–643

Presentations

2014 State of the States: Immunization Program Perspective, Washington, DC

- 2014 State of the States, National Adult and Influenza Summit, Atlanta, Georgia
- 2014 State/Local/Territorial Immunization Program Vaccine Hesitancy/Confidence/Safety Activities-Lessons Learned- Recommendations, NVAC Vaccine Hesitancy Workgroup Meeting, Webinar
- 2012 Strategies to Improve Eligibility Screening in Immunization Information Systems (IIS), American Immunization Registry Association Meeting, St. Paul, Minnesota
- 2011 Implementation of ACIP Permissive Recommendation in State, Local and Territorial Immunization Programs, National Immunization Conference, Washington, DC
- 2011 Using ARRA Funds to Implement Strategies to Improve Immunization Coverage Rates, National Immunization Conference, Washington, DC
- 2011 Part of the Plan: Use of Incident Command System (ICS) and Emergency Operation Center (EOC) Structures During the 2009 H1N1 Influenza Vaccination Response, National Immunization Conference, Washington, DC
- 2011 Use of Immunization Information Systems During the 2009 – 2010 Pandemic H1N1 Vaccination Campaign: A Survey of Immunization Program Managers, National Immunization Conference, Washington, DC
- 2011 State, Local and Territorial Immunization Programs and Emergency Preparedness Programs Collaboration During the H1N1 Vaccination Initiative, National Immunization Conference, Washington, DC
- 2010 Implementation of ACIP Permissive Recommendation in State, Local and Territorial Immunization Programs, October ACIP HPV Work Group Meeting
- 2010 Characterization and costs of vaccine storage failures resulting in wasted vaccine, National Immunization Conference, Atlanta, GA
- 2010 Improving Communications During a Vaccine Shortage: Lessons learned from the 2008 – 2009 Haemophilus influenza Type-B (Hib) shortage, National Immunization Conference, Atlanta, GA
- 2010 Functional Capabilities of Immunization Information Systems during Vaccine Shortages and Public Health Emergencies, National Immunization Conference, Atlanta, GA
- 2010 Tracking State-Level Implementation of 2009-H1N1 Vaccination, National Immunization Conference, Atlanta, GA
- 2010 Use of Immunization Information Systems by VFC Provider Sites in Oregon and Louisiana in Planning for and Managing the 2009 – 2010 Influenza Vaccination Campaign, National Immunization Conference, Atlanta, GA
- 2008 Achieving Better Use of Existing Vaccines: An Overlooked Option, IOM Committee on Review of Priorities in the National Vaccine Plan.

- 2008 The perceived importance of vaccine storage problems and variability of storage and handling policies among immunization programs in the US, National Immunization Conference, Atlanta, GA
- 2008 Considerations and timeline to incorporate a new vaccine in city and state immunization programs in the US, National Immunization Conference, Atlanta, GA
- 2008 Achieving better use of existing vaccines: An overlooked option, IOM Committee on Review of Priorities in the National Vaccine Plan, Chicago, IL
- 2007 School vaccination requirements, National Immunization Conference, Kansas City, MO
- 2006 Lessons learned from the 2004-2005 influenza vaccine shortage, National Immunization Conference, Washington, DC

Research Support

- Alexandra Stewart (PI) 1/1/2011-12/31/13
Pfizer
Comprehensive Annual Survey of State Immunization Programs and Policies
The goal of this project is to research and catalog an array of immunization measures and benchmarks that characterize the immunization environment and infrastructure in each of the 64 grantees.
Role: Consultant
- Christine Layton (PI) 2/25/10-02/25/12
Centers for Disease Control and Prevention
Strengthening the Evidence Base: Monitoring Vaccination Coverage and Exemptions among Kindergarteners
The major goal of this project is to identify barriers and best practices for kindergarten assessments and develop tools for grantees to improve practices.
Role: Consultant
- Alan O'Connor (PI) 10/01/2010-9/30/2011
Centers for Disease Control and Prevention
Impact of a Modern Bar Code for Vaccine Production, Clinical Documentation, Public Health Reporting and Tracking
This project is analyzing the potential impacts changing how vaccine product labels are barcoded would have on vaccine manufacturers, immunization providers, and immunization data users. Instead of linear barcodes with only the National Drug Code (NDC), the barcode would be a data matrix that would include the NDC, expiration date, and lot number.
Role: Consultant
- Susan Vadaparampil (PI) 7/01/08—06/30/12
National Institute of Health
Recommendation of HPV Vaccination Among U.S. Physicians
The major goal of this study is to conduct a nationally representative prospective study of physicians in the U.S. assessing recommendation for HPV vaccination at 2 time points early (three years post-HPV vaccine licensure) and later (five years post vaccine licensure) in the diffusion of HPV vaccination into clinical practice.

Role: Consultant

Ruth Berkelman (PI) 05/30/08—09/30/11
Office for Terrorism Preparedness and Emergency Response Centers for Disease Control and Prevention
Vaccine Shortages and Public Health Preparedness
The overarching goal of this project is to help improve public health preparedness through maximizing the capabilities of the U.S. vaccination system.
Role: Consultant

National Association of County & City Health Officials (PI) 08/30/08—05/30/09
Centers for Disease Control and Prevention
Evaluation of the CDC Adult Hepatitis B Vaccine Initiative
The overarching goal of this project is to evaluate the 2007 CDC Hepatitis B Vaccine Initiative in order to demonstrate efficacy, better characterize the initiative and understand the operational elements.
Role: Consultant

Gary Freed (PI) 11/01/07 – 10/31/08
Sabin Vaccine Institute
State-Level Perspectives on Immunization Policies, Practices, and Program Financing
The goal of this study is to document state-level immunization policies and practices, to explore the different ways that states are addressing the current challenges to their programs.
Role: Consultant