

## **Shandy Dearth, MPH**

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### **Office:** Center for Public Health Practice

Richard M. Fairbanks School of Public Health  
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### **EDUCATION**

Master of Public Health, Epidemiology Concentration, Indiana University School of Medicine.  
2002

Bachelor of Science, Public Health, Environmental Concentration, Indiana University School of  
Public and Environmental Affairs. 1998

### **EXPERIENCE**

#### ***Director***

Center for Public Health Practice

<https://fsph.iupui.edu/research-centers/centers/public-health-practice/index.html>

Richard M. Fairbanks School of Public Health, Indiana University, July 2019 to present

- Leads the strategic direction of the Center
- Supervises Center staff
- Engages with internal and external partners
- Works in close coordination with the Associate Dean
- Serves as a school representative and liaison with public health professional organizations, state and local governmental agencies and other community groups
- Applies for funding that promotes and sustains public health work of the Center

#### ***Executive Director***

International Society for Disease Surveillance

[www.healthsurveillance.org](http://www.healthsurveillance.org)

Braintree, Massachusetts, December 2016 to July 2019

- Led the staff and scientific planning committee to hold a successful annual scientific conference, while working within set budgets and meeting timelines.
- Identified, pursued and attained financial resources that enhanced organizational capacity for the Society's mission, including cultivation and stewardship of relationships with funders, grant and proposal writing, development of membership services, and identifying new resources.
- Administered ISDS daily operations, including, but not limited to: reviewing and evaluating the results of program activities; ensuring that continuing contractual obligations are being fulfilled;

allocating resources for greater program effectiveness and efficiency; and developing organizational and administrative policies and program objectives for Board consideration.

- Cultivated strong partnerships and engagement with the ISDS Board of Directors to set strategies and priorities that advance the Society's mission and maintain close communication with the Board of Directors and oversee support of all activities associated with the Board of Directors, including staffing for all Board and Committee meetings, meeting schedules, locations, agenda development, and meeting materials.
- Managed the Society's finances, including developing and implementing the annual budget and working with the Director of Finance for the annual audit.
- Acted as a key spokesperson and chief advocate for the mission and goals of the Society
- Led, motivated, supervised and developed staff in support of the mission, goals and objectives of the Society.
- Cultivated and maintained strong relationships with the members in local, state, federal, and international public health settings and with academic and private sector partners.

### ***Administrator, Epidemiology***

Marion County Public Health Department (MCPHD)

Health and Hospital Corporation of Marion County (HHC), June 2012 to December 2016

<http://marionhealth.org/>

- Supervision of epidemiologists and other department staff, including direct personnel actions such as: promotion, recruiting, hiring, salaries, job evaluations and disciplinary actions/dismissals.
- Principal Investigator of a four-year CDC Refugee Health Surveillance grant and managed the CDC BioSense 2.0 three-year grant
- Managed special projects and collaborations with partnering agencies.
- Led special projects within MCPHD, such as for quality improvement and PHAB accreditation.
- Served as a liaison between MCPHD/HHC with other local health departments, Indiana State Department of Health, and other partnering agencies such as Regenstrief Institute, Indiana Health Information Exchange, and the Indianapolis Patient Safety Coalition.
- Worked with the director of epidemiology in developing and implementing strategic plans for the department.
- Cultivated relationships with academic researchers to stimulate projects to assess and improve health in Marion County, including coordinating epidemiology internships for MPH and PhD students.
- Supervised graduate students, interns, fellows, and other temporary workers.
- Managed department and grant budgets totaling more than \$1 million annually.

### ***Epidemiologist Manager***

Marion County Public Health Department (MCPHD)

Health and Hospital Corporation of Marion County (HHC)

August 2007 to June 2012

- Assigned, prioritized, and monitored projects for epidemiologists working in syndromic surveillance, communicable diseases, HIV/STDs, Maternal and Child Health, and Environmental Health
- Developed and maintained expertise in relevant public health issues
- Identified needs for data and communicated with external agencies such as the Indiana State

Department of Health and Regenstrief Institute to establish processes to secure data.

- Designed, conducted, and interpreted statistical analyses and program evaluations.
- Created evaluation sections for grant proposals.
- Prepared and delivered reports and presentations on health issues and statistics for professional and lay audiences.
- Planned for and responded to public health emergencies by identifying and supplying relevant real time health information.
- Coordinated internships for graduate students.

