



**2011 Annual HIMSS Conference and Exhibition
Annual Conference Education Programming**

CALL FOR PROPOSALS: TOPIC CATEGORY DEFINITIONS

Guidance Document

Purpose: The purpose of the HIMSS “Call for Proposals: Topic Category Definitions” guidance document is to provide information to those who are anticipating responding to the 2011 Call for Proposals for the Annual HIMSS Conference and Exhibition.

Main Topic Categories: The main topics of focus for education at the HIMSS 2011 Annual Conference and Exhibition, along with the primary content staff liaisons, are defined as follows. To navigate to the content section of the Main Topic Category, hold the CTRL key down and click on the category:

- Ambulatory Information Systems
- ARRA/Meaningful Use
- Business Intelligence
- Clinical Decision Support
- Clinical Informatics
- Electronic Health Record
- Enabling Technologies
- Enterprise Information Systems
- Financial Information Systems
- Health Reform
- Health Information Exchange
- Human-Computer Interface
- Innovative Technologies
- Interactive Health Communications
- Interoperability and Standards
- IT Infrastructure and Architecture
- Leadership and Strategic Planning
- Process Improvement
- Public Health and Population Health
- Public Policy Initiatives
- Privacy and Security
- Quality and Patient Safety
- Workforce Development

Target Audiences: Professionals attending the HIMSS Annual Conference educational offerings include:



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Analysts
Clinical/Biomedical Engineers
Clinicians (including Physicians, Nurses, Pharmacists and others)
Directors and Managers
Executives
Finance Directors and Managers
Information Security Professionals
Information Technology Managers
IT Business Consultant
Management Engineers
Policy Makers
Process Improvement Specialists
Professor/Educator
Project Managers
Public Health Community
Senior IT Executive Leadership
Venture Capitalists

Target Audience Focus: When identifying the appropriate topic category for your proposal, be sure to focus on the target audience suitable for your presentation.

Invitation to Participate: HIMSS is seeking proposals that will specifically address the educational needs of individual stakeholders and stakeholder groups that address healthcare information technology and management systems with practical approaches to today's issues.

Selection Criteria: It is the policy of HIMSS to ensure balance, independence, and objectivity within its educational programs. *Any inclusion of commercial content within your proposal will have a negative effect on your reviewer score and will likely adversely affect the proposal's chances for inclusion in the HIMSS Annual Conference educational programming.*

Ambulatory Information Systems and Community Health Systems: These categories provide the tools and resources needed to lead to the diagnosis, observation, or treatment and rehabilitation of the sectors they serve.

Audiences



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The ideal audience focus within this topic category includes, but is not limited to:

- Agency for Healthcare Research and Quality
- Clinicians
- Clinically-Oriented Technical Professionals
- Community Health Organizations
- Department of Defense
- Executives and Administrators
- Federal, State and Local Community Health Program Directors and Managers
- Government Policy Makers, particularly the Health Resources Services Administration
- IT Professionals
- Management Engineers and Process Improvement Professionals
- Others Interested in Ambulatory Information Systems or Community Health

Systems

- Physician Practices
- Professionals from Healthcare Clinics
- Retail Health Clinics
- Project Managers
- Public Health Professionals
- Retail Health Clinics

Proposal Examples

Proposals entered in this category should focus on topics related to ambulatory information systems including topics such as:

- Business Systems Integration in Community Health Settings
- Business Systems Integration in Physician Practices and Other Ambulatory Settings
- Change Management
- Increase the Quality/Cost-Effectiveness of Patient Care by Removing Barriers to IT
- Privacy and Security of Health Information
- Relating the ambulatory record to the local hospital/healthcare facility
- ROI of EMRs
- The patient/ PHR conundrum (how to use and what should be included)
- Tracking Quality Measures for EMRs



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Use of Personal Health Records
Use of EMR to participate in Clinical Trials
Workflow Analysis and Redesign
Workforce Adoption

Also look at addressing disparities in reimbursement rates between Community Health Centers and other federal funding recipients, particularly with a look at the impact on HIT funding.

ARRA and Meaningful Use: This topic category focuses on all aspects of the American Reinvestment & Recovery Act of 2009 that are relevant to healthcare IT and their regulatory implications, especially those related to Meaningful Use. Sessions covered by this topic will concentrate on achieving widespread adoption and use of EHR technologies within hospitals, physician practices, community health organizations, public health settings, and others, thereby complying with the Presidential initiative that all Americans have care delivered by an electronic thereby making the electronic exchange of health information a reality throughout the United States.

