



January 4-7, 2011, The Grand Hyatt Kauai Resort & Spa, Koloa, Kauai, Hawaii.

Track: Information Technology in Healthcare

Minitrack: Cyberinfrastructure for Public Health and Health Services

This minitrack address a range of topics related to cyberinfrastructure and healthcare, including the following:

Infrastructure Requirements and Developments:

- Interoperability Requirements for Achieving Cyberinfrastructure in Public Health and Health Services
- Legacy versus Greenfield Approaches to Achieving Next Generation Health Cyberinfrastructures
- Emerging US Networks (National Health Information Network (NHIN), Public Health Information Network (PHIN), Cancer Research Network (CRN)) and International Networks as models for applications and research cyberinfrastructure
- Global Cyberinfrastructure Needs and Advances to Improve Health Services Conditions in Developing and Developed Regions
- Public Health and Health Services Innovations:
- Use of Cyberinfrastructures to Monitor and Prevent Public Health Outbreaks
- Demonstrations of Health Provider Use of Electronic Systems to Improve Health Service and Clinical Trial Delivery
- Action Research on Cyberinfrastructure systems in the areas of Health Promotion, Cancer Prevention and Treatment, Emergency Response, and Chronic Disease and Disability Management
- Public Health Organizational and Constraints and Innovations in Creating Cyberinfrastructure Systems at the Local Level
- Social Networking Approaches to Achieving Cyberinfrastructure uses in Health Services, Public Health and Research Collaboration
- Users, Stakeholders, and Policy:
- Use of Personal Health Records in Diverse Communities and Public Health Implications
- Cyberinfrastructure Considerations within Vulnerable Populations, including Health Communication Issues and Innovations
- Cyberinfrastructure Use in Health Informatics and Medical Education and Training and Related Innovations in Teaching

- Role of Cyberinfrastructure in Achieving Health Care Reform and Related Global Policy and Scientific Advancements

The minitrack is interested in papers and presentations on these and related issues, including academic, industry, and policy perspectives. Special sessions, tutorials and lectures are also being considered on specific cyberinfrastructure for public health and health services topics.

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