The Massachusetts Health Data Consortium is a non-profit organization, created in 1978, that serves as a trusted, neutral convener of the Massachusetts healthcare community to promote the appropriate use of health information technology, health information exchange, and health data and analytics to improve the quality and efficiency of health and healthcare. We also serve the community as a source of peer-based education, as an incubator of social capital, as a resource to other e-health organizations and projects in Massachusetts, and as an aggregator and seller of healthcare data.

The last few years have been dynamic and challenging for the Consortium and our members. Because of a confluence of federal and state initiatives, 2009 and then 2010 were the most consequential years ever for the field of health information technology. During 2011, the implementation of ICD-10 and 5010 became more urgent, and the growth of the accountable care and payment reform movements accelerated faster than most people expected.

As we look ahead to 2012, there is no doubt that these issues and trends will continue as healthcare organizations struggle to keep up with mandates and developments related to electronic health record adoption, health information exchange usage, healthcare reform, payment reform, and conversion to ICD-10. In 2012 it will be more important than ever for the Massachusetts healthcare community to continue its long tradition of working collaboratively to understand and shape developments relating to emerging e-health technologies.

This Year in Review 2011 highlights the astonishing array of activities and services that the Consortium provides for its membership and for the larger Massachusetts healthcare community.

- We continued our tradition of hosting numerous major conferences and in-depth workshops, all of which feature nationally prominent speakers addressing timely and topical subjects.
- MHDC’s expertise as a conference organizer was recognized by Governor Patrick, as we were chosen by the Massachusetts e-Health Institute to plan and manage the first two Governor’s Conferences on HIT. We look forward to another Governor’s Conference on HIT in the fall of 2012.
- We continued to host several vibrant, ongoing discussion Forums that bring together different groups of professionals from across the healthcare system to engage in knowledge exchange, peer-based learning, and relationship development around some of the most complex challenges facing our healthcare system, and we are creating new Forums to meet our members’ needs.
- The Consortium convened, facilitated, or contributed to several multi-stakeholder collaborations in the important areas of administrative simplification, care transitions, ICD-10, health information exchange, and others.
- The Consortium continued its longstanding role as a data service provider to Massachusetts healthcare organizations, and we are taking a leadership position to advance the creation and effective use of an all-payer claims database in Massachusetts.
- We have also taken a leadership role in promoting accountable care and payment reform, and working to ensure that healthcare organizations make the transition from fee-for-service to global payments successfully.

MHDC is able to perform such an impressive range of services in the public interest only because of the support and participation of our members. We are grateful to our current members for their support of the Consortium. If you are not currently a member, please see page 14 and www.mahealthdata.org for membership information.

As predicted, 2011 was a watershed year for our healthcare system and for health information technology, and 2012 promises to be even more eventful. We look forward to working with you and your colleagues during the coming year to improve the quality and efficiency of healthcare for the people of Massachusetts.

Ray Campbell
CEO & Executive Director

David Szabo
Chairman of the Board
Payment Reform:
Massachusetts led the effort to enact universal healthcare coverage, and will be the leader to adopt payment reform and accountable care. The Consortium has a key role to play in convening the healthcare organizations in the state to share lessons learned and best practices, and ensure that our members make the shift from fee-for-service to value-based purchasing successfully.

Health Information Exchange:
The Commonwealth has developed a new HIE strategy, and the Consortium is playing a critical role in working with the Executive Office of Health and Human Services, the Massachusetts e-Health Institute, NEHEN, and much of our membership to implement this strategy effectively.

