

Training Opportunities in Public Health Informatics

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Program Update

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Public Health Informatics is a field that requires constant practice, research and learning. The need is greater now for the public health workforce to be trained in this area. Realizing this need, the NACCHO Public Health Informatics team has compiled a quarterly training opportunity newsletter to help those with interest to find training opportunities in the field. Please let us know if you can suggest programs that have not been included in this newsletter using the contact information on the left.

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Fellowship & Training Opportunities

CDC Training and Fellowship Opportunities

The Center for Disease Control and Prevention's (CDC) Public Health Informatics Fellowship is an excellent training program that develops leaders skilled in integrating public health information systems and developing data standards, policy and quality-control measures to advance the practice of public health informatics. The following training experience can be expected from the program:

- Building skills in cutting-edge, future-driven technology
- Getting training in both informatics and public health
- Being assigned to teams involved in research and

development of crucial information systems

- Developing, evaluating, implementing, and managing new public health information systems, as well as adapting and supporting existing systems

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American Medical Informatics (AMIA) 10x10 Training Program

The AMIA program focuses on workforce training for medical and public health professionals. The program provides training to strengthen the breadth and depth of knowledge in the principles and application of informatics. The web-based interactive courses provide students with the skills to develop basic analysis and lifelong engagement in the evolving field of public health informatics. A limited number of scholarships are provided through arrangements with the CDC.

[For more information on AMIA Public Health Informatics 10 x 10 Courses, please contact Susanne Velucci, Education and E-learning Program Coordinator](#)

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Online Programs

UIC School of Public Health

The University of Illinois at Chicago offers the nation's only 100 percent online programs in Public Health Informatics (PHI). The University is at the forefront of PHI training and is committed to the advancement of public health and community health through the use of technology.

The programs offered are:

- Master of Public Health in Public Health Informatics (PHI)
 - o Comprehensive Program
 - o Professional Enhancement Program
- PHI Certificate Program
- PHI Credit Non-Degree Courses

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University of Maryland Graduate Certificate Program in Public Health Informatics

The University of Maryland's Graduate Certificate of Professional Studies in Public Health Informatics offers a curriculum with the latest scientific and technological principles and practices needed to progress in the fastest growing area of public health. The online certificate is a 12-credit program designed with the expectations to improve the systematic application of information technologies and systems to public health practice, research and learning.

The program is suitable for the following people:

- Federal and state health professionals
- Homeland security policymakers
- Nurses and pharmacists
- Epidemiologists and infectious disease experts
- Hospital workers and lab technicians
- Systems management professionals
- Information technology professionals

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Onsite Programs

Emory Public Health Certificate Program

Emory Public Health Certificate program is primarily designed for public health professionals who already have advanced training in the field and wish to gain further insight into this emerging discipline. The certificate program will focus on the more technical courses in the curriculum rather than the more general public health core courses.

The following are certificate course requirements:

- Principles of Public Health Informatics I
- Principles of Public Health Informatics II
- Database Management Systems
- Advanced Database Management Systems OR
- Artificial Intelligence
- Management Principles for Informatics
- Introduction to PH Surveillance (Pre-requisite: EPI 530 or equivalent)
- Geographic Information Systems
- Health Outcomes (Pre-requisite: HPM 500 or equivalent)
- Epidemiological Methods I
- Intro to U.S. Health Care Systems

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Other Resources

World Wide The First and Most Comprehensive Health Informatics/Medical Informatics Index Site

A list of national and international resources on Public Health Informatics training programs.

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Push begins to ramp up health IT

May 10, 2010: Johns Hopkins' Division of Health Services Informatics, has been awarded \$3.75 million HITECH grant to develop a workforce training program at the Schools of Medicine, Public Health and Nursing. The program hopes to increase the workforce training needed to advance individuals in the field of health information technology.

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The Certified Professional in Healthcare Information and Management Systems (CPHIMS)

With more than 40,000 new health information technology (HIT) jobs, and 30,000 new health information management (HIM) jobs candidates must stand out in the competitive job marketplace. CPHIMS, the most respected and recognized certification program for health IT professionals is offering an exam governed by the Healthcare Information and Management Systems (HIMSS). The exam will help candidates gain the recognition and credibility needed in the critical healthcare IT and management systems categories.

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Health IT training through HITECH programs

The Community College Consortia to Educate Health Information Technology Professionals and the Health Information Technology Regional Extension Centers (HITREC) funded through the American Recovery and Reinvestment Act (ARRA), have great opportunities for health informatics training. The Community College Consortia program will create health IT education and training programs at community colleges or expand existing programs. These programs will provide non-degree training programs to be completed in six months or less. Under the HITREC, grants will be offered for technical assistance, guidance and information on best practices to support and accelerate health care provider's efforts to become meaningful users of Electronic Health Records (EHRs). For more information on these programs visit the Office of the National Coordinator (ONC) website.

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