

2009 Annual HIMSS Conference and Exhibition TOPIC CATEGORIES

The topic categories listed below apply across the various sectors of healthcare services, including, but not limited to:

- Inpatient hospitals and health systems
- Ambulatory care
- Public health
- Government
- Military
- Payors
- Healthcare Consumerism

They also are of interest to the many professionals serving in healthcare delivery, including, but not limited to:

- Executives/Leadership
- Managers
- Analysts
- Clinicians (including physicians, nurses, pharmacists and others)
- Process improvement specialists
- Management Engineers
- Project Managers
- Clinical and biomedical engineers
- Information technology managers
- Policy makers

HIMSS is looking for proposals that will specifically address the educational needs of these professionals in the various sectors of healthcare regarding enterprise solutions and practical approaches to today's healthcare IT issues.

It is the policy of HIMSS to ensure balance, independence, objectivity and scientific rigor within its educational programs. Based on the aforementioned criteria, provided to us by our accrediting organization, any inclusion of commercial content within your proposal will have a negative effect on your reviewer score and potential inclusion in HIMSS Annual Conference educational programming.

As you select the topic category for your proposal, please focus on who the target audience is for your presentation. Proposals with clearly defined target audiences will be given greater consideration over those with ill-defined target audiences.

Ambulatory Information Systems

Audience: Professionals from healthcare clinics, physician offices, community health organizations, retail health, consulting and vendor communities, and the military health system interested in ambulatory information systems.

Proposals: Focus on topics related to ambulatory information systems including presentations on increasing the quality and cost-effectiveness of patient care by removing barriers to IT adoption, workflow, workforce (human adoption) and change management; privacy and security of health information and increasing the use of Personal Health Records, and business systems integration in physician offices and other ambulatory settings.

Business and Financial Management Systems

Audience: Business office managers, physician practice managers, and clinicians in all provider settings, including ambulatory and enterprise as well as clearing houses, payors, software vendors and consultants.

Proposals: Focus on topics around financial and business administrative transactions and electronic data exchange including revenue cycle improvement, business and administrative transaction processing, billing systems, claims attachment, health savings accounts, ICD 10 transition, standard health identification card, national provider identifier, compliance and regulations including HIPAA.

Clinical Decision Support

Audience: Clinicians and clinically oriented technical professionals in all sectors.

Proposals: Focus on topics that directly impact clinical care including case studies, clinician adoption, clinical applications, clinical decision support, interdisciplinary care, evidence-based medicine, clinical and biomedical engineering informatics (and the relationship to IT), user-centered design, chronic disease management, pharmaceutical informatics, human/computer interface, patient care devices, technology in support of patient care handoffs, clinical champions, workflow/process improvement, clinical outcomes/ROI, medication management, and enterprise information systems.

EHRs

Audience: Clinicians, executives and administrators, public health, and clinically oriented technical professionals.

Proposals: Focus on topics such as management (clinical or IT) which define, describe, facilitate or evaluate the electronic health record in any healthcare setting, including privacy and security and medication management. Topics should also include the legal aspects of the EHR, such as eDiscovery, the hybrid EHR and defining a legal medical record, and the impact of such.

Emerging Technologies

Audience: Clinicians, technology professionals, payors, and consultants.

Proposals: Focus on topics such as newly discovered (or recently/soon-to-be-deployed) innovative, cutting edge technologies that impact healthcare management and delivery, including interdisciplinary care; new uses of existing technology, new applications and trends in clinical diagnostics/genomics/other, and Internet 2.0. Also explore case studies using advanced documentation or medical device interface technologies including point of care devices and robotics.

Enabling Technology

Audience: Technology professionals, clinicians, public health professionals, clinical and biomedical/genetic engineers, and policy makers.

Proposals: Focus on technology that enables healthcare information systems. These technology topics include wireless (802.11, wideband, cellular, point to point), Integrating the Healthcare Enterprise (IHE), web services (using Internet to access services from disparate location), Telehealth/Telemedicine, portable devices and wearable computers. Include topics on voice-over wireless, RFID, point of care devices and unified communication (voice, video, data) biogenetic technologies.

Enterprise Information Systems:

Audience: CIOs, CMIOs, CNIOs, IT professionals, clinical informatics professionals, pharmacists, clinical and biomedical engineers, project managers, and management engineering/process improvement professionals.

Proposals: Focus on topics such as the Continuity of Care Document implementations; interdisciplinary care, RHIO and HIE initiatives using standardized encounter summary data, and the sharing of standardized summary data with consumers in the form of personal health records.

Topics include:

Enterprise Resource Planning/Customer Relationship Management

Supply Chain Management: the critical role performed by the supply chain, satisfying needs from a variety of perspectives across the enterprise, including (but not limited to) administrative, clinical, technical, financial and others.

CPOE: the life cycle challenges of implementing this technology, being sure to focus on the impact to stakeholders across the enterprise.

Medication Reconciliation: discuss the successes with implementation of this process and the positive effects on patient care, quality, and safety.

Enterprise MPI: the importance of ensuring that the right patient is identified correctly the first time.

Interoperability, Standards and Health Information Exchange

Audience: Technology professionals, clinicians, public health professionals, clinical and biomedical engineers, policy makers, information managers, emergency responders (hospital and healthcare communities represented in the current healthcare IT system as well as EMS, 9-1-1, emergency management, public health, and victim services) and information managers.