Audiences

Clinicians
Community Health Organizations
Governmental Agencies
Senior Executives/CIOs
Federal, State and Local Community Health Program Directors
and Managers
IT Professionals
Management Engineers and Process Improvement Professionals
Physicians
Project Managers
Public Health Professionals
Public Policy

Proposal Examples:

Advanced health information technology options
Compliance requirements for a variety of settings
Comparative Effectiveness Analysis



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Federal plans and strategies
Financial benefits of electronic health record (EHR) adoption
Financial incentives for the provider
Funding opportunities
Grant opportunities
Regulatory challenges
Meaningful use of EHRs case studies
Opportunities for Rural and Community Health
Opportunities for the Physician Practice
Preparing to adopt an EHR
Privacy and Security Issues
Tracking funding opportunities
Workforce development issues

Business Intelligence: Topics in this category feature enterprise-focused best practices, lessons learned, and other tools and resources that help organizations understand the business aspects across historical, current, or predictive analysis, processing, benchmarking, data mining, or other aspects.

Audiences

The primary audience focus for this topic category includes, but is not limited to, those involved with planning, forecasting, visioning, strategy development and related fields that help the organization predict business decisions.

Proposal Examples

Proposals entered in this should focus on topics such as:

Executive Dashboard Experiences
Strategic Planning for Predictive Outcomes
Datamining
Benchmarking Best Practices and Outcomes
Results of Business Intelligence Theory: What Worked or What Didn't

Clinical Decision Support: This topic category concentrates on those sets of applications that are designed to help healthcare professionals make clinical decisions that will measurably improve outcomes and impact clinical care.



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Audiences

The primary audience focus within the clinical decision support topic category includes, but is not limited to clinicians, clinically-oriented technical professionals in all stakeholder sectors and Government policy makers

Governance and executive management support is critical to the success of creating CDS as a priority and ensuring that clinicians embrace CDS in their day-to-day practice.

Proposal Examples

Proposals entered in this category should focus on topics that directly impact clinical care applications including, but not limited to:

- Case Studies Surrounding Clinical Decision Support
- Chronic Disease Management
- Clinical Applications
- Clinical Champions
- Clinical Engineering Informatics as related to HIT and Management Systems
- Clinical Outcomes/ROI
- Government Policy Makers
- Human/Computer Usability
- Interdisciplinary Care
- Organizational Behavioral/Cultural Changes used to leverage adoption of CDS
- System Optimization
- Technology in Support of Patient Care Handoffs
- Use of CDS with different levels of CIS (paper, digital, hybrid systems)

Clinical Informatics The topic category of clinical informatics is defined as the use of information science, computer science, and clinical science to assist in the management and processing of data, information and knowledge to support the practice and delivery of clinical care.

Audiences

The ideal audience focus for this topic category includes, but is not limited to clinicians and those technical professionals working in the clinician area across the continuum of care.



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Proposal Examples

Clinical/Biomedical Engineering as related to HIT and management Systems
Closed Loop/Medication Management
End-User Adoption & Education
Enterprise Imaging and/or PACS
Evidence Based Practice
Hardware/Device Support
Input Devices
Medical Device and Data Integration
Nursing Informatics
Outcomes Management
Pharmacy Informatics
Placement of Devices in a Clinical Setting
Quality Initiatives
Quality Metrics for the Ambulatory Care Setting
System Optimization
System Design, Selection & Implementation
Workflow Analysis and Redesign

Electronic Health Record: The electronic health record (EHR) topic focuses on the longitudinal electronic record of patient health information generated by one or more encounters in any care delivery setting. Included in this information are patient demographics, progress notes, problems, medications, vital signs, past medical history, immunizations, laboratory data and radiology reports.

Audiences

The ideal audience focus within the electronic health records topic category includes, but is not limited to:

Clinical Research
Clinically-Oriented Technical Professionals
Clinicians
Executives and Administrators
Government Policy Makers
IT Professionals
Management Engineers and Process Improvement Professionals



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Project Managers
Public Health Professionals

Proposal Examples

Proposals entered in this category should focus on topics such as clinical or IT management which define, describe, facilitate or evaluate the electronic health record in any healthcare setting, with additional emphasis on privacy and security and medication management.