Governor’s Conference:
In the next section you will learn about the conferences that we held in 2011, including the second Governor’s Conference, which attracted several hundred people and was a huge success. We hope to see you at this year’s Governor’s Conference on Health IT in September (location and date to be announced).
Conferences and Workshops

February 2011 Healthcare Information Technology Conference: The Tools for Meaningful and Accountable Care

Achieving meaningful use and establishing accountable care organizations will be two of the most important challenges to the healthcare system in 2011. What are the tools that clinicians and healthcare organizations will need to meet these challenges? The Consortium's HIT '11 conference addressed this question. We explored the application of clinical decision support technology, the services of the Regional Extension Center, the evidence provided by comparative effectiveness research, and the technology solutions offered by some of our leading members for health IT and health information exchange. Our keynote speaker, Dr. Craig Samitt of Dean Healthcare in Wisconsin, gave us insight into the operations and lessons learned from an actual accountable care organization. In addition, we began the day with Breakfast Briefings from Arcadia Solutions and Platform Solutions, and our luncheon featured the presentation of our annual Investing in Information Awards.

Clinical Decision Support: Technology at the Point of Care
Moderator: Karen Boudreau, MD, Senior Vice President, Institute for Healthcare Improvement; Marylou Buyse, MD, Chief Medical Officer, Scott and White Health Plan; Michael Lee, MD, Director of Clinical Informatics, Atrius Health; Daniel Nigrin, MD, Senior Vice President and CIO, Children's Hospital

The Regional Extension Center: Support for Physician Offices
Moderator: Carol Rodenstein, Program Director, Massachusetts e-Health Institute; Micky Tripathi, Ph.D, President & CEO, Massachusetts eHealth Collaborative; Andrew Principe, Director of Healthcare Solutions, Arcadia Solutions

A View from the Other Side of the Chasm: Leveraging the Strengths of an Accountable Care Organization to Deliver Healthcare Value
Moderator: Craig Schneider, Ph.D, Director of Healthcare Policy, Massachusetts Health Data Consortium; Craig E. Samitt, MD, CEO, Dean Healthcare

Comparative Effectiveness Research: The Evidence for Medical Excellence
Moderator: Stancel Riley, MD, Executive Director, Massachusetts Board of Registration in Medicine; Michael A. Fischer, MD, Assistant Professor of Medicine, Harvard Medical School; Harold C. Sox, MD, MACP, Professor, The Dartmouth Institute; Co-Chair, IoM Committee on Comparative Effectiveness Research Priorities

The Technology to Power EHRs and HIEs
Moderator: Chris Gabrieli, Chairman of the Board, Massachusetts Health Data Consortium; Greg DeBor, Managing Partner, CSC; Tony DeFrancesco, Business Development Manager for Healthcare, Cisco Systems; Paul Grabscheid, Director of Strategic Planning, InterSystems; Joel Vengco, GM, eHealth Solutions Global Product Strategy, GE Healthcare; John Kelly, CIO, NaviNet

Governor's Conference 2011
Health Information Technology: Improving Healthcare and the Economy
A Regional Conference Hosted by The Honorable Deval L. Patrick

In April 2010 Governor Patrick hosted an enormously successful conference to highlight the importance of health information technology to quality of care and job creation. As a follow up to that event, Governor Patrick hosted a two-day event, in 2011, designed for northeastern states to address implementation of the HITECH Act. On the first day the program featured several prominent keynote speakers and a panel of key stakeholders. On the second day the educational content was a series of workshops that emphasized facilitated and interactive discussion. The target audience for this conference was hospitals, physician offices, other providers, health plans, government agencies, vendors, researchers, and non-profit organizations involved with healthcare.

Welcome Address: JudyAnn Bigby, MD, Secretary, Massachusetts Executive Office of Health and Human Services

Keynote Address: How Health IT Can Improve Healthcare Quality
David Blumenthal, MD, Samuel O. Thier Professor of Medicine; Professor of Health Policy, Harvard Medical School

Keynote Address: Massachusetts as a Leader of Health Information Technology
Deval L. Patrick, Governor, Commonwealth of Massachusetts

Keynote Address: The Role of Medicare and Medicaid in Innovation and Reform
Sachin Jain, MD, MBA, Senior Advisor to the Administrator, Centers for Medicare and Medicaid Services