Proposals: Focus on topics addressing interoperability, standards and data exchange, including: data management and analysis, standards harmonization, Integrating the Healthcare Enterprise (IHE), interdisciplinary care, privacy and security, and advancing interoperability between patient care devices as well as between emergency responders and healthcare stakeholders between and across enterprise, ambulatory and HIE/RHIO settings. Also explore how a standards-based, integrated, interoperable patient information system can improve the day-to-day care of patients and the payment for that care.

IT Infrastructure and Architecture

Audience: Technology and clinical informatics professionals.

Proposals: Focus on topics such as the technical aspect of IT infrastructure and architecture including design, implementation planning, maintenance, conversion, security, and systems integration of ambulatory and enterprise information systems, client virtualization and device management, new hospital construction, and digital hospitals.

Leadership and Strategic Planning

Audience: Clinicians, CIOs, CMIOs, CNIOs, business and technology professionals, and consultants in strategic and management roles.

Proposals: Focus on topics such as the role of information systems professionals in defining and executing corporate strategy and formulating unique value propositions of organizations. Topics include user-centered approaches, with workflow and communications as key drivers of improved adoption rates and the social and political interactions in healthcare settings. Topics also include: planning, finance, project management, revenue enhancement, patient safety, quality and efficiency, cost reduction, ROI, business architecture, project prioritization, business and IT governance, organizational structure, change management, communication, human resource management, and ethics. Include topics on Green IT (environmentally responsible approaches to HIT), legal aspects of the enterprise (contracting, vendor negotiations), vendor management strategies, funding initiatives strategies, program management strategies, and portfolio management strategies (managing the vast workload of CIO's), and lessons learned on the compliance and regulatory front

Population Health and Public Health

Audience: Epidemiologists and other public health practitioners including physicians, nurses, and IT professionals.

Proposals: Focus on topics such as disease surveillance and outbreak control systems, tools for emergency preparedness such as bioterrorism response, biosurveillance, geographical information systems, immunization, birth and death registries, environmental health, secondary use of data, interoperability, and other topics pertaining to improving the health of a defined population.

Privacy and Security

Audience: Technology and Informatics professionals, IT management, executives and administrators, business professionals, risk managers, clinical and biomedical engineers, clinicians, policy makers, consultants, DoD/Military health, and Health Information Managers.

Proposals: Focus on privacy and security topics that emerge from use of technology in the clinical and business work flow. Topics include:

Legal-Regulatory Compliance: HIPAA Privacy, HIPAA Security, Sarbanes-Oxley, Gramm-Leach-Bliley, PCI Security, Federal Privacy Legislative Environment, State Privacy Laws, e-Discovery.

Privacy: Patient privacy concerns, National Privacy Framework (ONC), State privacy projects (HISPC, NGA), Identity Management, HIE data sharing/Data Use Agreements, implementing granular patient authorization, and Privacy Impact Assessment (PIA)

Security/Technology: Audit, Data Integrity, security for wireless networks, Single Sign-On (SSO), Public Key Infrastructure (PKI), biometrics, encryption, medical device security, vulnerability assessment, network security, web applications security, and Electronic Signature.

Process Improvement

Audience: Clinicians, management engineers, IT management, clinical and biomedical engineers, technology professionals, process improvement professionals, and quality management professionals.

Proposals: Focus on topics such as workflow, process improvement, productivity initiatives, project management, business modeling, and quality initiatives, including Six Sigma, Lean, and business process management.

Public Policy Initiatives

Audience: Policy makers and those who are influenced by, or wish to influence or understand, public policy, payors, public health, and national strategies.

Proposals: Focus on topics such as HIEs, RHIOs, NHIN, CCD, state and federal government policy proposals, funding, legal and regulatory initiatives, financing, community health initiatives, population health, bio-surveillance, pay-for-performance, and privacy and security

Quality, Patient Safety and Risk Management

Audience: Clinicians, administrators, clinical and biomedical engineers, technology, and quality management professionals.

Proposals: Focus on topics such as patient safety, privacy, security, clinical informatics, legal issues, regulatory issues, risk management, quality initiatives, e-prescribing and disaster recovery.

RHIO/HIE/NHIN

Audience: Clinicians, business managers, executives and administrators, policy makers, public health professionals, critical access hospitals, payors, and technically oriented professionals.

Proposals: Focus on topics surrounding healthcare information exchange conducted within and between various settings, including: RHIOs, state level initiatives, connecting rural health, community institutions and initiatives collaborating independent health systems at the national level, including the Nationwide Health Information Network (NHIN). Topics of interest include business and financial sustainability, organizational governance, business models, creating sustainable IT initiatives and business services, technical strategies and solutions for successful data exchange among disparate stakeholders and across wide geographic areas.

Healthcare Consumerism

Audience: CIOs, payors, physicians, nurses, pharmacists and HIT professionals, community health organizations, consultants and vendors, rural providers, and the Military Health System (MHS).

Proposals: Focus on consumer directed healthcare addressing how employers, health plan providers and patients plan for their healthcare needs using information technology. Topics include the use of information technology to assist consumers with the selection of healthcare and planning for their healthcare needs, including Personal Health Records (PHR) purchasing care, containing healthcare costs, utilization management of healthcare dollars and costs, Payor-Provider Integration, home healthcare, home-based care, the creation and protection of personal health records, identity management, privacy and security, access to records, coordination of EHR, including developing and maintaining records by consumers.