Examples include:

- Addressing and Overcoming the Behavioral and Cultural Challenges of Adoption
- Case Studies providing Soft, Stretch, and Hard ROI
- CCHIT
- Challenges and Lessons Learned in the Adoption and Implementation of EHRs
- Defining the Cost-Benefit and ROI from use of EHRs
- Electronic Health Record”, as a subset of the [complete] Electronic Health Record.
- How to deal with eDiscovery
- Incorporation and value derived from widespread use of CPOE, medication reconciliation, other
- Integration of the EHR with other HIT applications
- Leveraging the EHR to benefit from pay for performance incentives
- Leveraging the EHR to meet national patient safety goals
- Opportunities related to the Hybrid Electronic Health Record
- Patient Care Devices
- Process improvement
- Producing Data and Outcome Reports from the EHR
- The Legal Aspects of the Electronic Health Record
- Topics Affecting the Organization across the Continuum of Care
- Usability and Adoption &/or User Experience
- User Centered Design
- What goes into the patient’s PHR (Personal Health Record)
- Workflow Analysis and Redesign



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Enabling Technologies: This topic category focuses on equipment and/or methodology that, used alone or in combination with other technologies, provides the means to increase the performance and capabilities of the user in the healthcare information technology environment.

Audiences

The audience focus for this category should include, but is not limited to:

- Clinical/Biomedical Engineers
- Directors and Managers
- Executives
- Genetic Engineers
- Policy Makers
- Public Health Professionals
- Senior IT Executive Leadership
- Technology Professionals

Proposal Examples

Proposals entered in this category should focus on technology that enables healthcare information and management systems, including, but not limited to:

- Biometrics
- Integrating the Healthcare Enterprise (IHE)
- Point of Care Devices
- Portable Devices
- Remote Home Health Technology
- RFID
- Unified Communication among Voice, Video, or Data
- Utilizing IT to justify Pay for Performance and Pay for Quality programs
- Voice over IP
- Wearable Computers
- Web Services (using the Internet to access services from disparate locations)
- Telehealth/Telemedicine
- Wireless (802.11, Broadband, Cellular, Point to Point)

Enterprise Information Systems: This topic covers systems that solve the challenges and affect change in administrative, clinical, financial, and technical IT foundations that span the continuum of patient care in the enterprise setting.

Audiences



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The audience focus for this category should include, but is not limited to:

- CIOs
- Clinical Informatics Professionals
- Clinical/Biomedical Engineers
- Clinicians
- CMIOs
- CNIOs
- Government Policy Makers
- IT and Management Systems Professionals
- Management Engineers and Process Improvement Professionals
- Pharmacists
- Project Managers

Proposal Examples

Proposals entered in this category should focus on topics such as:

- Ancillary-based System Initiatives
- CCHIT
- Continuity of Care Document Implementations
- Contractual and Legal Issues
- Customer Relationship Management
- Enterprise MPI
- Enterprise Resource Planning
- Green Initiatives
- Health record Banking Models
- Interdisciplinary Care across the Continuum
- Interfaces vs. Integration
- Medicare CARES program and impact on data sharing between federal and non-federal facilities
- Nurse Staffing Alternatives
- Process Analysis and Redesign
- Portals
- Scorecard for Executives
- Sharing of Standardized Summary Data
- Supply Chain Management
- Use of EMR to participate in Clinical Trials
- Workflow & Documentation in the Transfer of Care and



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Other Topics within the Enterprise Setting

Also include topics on the impact of new regulations such as "never events" and "present on admission" on a hospital and how their processes have changed to ensure top quality care and maximum allowable reimbursement.

Financial Information Systems and Medical Banking: The topic offers healthcare providers the tools and resources needed to support financial and administrative transactions, related technologies and emerging trends. Additional focus includes integration and interoperability of financial systems with clinical systems and other e-commerce systems.