Panel: The Impact of Health IT on Clinicians, Patients, and the Economy
Moderator: John Halamka, MD, CIO, CareGroup and Harvard Medical School; Alice Coombs, MD, President, Massachusetts Medical Society; Karen Bell, MD, MMS, Chair, Certification Commission for Health Information Technology; Lynn Nicholas, President, Massachusetts Hospital Association; Charlotte Yeh, MD, Chief Medical Officer, AARP Services

Governor Deval L. Patrick; Sachin Jain, MD
Workshops Round 1&2:
Inter-State Health Information Exchange: Richard Shoup, Ph.D, Director, MA e-Health Institute; Uses of Secondary Data: Josephine Porter, Deputy Director, NH Institute for Health Policy and Practice; Workforce Development: Ray Campbell, CEO & Executive Director, MA Health Data Consortium; Payment Reform: Sarah Iselin, Executive Director, Blue Cross and Blue Shield Foundation of MA

Workshops Round 3&4:
Patient Consent: Michael Lee, MD, Director of Clinical Informatics, Atrius Health; All-Payer Claims Databases: John Freedman, MD, Principal, Freedman Healthcare; Linda Green, VP and Director of Programs, Freedman Healthcare; Telemedicine: Joseph Kvedar, MD, Director, Center for Connected Health, Partners HealthCare System; Regional Extension Centers: Fadesola Adetosoye, Project Officer, Office of the National Coordinator for Health IT, US DHHS; James Daniel, Public Health Coordinator, Office of the National Coordinator for Health IT, US DHHS

Analytics Data and Accountability
As the healthcare system moves towards accountable care and away from fee-for-service payments, data and analytics will become increasingly critical to the success of healthcare organizations. How can analytic tools help improve quality of care? What models are payers and providers in Massachusetts and other parts of the country using to transform care delivery? What data resources are available to clinicians, managers, policy makers, and researchers? What lessons can we learn from pharmaceutical company data analytics? What role will the Massachusetts Health Data Consortium play to help the Massachusetts healthcare community achieve success?

Keynote Address: The Importance of Analytics to Healthcare Improvement
Allan H. Goroll, MD, Professor of Medicine, Harvard Medical School

Incentives for Quality Improvement - The Alternative Quality Contract
Dana Gelb Safran, Senior Vice President for Performance Measurement and Improvement, Blue Cross and Blue Shield of Massachusetts

Medicare Data Analytics
David Goodman, MD MS, Professor of Pediatrics and of Health Policy, The Dartmouth Institute

The Potential of the Massachusetts All-Payer Claims Database
Seena Perumal Carrington, Acting Commissioner, Division of Health Care Finance and Policy

The Data Needs of an Accountable Care Organization
John Donlan, COO, Steward Network Services and VP of Managed Care, Steward Health Care System

Findings from the Prometheus Pilots
Francois deBrantes, CEO, Health Care Incentives Improvement Institute

Analytics from Prescription Medications
Brian Sweet, RPh, MBA, Executive Director of Development, AstraZeneca; Kim Heithoff, Sc.D, Outcomes Research Scientist, Merck

Discussion: The Challenges for the Payment Reform Collaborative
Ray Campbell, CEO & Executive Director, Massachusetts Health Data Consortium
HealthMart'11 Conference and Trade Show: How to Receive Your Meaningful Use Payments

This event was designed to bring together physicians, practice administrators, office managers, and other healthcare professionals with electronic health record, ICD-10 implementation experts, and other healthcare product vendors. This was a great opportunity for organizations to hear the best strategies for achieving “meaningful use” and qualifying for additional payments.

