



**2012 Annual HIMSS Annual Conference and Exhibition
Annual Conference Education Programming**

CALL FOR PROPOSALS: TOPIC CATEGORY DEFINITIONS

Guidance Document

Purpose: The purpose of the HIMSS “Call for Proposal: Topic Category Definitions” guidance document is to provide information to those who anticipate responding to the 2012 Call for Proposals for the HIMSS Annual Conference and Exhibition.

Invitation to Participate: HIMSS seeks proposals specifically addressing the educational needs of health IT and management systems stakeholders and stakeholder groups with practical approaches to today’s issues.

Selection Criteria: HIMSS ensures balance, independence, and objectivity within its educational programs. *Any commercial content within a proposal will not be tolerated. If commercial content is included, it will have a negative effect on the reviewer score and will adversely affect the proposal’s chances for inclusion in the HIMSS Annual Conference educational programming.*

Main Topic Categories: The main topics of focus for education at the HIMSS 2012 Annual Conference and Exhibition 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:

- [Accountability for the Provision of Care](#)
- [Ambulatory Information Systems/Medical Home](#)
- [Business Information Systems, Financial Information Systems, and Medical Banking](#)
- [Business and Clinical Analytics](#)
- [Care Coordination](#)
- [Clinical Decision Support, Public Health, and Population Health](#)
- [Clinical Informatics](#)
- [Connecting with Consumers](#)
- [Electronic Health Records](#)
- [Enterprise Information Systems](#)
- [Health Information Exchange](#)
- [Human Systems Integration/Usability](#)
- [IT Interoperability, Standards, Infrastructure, Operations and Architecture](#)
- [Leadership and Strategic Planning](#)
- [Meaningful Use](#)
- [Medical Device Integration](#)
- [Mobile Health](#)
- [Patient-Centered Life Sciences IT Initiatives](#)
- [Patient-Centered Payer IT Initiatives](#)



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[Patient Safety and Quality Outcomes](#)

[Privacy and Security](#)

[Process Improvement, Workflow, Change Management](#)

[Public Policy Initiatives](#)

[Workforce Development, Career Services, and Workforce Diversity](#)

Target Audience Focus: When identifying the appropriate topic category for your proposal, also identify the target audience(s) suitable for your presentation. Identify no more than three target audiences when submitting your proposal.

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

- Chief Executive Officers
- Chief Financial Officers
- Chief Information Officers
- Chief Medical Officers
- Chief Medical Information Officers
- Chief Nursing Officers
- Chief Nursing Information Officers
- Chief Operating Officers
- Clinical Engineers
- Consultants
- Emerging Professionals
- First Time Attendees
- Government and Public Policy Professionals
- Investors
- IT Professionals
- Life Sciences Professionals
- Management Engineers and Process Improvement Engineers
- Medical Banking Professionals and Financial Systems Professionals
- Military Professionals
- Nurses
- Pharmacy Professionals
- Physicians
- Project Managers
- Senior IT Executives



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Payers
Other

Accountability for the Provision of Care: This topic category addresses how to improve care outcomes through the effective identification of accountability among providers. This includes joint responsibility for a population, care coordination, optimization of clinical decision support, cost containment, and accurate measurement of outcomes.

Ambulatory Information Systems and the Patient-Centered Medical Home: These categories provide the tools and resources needed to improve the quality, safety, and cost-effectiveness of patient care in the ambulatory setting.

Business Information Systems, 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 by focusing on the integration and interoperability of financial systems with clinical systems. Focused topics include revenue cycle management, business and administrative transaction processing, compliance and regulatory issues, including HIPAA, Sarbanes Oxley, or others, and the consumer impact on provider patient relationships.

Business and Clinical Analytics: Topics in this category feature provider or payer-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.

Care Coordination: Topics in this category address the communication and IT requirements to ensure successful “handoffs” between care providers and settings resulting in desired patient outcomes.



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Clinical Decision Support, Public Health, and Population Health: Concentrates on those sets of applications designed to help healthcare professionals make clinical decisions that will measurably improve outcomes and impact clinical care and also focus on the impact of health IT on both public and population health.

Clinical Informatics: 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.

Connecting with Consumers: The ways in which health IT professionals are evaluating when, where, why and how to connect electronically with consumers from the perspectives of access, information, operations, legal issues, policy, or technology, in an effort to optimally mitigate risk and costs, or improve health outcomes.

Electronic Health Records: 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.

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.

Health Information Exchange: A focus on all aspects of healthcare information exchanges such as governance, funding, sustainability, sharing of information, risk, quality, and business/service models.

Human Systems Integration/Usability: Topics in this category address focus on the various ways patients and providers interact with one another as aided by the use of the various interactive technologies.

IT Interoperability, Standards, Infrastructure, Operations, and Architecture: Addresses the means and the ability of health IT to exchange information within and across organizational boundaries in order to advance the effective delivery of healthcare for individuals and communities. Standards that enable interoperable exchange of data and that may be recognized at the regional, national, regional or international levels. Highly technical components such as wireless, cloud computing, business continuity, virtualization, and other technologies that establishes, supports, and enables health IT professionals to deliver care effectively, efficiently, seamlessly, and scalable fit well into this category.

Leadership and Strategic Planning: The focus of this category is on the leadership aspects of health IT and management systems and the many ways organizations have demonstrated value



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throughout one's organization by focusing on topics such as the role of information systems professionals in defining and executing corporate strategy or formulating unique value propositions of organizations.

Meaningful Use: Achieving compliance with the CMS EHR Incentive Program, an initiative designed to realize widespread adoption and use of EHR technologies throughout the country.

Medical Device Integration: The purpose of this topic category is to focus on the many aspects of medical device integration for the treatment and monitoring of patients at the bedside and beyond.

Mobile Health: Where personal connected health devices are vital to the care delivered to patients and for patients. Topic focus includes discussion on critical milestones that are needed to take medical device integration from its present use cases, technical specifications, and pilot demonstrations to full national adoption and deployment. With massive amounts of funding becoming available for eHealth solutions, standards bodies, manufacturers, and industry groups are motivated to work together to accelerate convergence of solutions.

Patient-Centered Life Sciences IT Initiatives: This topic category focuses on the numerous transformations occurring in life sciences that translates into higher quality, more readily accessible, and more clinical data for important research purposes such as safety outcomes, and the robust research and analyses of diseases. Life Sciences are shifting from the role of a separate, siloed initiative into a provider partner in care delivery to improve patient outcomes.

Patient-Centered Payer IT Initiatives: The numerous transformations occurring in the payer space that translate into higher quality, more readily accessible, and more clinical data for improving safety outcomes, and greater cost-effectiveness of care provision. From the payer perspective, shifting from the role of "transaction manager" to that of "infomediary" for the purpose of partnering with providers in care delivery to improve patient outcomes.

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

Privacy and Security: Proposals that address the policies, procedures, workflow, and management of secure and private health information.

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



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Public Policy Initiatives: Focus on all aspects of legislation and regulation germane to health IT and its regulatory implications, for both the Federal and State sectors.

Workforce Development, Career Services, and Workforce Diversity: 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.