Audiences

The ideal audience focus within the financial information systems topic category includes, but is not limited to:

- Banking and Financial Institution Representatives
- Business Office Managers
- CFOs
- Clearinghouse Representatives
- Clinicians in all Provider Settings
- Compliance professionals
- Consultants
- Controllers
- Government Policy Makers
- Hospital Administrators
- Medical Banking specialists
- Medical record coding specialists
- Payers
- Physician Practice Managers
- Senior Healthcare IT Executives
- Software Vendors
- VPs/Directors/Supervisors of Finance, Billing and Revenue Cycle Management

Proposal Examples

Proposals entered in this category should focus on topics related to financial and business administrative transactions and electronic data exchange including:

- Billing Systems
- Business and Administrative Transaction Processing



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Compliance and Regulations, including HIPAA, Sarbanes Oxley, or others
Consumer impact on provider patient relationships
Effective practices in eligibility and prior authorization simplification
Effective provider negotiations with insurance companies
Health Savings Accounts
HIPAA transaction codes sets: 5010
ICD-10 Transition
Leveraging HIT to address patient responsibility and electronic payments
Medical Banking: banking and financial institutions changing role in healthcare
Pricing and quality reporting – transparency
Revenue Cycle Management

Health Reform: This topic category focuses on successful achievement of today's many health reforms, including compliance programs, standards, regulations, reducing the risk of fraud and abuse, or legal requirements. Areas of interest include planning and action steps organizations take to achieve these many reforms. Topics include 5010, ICD10, JCAHO and other compliance and regulatory requirements that healthcare organizations are facing today.

Audiences

The ideal audience focus for regulatory compliance includes the following:

Acute Care Setting
Ancillary-based Setting
Health Information Exchanges
Physician Practices
Others

Proposal Examples

Proposals entered in this category should focus on topics related to regulatory compliance including topics such as:

5010 Transaction Compliance
Change Management
Educational Approaches to Compliance Programs and Regulatory Requirements
Gap Analysis Approaches to Organizational Compliance Plans



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ICD-10: How Organizations are Planning to Achieve Compliance
JCAHO and Steps to Compliance of New or Updated Requirements
Other Provider based compliance programs

Interactive Health Communications: Topics in this category address adult consumers' behaviors, attitudes and the unmet needs of four sectors in the healthcare information technology arena: providers, health plans, life sciences, or the public sector.

Audiences

The ideal audience focus for the healthcare consumerism topic includes, but is not limited to:

- CIOs
- Community Health Organizations
- Consultants
- HIT and Management Systems Professionals
- Military Health System (MHS)
- Nurses
- Office of the National Coordinator
- Payers
- Pharmacists
- Physicians
- Rural Health Providers
- Vendors
- Veterans Health Administration

Proposal Examples

Examples of proposals for this category are focused on consumer directed healthcare that addresses how employers, health plan providers, or patients plan for their healthcare needs using information technology. Topics include:

- Health 2.0
- Containing Healthcare Costs
- Coordination of Electronic Healthcare Records from the Consumer perspective
- Creation and Protection of Personal Health Records
- Home Healthcare
- How consumerism can increase quality and lower the price to the patient
- Identity Management



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Payer-Provider Integration
Personal Health Records (PHR)
Privacy and Security Access to Records
Public and Private partnerships to advance consumer interest in PHRs,
EHRs, etc
Purchasing Care
Utilization Management of Healthcare Finances

Health Information Exchange: Topics in this category provide the industry with a focus on technology, interoperability, standards utilization, harmonization and technology for all aspects of healthcare information exchanges. Other areas to address include governance, funding and business/service models.

Audiences

The audience focus of this topic category includes, but is not limited to:

Business Managers
Clinicians
Community health professionals
Critical Access Hospitals
Executives and Administrators
Government – Federal, state and local representatives Payers
Government agency representatives
IT Professionals
Policy Makers
Providers including integrated delivery systems, hospitals and ambulatory providers
Public Health Professionals
Technology Professionals

Proposal Examples

Examples of proposals submitted to this category include, but are not limited to, topics surrounding healthcare information exchange conducted within and between various settings, including:

Building community wide collaboration within HIE environments
Business and Financial Sustainability
Business Models Creating Sustainable IT Initiatives



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Changing landscape of HIE organizations
Community Institutions and Initiatives that Collaborate
Connecting Rural Health
Creating demand for HIE services and overcoming competition
Data integrity, security and confidentiality within HIE environments
Health Internet
Nationwide Health Information Network (NHIN), perspectives and experiences
Organizational Governance
State Level Initiatives
Technical Strategies and Solutions for Successful Data Exchange

Also look at how Process Interoperability is a key ingredient to Data Interoperability; HIEs and the Intersection of CVE's and the Stakeholder; the Future Hospital Paradigm as a service line model to the stakeholder driven model; how to address HIT change management with a focus on human behavior within an HIE environment.