Massachusetts EHR Deployment, HIE, and Workforce Development Initiatives
Richard Shoup, PhD, Massachusetts e-Health Institute

Charting a Course to Meaningful Use
Brian Zeno, Family Health/Platform Solutions

Telespresence: Enhancing Communication in Healthcare
Dennis Colamarino, Vu Telepresence

Lessons Learned from Hospital Implementations
John Halamka, MD, CareGroup Healthcare System; William Young, Berkshire Health Systems

Shaping a World of Health Without Boundaries
Tony DeFrancesco, Cisco Systems

ICD-10 Implementation Strategies
Cedrial Moore, Dell Services

Getting the Most From Your EHR Meaningful Use Reporting Toolkit
Martin O’Malley, Greenway Medical; Justin Barnes, HIMSS EHR Association

Lessons Learned from Physician Office Implementations
Gail Sillman, Central Massachusetts IPA; Denise Scott, MM, RN-BC, Central Massachusetts IPA; Trish Manning, Mt. Auburn Cambridge IPA

The Broken Watch Theory of Interoperability: Putting the Pieces Together
M. Turner Billingsley, MD, InterSystems Corporation; Dominick Bizzarro, InterSystems Corporation

EHR Meaningful Use Guide
Adam Provost, Complete Healthcare Solutions

Care Coordination between Physician Practices, Emergency Care and the Hospital
Robert Sidman, MD, MEDITECH

Lessons Learned from Efforts in Other States
Micky Tripathi, PhD, Massachusetts eHealth Collaborative

Meaningful Use From The Field: A Practical Guide For Your MU Program
Joseph DeLuca, Fulcrum Methods /MaineHealth Meaningful Use Program Managers

Managing the ICD-10 Transition: Lessons Learned
Jeff Schwartz, Avior Computing; Ted Marsh, Blue Cross Blue Shield of MA

Healthcare Performance Management - Key to Enabling Accountable Care
Alan Eisman, Information Builders

The Patient Experience of Care with Electronic Health Record Systems
Nakhle Tarazi, MD, Elliot M. Stone Intern; Steward Health Care

Data Speaks....Are You Listening? Quality Improvement From the Field
Donna Curran, Masspro

The Meaningful Use Attestation Registration Process
Andy Finnegan, Centers for Medicare and Medicaid Services
December Workshop 2011: Payment Reform: Innovation for the Nation

Massachusetts is expected to be the first state in the nation to address the challenge of transforming healthcare from a fee-for-service to a value-based approach. The Massachusetts Health Data Consortium’s fall workshop, Payment Reform: Innovation for the Nation, featured four keynote presentations and four workshops that were designed to help the community understand and make a successful transition to global payments. This was one of our most exciting workshops of the year, and attracted providers, health plans, government agencies and policy makers, employers, researchers, vendors, and all others interested in the topic of payment reform.

**Payment Reform Pilot Projects and Initiatives in the US**

**Meredith Rosenthal, Ph.D**, Associate Professor of Health Economics and Policy, Harvard School of Public Health

**The Experience of a Physician Practice as an Accountable Care Organization**

**Gene Lindsey, MD**, CEO, Atrius Health

**The Experience of an Integrated Delivery System as an Accountable Care Organization**

**Bruce Hamory, MD**, FACP, Executive Vice President and Managing Partner, Geisinger Consulting Services

**Envisioning a New Payment System**

**Amy Whitcomb Slemmer, Esq.**, Executive Director, Health Care For All

**Interactive Workshops:**

**Living in Both a Fee-for-Service and a Value-Based Purchasing World**

**Barbara Spivak, MD**, President, Mt. Auburn Cambridge IPA

**Consumer Education and Transparency**

**Craig Schneider, Ph.D.**, Director of Healthcare Policy, Massachusetts Health Data Consortium

**Uses and Visual Presentation of Data Analytics**

**Katherine Rowell**, Principal and Founder, Katherine S. Rowell and Associates

**Establishing a Continuum of Care**

**Madeleine Biondolillo, MD**, Director Bureau of Healthcare Safety and Quality, Department of Public Health
Behavioral Health Forum
Health information exchange and health information technology are transforming the health care system, but these new ways of transmitting information pose a unique challenge for behavioral health professionals. The privacy and security of behavioral health patients, including standards around release and consent of sensitive information, need to be given extra precautions. The Behavioral Health Forum convenes stakeholders and experts across the profession to exchange common practices and strategies for coping with the new standards in healthcare technology.
Co-Chairs: Ray Campbell, Massachusetts Health Data Consortium; Manu Tandon, EOHHS