### ***Epidemiologist***

Marion County Public Health Department (MCPHD)

Health and Hospital Corporation of Marion County (HHC)

November 2003 to August 2007

- Implemented and evaluated syndromic surveillance activities to find possible disease outbreaks in the community.
- Completed data analysis requests utilizing Access, Excel and SAS for all departments within MCPHD.
- Investigated and reported on communicable and infectious diseases.
- Assisted in preparing grant applications.
- Assisted Indiana Health District 5 in epidemiological activities relating to emergency preparedness and disease outbreaks.
- Utilized various databases and created additional databases as necessary to accurately track data pertinent to health data inside Marion County.
- Collaborated with outside agencies such as the Indiana State Department of Health, Regenstrief Institute, and the Center for Disease Control and Prevention.

### ***Outcomes Specialist***

Indiana Behavioral Health Choices

September 2002 to November 2003

- Administered surveys, facilitated focus groups, and conducted interviews with clients, project staff, and other project stakeholders.
- Maintained a schedule of data collection activities and ensured the timely collection of data by attending team meetings, making follow-up calls, and developing written reminders.
- Provided ongoing training and technical assistance to project staff in data entry, data collection, survey administration, and related areas.
- Managed multiple databases, entering data, developing queries, and analyzing data using SPSS, Microsoft Access, Excel, and other appropriate software.
- Assisted the Director of Outcomes and Evaluation in conducting project evaluations using both qualitative and quantitative methods, conducting literature reviews, preparing project briefs, publications, and presentations, and identifying and accessing external sources of data.

### ***Environmental Specialist II, Food Safety Field Supervisor***

Hendricks County Health Department

December 1998 to September 2002

- Licensed and inspected food service establishments in accordance with state and county regulations while supervising the food division staff.
- Chaired county health coalition, maintained grant appropriations, and recruited members.

- Planned and implemented health education activities throughout the county for a variety of topics including food safety sanitation.
- Reviewed existing county policies and implemented changes when necessary.
- Investigated environmental complaints/hazards and completed necessary documentation and follow-up.
- Inspected water supplies for contamination and advised on construction of water supplies.
- Conducted routine public swimming pool inspections and reviewed new pool applications.

## COMMUNITY/PROFESSIONAL ACHIEVEMENTS

- Board Member, Indiana University Fairbanks School of Public Health Alumni Association, 2016-present; Past President 2017-2018
- Member, Town of Cumberland Parks Advisory Council, 2016-present
- Member, Indiana University Fairbanks School of Public Health Community Practice Advisory Board, 2015-present
- NACCHO (National Association of City and County Health Officials) BioSurveillance Workgroup Member, 2014-2016
- Opportunity Indianapolis Scholarship Recipient, 2013
- Marion County Public Health Department Employee of the Month, June 2012
- Delta Omega member, Inducted 2012
- Meaningful Use Workgroup member for ISDS (International Society of Disease Surveillance), 2011-2012
- Innovation Award, Marion County Public Health Department, 2011
- LEAD (Lacy Leadership Education and Development) Graduate, 2011
- Certified in Basic Disaster Life Support by the American Medical Association, 2011-2014
- MARPHLI (Mid America Regional Public Health Leadership Institute) Fellow, 2007-2008
- Employee of the Year Award, Health and Hospital Corporation/Marion County Health Department, 2007
- Secretary of Central Chapter of Indiana Public Health Association, 2004-2006
- Volunteer Evaluator for Paws and Think, 2005-2006
- Big Sister Volunteer, 2000-2002
- Partners in Progress Award from Cummins Mental Health Association, 2001

## PRESENTATIONS/PUBLICATIONS

1. Building an Online Building State and Local Public Health Capacity in Syndromic Surveillance Through an Online Community of Practice Gould, D. W., Lamb, E., **Dearth, S.**, & Collier, K. (2019). *Public Health Reports*. <https://doi.org/10.1177/0033354919828713>
2. HL7 balloting process for the Implementation Guide for Syndromic Surveillance, *Online J Public Health Informatics*. Hicks P, Lamb E, **Dearth S**, and Trepanier D <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6087994/> 2018; 10(1): e42. Published online 2018 May 30
3. HIMSS Annual Conference, Feb 2017. Presentation titled, 'Enhancing Information Exchange through a Digital Bridge'. Andrew W. Wiesenthal, MD, SM, Deloitte Consulting, LLP Shandy **Dearth**, MPH, International Society for Disease Surveillance Kirsten Hagemann, MBA, Cerner [https://www.himssconference.org/sites/himssconference/files/pdf/126\\_0.pdf](https://www.himssconference.org/sites/himssconference/files/pdf/126_0.pdf)
4. Dixon BE, McFarlane TD, **Dearth S**, Grannis SJ, Gibson PJ. Characterizing Informatics Roles and Needs of Public Health Workers: Results From the Public Health Workforce Interests and Needs