Human-Computer Interface: Proposal topics in this category will explore usability, human factors engineering, design, ergonomics, input devices, as well as other aspects that either facilitate the adoption of healthcare IT or disrupt it through design.

Audiences

The ideal audience within this category includes clinicians, developers, engineers, innovators, or others with an emphasis on design and usability.

Innovative Technologies: This topic category focuses on new technologies which are currently under development or will be developed over the next five to ten years, and which will substantially alter the healthcare information technology environment.

Audiences

The ideal audience focus within the emerging technologies category includes, but is not limited to:

Clinical/Biomedical Engineers
Clinicians
Directors and Managers
Executives
Government Policy Makers



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Payers
Senior IT Executive Leadership
Technology Professionals

Proposal Examples

Proposals entered in this category should focus on topics such as newly discovered, recently deployed, or innovative, cutting edge technologies that impact healthcare information technology and management systems delivery, including, but not limited to:

- Case Studies Using Advanced Documentation or Medical Device Interface Technology
- Disruptive Technologies
- Genetics
- Interdisciplinary Care
- New Applications and Trends in Clinical Diagnostics, Genomics, or Others
- New Uses of Existing Technology
- Personalized Healthcare
- Robotics
- Web 2.0

Interoperability and Standards: This topic category addresses the means and the ability of health information systems to exchange information within and across organizational boundaries in order to advance the effective delivery of healthcare for individuals and communities. Standards that enable health information exchange and that may be recognized at the national, regional or international levels are also addressed.

Audiences

The ideal audience focus for this category includes, but is not limited to:

- Clinical/Biomedical Engineers
- Clinicians
- Consultants
- Emergency Responders
- Healthcare Provider Organization
- HIE/RHIO
- Information Managers
- IT Professionals
- Policy Makers



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Public Health Professionals
Senior IT Executive Leadership
Standards Developers
Technology Professionals

Proposal Examples

Proposals entered in this category will focus on topics addressing Interoperability, Messaging, Standards and the HIE exchange, including, but not limited to:

AHIC 2.0. Where we are going, new leadership.
CCHIT
Data Management and Analysis
Health Record Banking
HITSP Use Cases. Its accomplishments.
How the Business side of Healthcare IT can help the NHIN development
Integrating the Healthcare Enterprise (IHE)
Interdisciplinary Care/Continuum of Care
Nationwide Health Information Network
Open Source Tools
Outcomes Management
Privacy and Security
Remote Monitoring
Standards Harmonization
Structured Data

Potential proposals may also explore ways of advancing interoperability by connecting patient care devices as well as those proposals that demonstrate the linking of emergency responders and healthcare stakeholders between and across multiple care settings.

Authors may also address how a standards-based, integrated, interoperable healthcare information system can improve the day-to-day care of patients and the payment for that care.



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IT Infrastructure and Architecture: This category focuses on the IT infrastructure and architecture perspective of healthcare information and management systems that applies to the technical aspects of IT.

Audiences

The ideal audience for this topic category includes:

- Clinical/Biomedical Engineers
- Consultants
- Healthcare Provider Organization
- Information Managers
- IT Professionals
- Senior IT Executive Leadership
- Standards Developers
- Technology Professionals

Proposal Examples

Proposals entered in this category will focus on topics such as the technical aspect of IT infrastructure and architecture including, but not limited to:

- CCHIT
- Client Virtualization
- Conversion
- Design
- Device Management
- Health Information Exchange (HIE)
- Image and Document Archiving/Storage
- Implementation Planning
- Maintenance
- Mobile Healthcare
- New Hospital Construction
- Security, including FairWarning products
- Systems Integration
- The Digital Hospital

Also include moment-by-moment monitoring of the IT Network for breaches, reporting procedures and actions to be taken, bearing in mind how this aligns with HIPAA Standards and new IT Legislation Identity Integrity.