Care Transitions Forum
The healthcare system often places providers in silos — hospitals, physician offices, nursing homes, etc. However, patients move across the continuum of care. This Forum communicates the progress of multiple demonstration projects across Massachusetts to improve care transitions, and facilitates coordination among the providers and other stakeholders involved in these projects. The Care Transitions Forum has been enormously successful, with almost 250 people on the distribution list representing about 150 organizations. This group is arguably more representative of the entire healthcare system than any other. We held the Massachusetts Care Transitions Seminar in 2008, the Care Transitions Forum reports to the Quality and Safety Committee of the Health Care Quality and Cost Council, and the Forum was instrumental in developing the Care Transitions Strategic Plan and in implementing its recommendations, which ultimately led to the IMPACT project.
Co-Chairs: Madeleine Biondolillo, MD, Massachusetts Department of Public Health; Paula Griswold, Massachusetts Coalition for the Prevention of Medical Errors; Craig Schneider, Massachusetts Health Data Consortium

CIO Forum
CIOs and other thought leaders from the major health plans, purchasers, and provider systems in Massachusetts gather every other month to address the key health information issues affecting the state. The CIO Forum often serves as the incubator for major health information technology initiatives in the Commonwealth. During 2011 the CIO Forum continued to focus upon the HITECH Act provisions and their effect upon providers and health plans. The CIO Retreat held at the Sheraton Norwood in May attracted about 50 CIOs to discuss issues such as the Medicaid health information exchange strategy, meaningful use implementation, the all-payer claims database, health insurance exchange, and payment reform.
Co-chairs: John Halamka, MD, CareGroup and Harvard Medical School; Bill Fandrich, Blue Cross and Blue Shield of Massachusetts

Data and Analytics Forum
The Data and Analytics Forum will bring together experts throughout the healthcare system to share lessons learned and best practices for using data and sophisticated analytical tools to improve the quality and efficiency of healthcare. With the movement toward accountable care, the need for health data and analytics is expected to be greater than ever.
Chair: Ray Campbell, Massachusetts Health Data Consortium

EHR Forum
This Forum involves physician practices that are installing electronic health record systems. The Forum serves as a support group, as well as a source of practical advice, lessons learned, best practices, and collaborative solutions. Issues that were discussed this year include: meeting the meaningful use criteria, the services of the Regional Extension Center, cyber liability coverage, risk assessment for meaningful use, the state’s health information exchange strategy, and sharing of meaningful use project management tools.
Co-chairs: Jeremy Davis, Mount Auburn Cambridge I.P.A.; Craig Schneider, Massachusetts Health Data Consortium

ICD-10 Forum
The Consortium established the ICD-10 Forum in early 2010 because of the importance of the implementation of a new and greatly expanded set of diagnostic codes. ICD-10 and 5010 will affect both IT and all the financial systems in healthcare, and many of the clinical practices as well. This forum is expected to spend the next several years assisting healthcare organizations with ICD-10 and 5010 implementation issues.
Chair: Michele Alexanian, Massachusetts Health Data Consortium
mHealth Forum
The mobile health (mHealth) Forum was established in late 2010. Our kick-off event was sold out two weeks in advance, and featured presentations on cutting edge application that use mobile technology to improve healthcare delivery. We will continue to hold mHealth Forum programs throughout 2012.
Chair: Ray Campbell, Massachusetts Health Data Consortium