- Survey. *J Public Health Management and Practice*. 2015 Nov-Dec; 21 Supplement 6
5. Brand, J., Siela, D., Caine, V. & **Dearth, S.** (2014). Ebola is here: Knowledge, identification, and appropriate infection control are key. *American Nurse Today*, **Vol. 9 No. 10** . Retrieved from <http://www.americannursetoday.com/ebola-knowledge-identification-appropriate-infection-control-key/>
  6. American Public Health Association 2014 annual conference. Public health campaigns and social marketing strategies: An academic-practice partnership. Kacius C., **Dearth S**, McKee M, Cummings S.
  7. Beneficial Practices for Improving Biosurveillance Webinar Series. UNC Gillings School of Public Health. Outbreaks-Seasonal Flu. **Dearth S**, McMasters M.
  8. International Society for Disease Surveillance 2011 Annual Conference. Presentation titled, "Using a real time syndromic surveillance system to track heat related illnesses during a heat wave." **Dearth S**, Mulanya K, Butwin J.
  9. International Society for Disease Surveillance 2011 Annual Conference. Presentation titled, "Patient Management System Programmed Alert to Notify Providers of Suspected TB Cases." Gamache R, **Dearth S**, Grannis S, Dexter P.
  10. Public Health Information Network. (PHIN) Annual Conference. August 2009. Poster titled, "Design and Deployment of An Integrated, Standards-Based Public Health Alerting System." Grannis S., Dixon B., Gibson J., Smiley A., **Dearth S**. Stevens K. Barnes M.
  11. National Association of City and County Health Officers (NACCHO) Annual Conference Presentation 2009. Poster titled, "An Open Source Notifiable Disease Detector." **Dearth S**, Gibson P, Grannis S.
  12. Indiana Public Health Conference. Presentation titled, "Disease Investigation Reference Manual." Leticia Turner, **Shandy Dearth**. April 2009.
  13. "Utilizing Emergency Department Data to Evaluate Primary Care Clinic Hours" Jutieh Lincoln, MPH, Kevin C. Stevens, MPH, MA, **Shandy Dearth, MPH**, Joseph Gibson, PhD, MPH, and Millicent Fleming-Moran, PhD *Advances in Disease Surveillance*, 2008; 5:114.
  14. American Public Health Association Annual Conference 2008. Presentation titled, "Social and Economic Correlations of Health Outcomes in Marion County, Indiana". Hanson C., **Dearth S.**, Moran M., Gibson J.
  15. Indiana Public Health Spring Conference 2008. Panel presentation titled, "Using ICS at a Local Health Department to Respond to a Disease Outbreak." **Dearth S**. Gibson J. Jones C, Peden P., McMasters M.
  16. International Society for Disease Surveillance 2007 Annual Conference. Presentation titled, "Super Bowl Surveillance: A Practical Exercise in Inter-Jurisdictional Public Health Information Sharing" Sniegowski C, Loschen W, **Dearth S**, Gibson J, Lombardo J, Wade M, Westercamp M, Wojcik R, Zhang G
  17. International Society for Disease Surveillance 2007 Annual Conference. Presentation titled, "Increasing the Return on Investment from Syndromic Surveillance." P. Joseph Gibson, PhD. **Shandy Dearth, MPH**.
  18. Indiana Public Health Spring Conference 2007. Panel presentation titled, "Indiana's Syndromic Surveillance Network: It's Not Just for Bio-Terrorism Anymore." **Dearth S**, Gibson J.
  19. Syndromic Surveillance Conference 2005. Poster titled, "Intensity of Field Investigations Needed to Validate Syndromic Surveillance Alerts." P. Joseph Gibson, PhD., **Shandy Dearth, MPH**.
  20. Syndromic Surveillance Conference 2004. Poster titled, "An evaluation of non-prescription medication sales as outbreak indicators: study design and logistics." P. Joseph Gibson, PhD., **Shandy Dearth, MPH**
  21. Indiana Public Health Spring Conference, 2004. Presentation titled, "An evaluation of non-

prescription medication sales as outbreak indicators: study design and logistics” **Dearth S.**

22. Choices, Inc. Systems of Care Panel Presentation. Portland, Oregon. June 2003.

23. 2002 Report of the Action Coalition to Ensure Stability (ACES), Effland, V. and Cheek (**Dearth**), **S.** Submitted to SAMHSA July 2003.