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Other considerations would be the integration of the Federal Health Architecture and the non-federal healthcare entity, early adopters and their struggle to weave in enterprise architectures later in the process or after a merger/acquisition with another healthcare system

Interactive Health Communications: Topics in this category address adult consumers' behaviors, attitudes and unmet needs for four sectors in the healthcare information technology arena: providers, health plans, life sciences, or the public sector

Audiences

The ideal audience focus for the healthcare consumerism topic includes, but is not limited to:

- CIOs
- Community Health Organizations
- Consultants
- HIT and Management Systems Professionals
- Military Health System (MHS)
- Nurses
- Office of the National Coordinator
- Payers
- Pharmacists
- Physicians
- Rural Health Providers
- Vendors
- Veterans Health Administration

Proposal Examples

Examples of proposals for this category are focused on consumer directed healthcare that addresses how employers, health plan providers, or patients plan for their healthcare needs using information technology. Topics include:

- Health 2.0
- Containing Healthcare Costs
- Coordination of Electronic Healthcare Records from the Consumer perspective
- Creation and Protection of Personal Health Records
- Home Healthcare
- How consumerism can increase quality and lower the price to the patient
- Identity Management



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Payer-Provider Integration
Personal Health Records (PHR)
Privacy and Security Access to Records
Public and Private partnerships to advance consumer interest in PHRs,
EHRs, etc
Purchasing Care
Utilization Management of Healthcare Finances

Leadership and Strategic Planning: The focus of this category is on the leadership aspects of healthcare information and management systems and the many ways organizations have demonstrated value throughout one's organization.

Audiences

The ideal audience for this topic includes, but is not limited to:

Business Professionals
Clinicians
CMIOs
CNIOs
Government Policy Makers
Senior IT Executive Leadership
Technology Professionals

Proposal Examples

Examples of proposals entered in this category focus on topics such as the role of information systems professionals in defining and executing corporate strategy or formulating unique value propositions of organizations. Specific topics include:

Business and IT Governance
Business Architecture
Communication
Contracting and Vendor Negotiations
Cost Reduction
Ethics
Finance
Funding Initiatives Strategies
Green IT (Environmentally Responsible Approaches to IT)
Human Resource Management



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IT Strategic Planning during challenging times
Organizational Structure
Patient Safety, Quality, and Efficiency
Planning
Portfolio Management Strategies
Program Management Strategies
Project Management
Project Management Office
Project Prioritization
Regulatory and Compliance Topics
Revenue Enhancement
ROI
Social or Political Interactions in Healthcare Settings
User-Centered Approaches to HIT and Management Systems
Vendor Management Strategies
Workflow Communications as Key Drivers of Improved Adoption Rates

Also consider Change Management as it relates to personal and professional applications, the 7 Levels of change, Managing Transitions, the Kotter 8 stem change model and dialogue and the art of thinking together.

Privacy and Security: Topics in this category address the privacy and security of healthcare information technology.

Audiences

The ideal audience for this topic includes:

Administrators
Business Professionals
Clinical/Biomedical Engineers
Clinicians
Consultants
Data Integrity Managers
Executives
Fraud Specialists
Government Policy Makers, such as the Health Information Managers
IT and Management Systems Professionals
Military/DOD Health Systems



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Policy Makers
Risk Managers
Technology and Informatics Professionals

Proposal Examples

Proposals in this category focus on privacy and security topics that emerge from use of technology in the clinical and business work flow. Topics include, but are not limited to:

Balancing Privacy with Public responsibility
e-Discovery
Federal Privacy Legislative Environment
FTC Red Flag Rules
Gramm-Leach-Bliley
HIPAA Privacy
HIPAA Security
Legal-Regulatory Compliance
Medical Identity Theft
PCI Security
Process Risk Management
Sarbanes-Oxley
State Privacy Laws

Privacy Topics

Best Practices and Lessons Learned from Privacy/Security Breaches
Fraud
HIE Data Sharing/Data Use Agreements
Identity Management
Implementing Granular Patient Authorization
Medical Identity Theft
National Privacy Framework (ONC)
Patient Privacy Concerns
Privacy Impact Assessment (PIA)
State Privacy Projects (HISPC, NGA)
The line where privacy ends and public responsibility begins
Update on new IT Legislation and its effect on privacy

Security/Technology Topics



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Audit
Best Practices and Lessons Learned from Privacy/Security Breaches
Biometrics
CMS and Compliance Reviews Long-term: Why remain compliant driven versus Audits (as OIG suggests)
Data Integration – PHR/EHR
Data Integrity
Electronic Signature
Encryption
Incident Response
Medical Device Security
Network Security
Public Key Infrastructure (PKI)
Remote Access
Security for Wireless Networks
Security Governance
Single Sign-On (SSO)
Update on IT Legislation and its effect on security
Vulnerability Assessment
Web Applications Security

Also consider topics finding a middle ground between National Security and prosecutorial requirements (HSPD-21 and DEA requirements) with the reality of healthcare delivery.