Payment Reform Forum
Payment Reform means a chance to align incentives between payers and providers across the continuum of care to help properly coordinate care and reduce waste and duplication of services in the system. We are committed to working with the healthcare community to foster cooperation and improve quality and efficiency in healthcare. Our new Payment Reform Forum, will assemble stakeholders and bring diverse areas of expertise to the conversation. This Forum is part of our continuing efforts to help Massachusetts make a smooth, but significant transition from fee-for-service value-based payments.
Co-Chairs: Ray Campbell, Massachusetts Health Data Consortium; Craig Schneider, Massachusetts Health Data Consortium

Privacy and Security Forum
Technology is accelerating at a faster pace than ever before. As modern industry clambers to keep up-to-date with all the newest innovations in social media, software engineering, and open-source development, our devices have become more vulnerable to the possibility of expensive and catastrophic data breaches. The Privacy and Security Forum will convene privacy officers, security officers, CIOs, and other experts in the field to share mitigation techniques, best practices, and lessons learned from their own experiences with state and federal healthcare security regulations, and strategies to defend your systems against attacks.
Chair: Ray Campbell, Massachusetts Health Data Consortium

Contracts, Projects, and State and National Leadership

Massachusetts eHealth Collaborative Board of Directors
Executive Director Ray Campbell was elected Chairman of the Board by the 34 member organizations of the Massachusetts eHealth Collaborative (MAeHC), a multi-stakeholder non-profit organization that has become a local and national leader in the fields of electronic health records implementation, health information exchange design and implementation, quality data analysis and reporting, state-level e-health planning, and regional extension center operations. Ray has served on the Board of Directors and Executive Committee of MAeHC since 2006.

HIE Challenge Grant: Improving Massachusetts Post-Acute Care Transitions (IMPACT)
The IMPACT project is an Office of the National Coordinator for Health Information Technology (ONC) funded grant that the Consortium has been working on in collaboration with the Massachusetts eHealth Institute (MeHI). IMPACT aims to improve long-term and post-acute care transitions by developing an enhanced, electronic Universal Transfer Form (UTF) and electronic health information exchange. The plan proposes to connect all of Massachusetts’ health care providers, regardless of electronic health record capability, with tools to view, edit, and translate the UTF. IMPACT has also proposed a patient-friendly consumer translator tool for increased patient understanding during the care transitions process. Eleven pilot sites in Worcester country are currently testing phase 1 of the grant and the IMPACT project has been included in the state’s 2012 HIE project plan.

Administrative Simplification Workgroup
Four multi-stakeholder organizations — the Employers Action Coalition on Healthcare, the Massachusetts Hospital Association, the Massachusetts Medical Society, and the Massachusetts Association of Health Plans — have formed an Administrative Simplification Workgroup to identify major healthcare administrative complexities that create unnecessary costs for providers, payers, and employers, and to propose collaborative methods for achieving meaningful administrative simplifications that can reduce these costs. Recognizing that the effectiveness of this initiative depends on broad-based participation from parties involved in all aspects of the healthcare supply chain, the Workgroup includes representatives from leading physician, group practice, hospital, health plan, government, and employer organizations. Because of the multi-stakeholder nature of this initiative, the Workgroup participants find it useful to have a neutral organization helping to facilitate the Workgroup’s meetings. Having performed a similar function for similar parties in 2007-2008 in connection with the state’s uniform claims coding initiative, the Consortium is now convening regular meetings of the Administrative Simplification Workgroup as it assists community efforts to find collaborative ways to reduce needless variation and complexity in healthcare business processes.
NAHDO
MHDC was a charter member of the National Association of Health Data Organizations. Craig Schneider is on the NAHDO Board of Directors, and serves as Program Committee chair for the annual national NAHDO conference. NAHDO awards the Elliot M. Stone Award of Excellence in Health Data Leadership, and we serve on the review committee for this award. In 2011 the recipient was Marjorie S. Greenberg, Chief of the Classifications and Public Health Data Standards Staff at the National Center for Health Statistics in the Centers for Disease Control and Prevention. Ray Campbell presented the award to Ms. Greenberg.

