
ASIAN INSTITUTE OF PUBLIC HEALTH

Academic

Session 2011



Center for Public Health Informatics (CPHI)

Committed to improving Public Health through information Technology

For admission contact: ADMISSIONCPHI@aiph.ac.in

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Further information about the programs of the Asian Institute of Public Health may be obtained from the Institute's office at Plot No: 1037, Shriram Nagar, Samantarapur, Bhubaneswar-751002 or its website www.aiph.ac.in

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AIPH Genesis

The concept of building an institute of this kind sprung from the needs felt and the enormous insights gained by the physicians and researchers working in India over the last eight years. Further collaboration and support offered by the State and the Central Governments and major US universities made a project of this magnitude feasible and AIPH came into being. It is now poised to provide the much needed public health services to Indian states and other foundations and organizations having similar missions in India and Asia.

AIPH Goals

1. Cater to local public health needs and prepare a workforce of skilled personnel to meet future challenges
2. Provide necessary technical support to Indian states, other Asian countries, NGOs, and foundations in the areas of public health education, research, and service
3. Conduct innovative research to develop sustainable health care delivery models, which, in conjunction with evidence-based research and advocacy will shape health policies
4. Contribute to the design and monitoring of national programs and foster collaboration among neighboring Indian states

Center for Public Health Informatics

Committed to Improving Public Health through Information Technology

About us

We are a diverse group of public health and informatics experts focused to translate rigorous and multidisciplinary research into action to improve population health.

Mission

Our mission is to improve public health through use of novel and effective informatics applications to enhance early detection of disease, continuous disease monitoring and multifaceted interventions to support disease management, and prevent or reduce morbidity.

Vision

The group's vision is to enhance public awareness, and formulate policy on best applications and/or methods of informatics for use in public health.

Goals

1. Bring together researchers from diverse backgrounds including public health, medicine, other allied healthcare professionals, policy makers, information systems, statistics, medical geography, computer science and psychology to design and evaluate technology mediated interventions to support disease prevention and disease management.
2. Integrate clinical and public health approaches to improve health information exchange (HIE) among various stakeholders to improve healthcare access, reduce costs and improve overall quality of life of the people.
3. Use informatics applications to improve prevention and management of communicable and non-communicable diseases.
4. Improve data integration from multiple sources; analyze the data to create and disseminate information effectively.
5. Assist the local, state and the central government to assess the community needs and implement novel informatics approaches for real time disease monitoring to improve disease surveillance.
6. Create a global consortium of public-private members including individuals, primary health care centers, healthcare facilities, NGOs, and other industries.

COURSE OFFERED

Post Graduate Diploma in Public Health Informatics (PGDPHI)

Twelve Months Online Course

Eligibility: The course is targeted for graduates from all disciplines, and a few of which are Medicine, Dentistry, Pharmacy, Nutrition, Physical and occupational therapy and Nursing. All graduates from Information Systems, Computer Science, and Engineering can also partake this course.

Course Modules

No.	Module Code	Course Name	Credits
1.	IPHI	Introduction to Public Health Informatics	3
2.	FHIS	Foundation of Health Information Systems	3
3.	APHI	Applications of Public Health Informatics	3
4.	CMHEHP	Computer mediated Health Education and Health Promotion	3
5.	IRP	Informatics Research Project	12
		Total	24



Course Outline

1. Introduction to Public Health Informatics (IPHI) : 10 weeks

This course is designed to help individuals gain knowledge and skills in informatics concepts and applications. The course provides individuals the basic knowledge to identify differences between clinical and public health informatics, core competencies of public health informatics, systematic review of the public health information systems and acquire understanding about various Public Health Informatics applications.

2. Foundation of Health Information Systems (FHIS) : 10 weeks

This course is designed to help individuals gain knowledge and skills in public health standards. The course provides an opportunity for the students to understand the information system architecture in public health, requirement analysis, and design, and evaluate health information systems. The students will also be given an opportunity to describe, privacy, confidentiality and security issues relevant to health information systems.

3. Applications of Public Health Informatics (APHI) : 10 weeks

The overall course goal is to provide students: overview of clinical decision support systems, Geographic information Systems, public health surveillance systems, barriers to implementation of Public Health Information systems and future applications of Public Health Information systems .

4. Computer Mediated Health Education and Health Promotion (CMHEHP) : 10 weeks

The overall course goal is to provide students: Web based approaches to health education and health promotion, role of health literacy and varied learning needs of public health consumers and different stakeholders. Topics include information retrieval, and evaluation of quality and content of health information on the internet and electronic communication of public health message.

5. Informatics Research project (IRP) : 12 weeks

The informatics research project would be focused on a topic to public health relevance. There are several options for the graduate students. Working professionals or executives can perform a project something relevant to their job. CPHI and other faculty within the AIPH will mentor the students.



Evaluation

The evaluation of the course modules will be done based on the following components:

1. Quizzes (15%)
2. Midterm (35%)
3. Final Paper/Project (40%)
4. Discussions (10%)

Students will be evaluated separately for their research project and it will contribute 30% to the final grade of the post graduate diploma. The anticipated deliverable for the final project may be a paper for possible publication.

Course Fees

India: Rs. 40,000/-

Outside India: 3,600 USD

Fees can be paid through a bank draft obtained from any of the scheduled banks in favor of AIPH-CPHI payable at Bhubaneswar. Some scholarships will be available to deserving candidates to partially defray the tuition cost. The course fee is inclusive of all the study materials, examination fees and other faculty support. Separate rates may apply to sponsored candidates by the government and non-government.

Admission Procedure

Step1 Complete Application form (Please see below)

Step2 Payment due at the time of admission

How to apply?

The application form is attached to the prospectus. The prospectus along with the Application form can be downloaded from the AIPH website: www.aiph.ac.in

The completed application form and a passport size photograph and a bank draft of Rs. 350/- for students within India and 50 USD for students outside India in favor of AIPH-CPHI payable at Bhubaneswar should be sent to the following address so as to reach on or before the last date mentioned in the prospectus.

All applicants will receive equal consideration regardless of their social class, race, religion, national origin, gender, political affiliation, age, sexual orientation, and disease or disability status.

Last Date for receiving the completed application form for the academic session 2011 is July 10th

CHECKLIST

1. Completed Application form
2. Affixed photograph
3. Attached Draft of Rs. 350/- for students within India and 50 USD for students outside India in favor of AIPH-CPHI payable at Bhubaneswar

Please send your complete application form to
Academic Coordinator

Center for Public Health Informatics

Plot No: 1037, Shriram Nagar, Samantarapur,
Bhubaneswar - 751002

Tel.: +91-674-6574656, Fax : +91-674-2557656 Email : cphicontact@aiph.ac.in

Website: www.aiph.ac.in



Center for Public Health Informatics

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Post Graduate Diploma in Public Health Informatics

APPLICATION FORM

Paste your photograph

All columns are compulsory, Should be filled in block letters.

1. Name : _____

2. Name of Parent/Guardian/Spouse : _____

3. Date of Birth : ____ / ____ / ____ (DD/MM/YY)

4. Sex : _____

5. Contact Address:

_____ 6. Contact Numbers : _____

7. E-mail : _____

8. Educational Qualification: (In reverse order, with the most recent one first) :

Name of Examination	Name of Institute/Board University	Year of Completion	Percentage of Aggregate Marks	Grade/Division
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9. Employment Details: Name of Organization/Institution
Duration (From-To) Position

Date : ____ / ____ / ____

Place : _____ (Signature of the applicant)