Process Improvement: Topics in this category involve addressing the design, installation, and improvement of integrated systems of people, material, facilities, information, equipment, and energy.

Audiences

The audience focus for this category includes, but is not limited to:
Agency for Healthcare Research and Quality
Clinical/Biomedical Engineers
Clinicians
IT Management
Management Engineers



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Military Health System
Outcomes Management
Process Improvement Professionals
Project Managers
Quality Management Professionals
Technology Professionals
Veterans Health Administration

Proposal Examples

Proposals entered in this category include, but are not limited to:

Business Modeling
Business Process Management
Change Management
Electronic Reporting of Quality Metrics for inpatient and for outpatient care
Process Improvement
Productivity Initiatives
Project Management
Quality Initiatives, including Six Sigma or Lean
Workflow, Analysis and Redesign

Also consider topics on the effect of the use of a Workflow Engineer/ Electronic Business Process Re-engineering in driving Quality and Efficiency

Public Health and Population Health: Topics in this category address the impact of healthcare information technology on population health outcomes.

Audiences

The ideal audience for these topic categories includes, but is not limited to:

Epidemiologists
IT professionals
Management Systems professionals
Nurses
Public Health practitioners
Public Health senior executives
Physicians



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Proposal Examples

Proposals entered for these topic categories focus on:

- Bio-Surveillance
- Disease Surveillance and Outbreak Control Systems
- Environmental Health
- Expansion of the Public Health Information Network
- Geographical Information Systems
- Immunization and Response
- Immunization, Birth and Death Registries
- Interoperability
- Public Health Reporting
- Secondary Use of Data
- Tools for Emergency Preparedness and Response

Also consider Topics pertaining to improving and measuring the impact of HIT on the health of a defined population coordination of disparate systems within and across state boundaries to further improve population and public health care delivery

Public Policy Initiatives: This topic category ensures that federal and state officials are equipped with the knowledge they need to implement appropriate policy and work with all interested stakeholders including individual members, corporations, and collaborating organizations to coordinate and advance healthcare IT and management systems through advocacy and public policy initiatives.

Audiences

The audience focus for this topic category includes:

- Administrators
- Business Professionals
- Consultants
- Executives
- Government Policy Makers, such as the Health Information Managers
- IT and Management Systems Professionals
- Military/DOD Health Systems
- Policy Makers
- Technology and Informatics Professionals

Proposal Examples



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Proposals entered in this category focus on topics such as:

- Bio-Surveillance
- CDC Public and Population Health
- Community Health Initiatives
- Financing
- Funding
- Healthcare Reform
- HIT and Underserved Populations
- HIT and its impact on State Medicaid Programs
- Legal and Regulatory Initiatives
- National Health IT Agenda
- Pay-for-Performance and Pay for Quality
- Population Health
- Privacy and security
- State and Federal Government Policy
- Update on new IT Legislation

Quality and Patient Safety: Topics in this category address the application of health information technology toward improving the safety, quality and cost-effectiveness of health and healthcare.

Audiences

The audience focus of this topic category includes, but is not limited to:

- Administrators
- Clinical/Biomedical Engineers
- Clinicians
- Government Policy Makers
- Quality Improvement professionals
- Technology professionals

Proposal Examples

Proposals for this topic category include, but are not limited to:

- Auto-Identification
- Bar Coding and Administration
- Disaster Recovery
- e-Prescribing
- Informatics



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Intersection of Pay for Performance and/or Quality with Patient Safety and Quality Improvement
Lean initiatives
Legal Issues
Patient Safety
Pay-for-performance
Privacy
Quality Improvement Initiatives
Regulatory Issues
Risk Management
Security
Six Sigma Initiatives for process redesign and setting of benchmarks
Programs aimed to meet Joint Commission National Patient Safety Goals
Programs aimed to meet National Quality Forum priorities
Collaborative techniques internally/virtually to achieve change and improve outcomes

Also consider Pay-for-performance topics relations to value-based purchasing, regulatory quality reporting and the role of HIT

Workforce Development: As a result of the American Reinvestment and Recovery Act, this topic category concentrates on the ways to facilitate the increased need for health IT professionals such as displaced IT workers, veterans, clinicians, students, HIM professionals, and others who want to move into a career in healthcare information technology and informatics while also addressing the needs of existing health IT professionals as they mature in their careers.

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