MOLST
This is a multi-stakeholder end-of-life quality improvement project. The Consortium is working with numerous government agencies and provider organizations to implement MOLST (Medical Orders for Life-Sustaining Treatment), a comprehensive advanced directive tool that will be in the form of a medical order. This project received a grant from Commonwealth Medicine to launch a pilot in the Worcester area. The pilot project has concluded, and Craig Schneider serves on the Steering Committee for the MOLST demonstration as we work to implement MOLST throughout Massachusetts.

HIMSS, World Congress, NAHDO, and Other Presentations
Craig Schneider will present at the national HIMSS conference in Las Vegas in February 2012 on the IMPACT project, in conjunction with Dr. Larry Garber of Reliant Medical Group and SAFEHealth. He gave a presentation on meaningful use to the Healthcare Payment Solutions Summit in Orlando. Craig developed and moderated a panel on accountability at the National Association of Health Data Organizations conference in Alexandria, Virginia. He gave a presentation to the Case Management Society of New England on care transitions, and served on the patient-centered care reactor panel during the Massachusetts Gerontology Association conference. Craig also spoke about the Massachusetts health insurance exchange experience to the Healthcare Exchanges Forum in Chicago, and has been invited to speak on this subject in January in Las Vegas at the Health Insurance Exchange Summit. In addition, he was a guest lecturer at the Heller School at Brandeis on using health data for quality and performance measurement.

Statewide Uniform Coding Advisory Committee
As a result of work facilitated by the Consortium in 2007 and 2008, the Massachusetts hospital and health plan communities were able to reach consensus on a timetable for eliminating local variations in healthcare claims coding practices, a move that will save significant administrative time and cost for provider organizations. This agreement was subsequently enshrined in statute, in Chapter 305 of the Acts of 2008, which also created a Statewide Uniform Coding Advisory Committee within the Department of Insurance, of which the Consortium is a statutory member. The Statewide Advisory Committee continued its work in 2011 to implement the timetable and to otherwise promote uniform coding.

Advanced Cyber Security Center
Executive Director Ray Campbell now serves on the Advisory Board for the Massachusetts Advanced Cyber Security Center (ACSC). The goal for the ACSC is to draw on this state’s strength in both information security technologies and in many of the industries that are most threatened by cyber attacks, including defense, health care, energy and financial services, to position Massachusetts as a national and international leader in this increasingly important domain.

STAAR Steering Committee
Craig Schneider serves as a member of the STAAR (State Action on Avoiding Rehospitalizations) Steering Committee. This project is funded by the Robert Wood Johnson Foundation and led by the Institute for Healthcare Improvement, and has grown from 20 to about 50 hospitals in the state. The hospitals are forming cross-continuum teams to reduce avoidable hospital readmissions.

Other Roles and Recognition


• Craig Schneider served as a judge for the Rx for Excellence Award given by the Massachusetts Medical Law Report, and for the Patient Safety Recognition Award given by the Betsy Lehman Center for Patient Safety.

• Ray Campbell testified at the special hearing on health care costs conducted by the Attorney General and the Division of Health Care Finance and Policy.

• Ray Campbell received the Healthcare Leadership Award from the New England HIMSS chapter on December 8th.

Lisa Ewing; Ray Campbell
Innovator Spotlight Series

In our Waltham headquarters we host the monthly Friday Innovator Spotlight series that allows our members to showcase their expertise and offerings of interest to Consortium members and non-members alike. Throughout the year, as technology and data issues emerge and evolve, the Consortium moves swiftly to develop timely programs to help its members share information and identify opportunities for collaboration.

We also offer presentation opportunities to our members with expertise in the fields of health data use and information exchange in helping to improve quality of care and reduce costs.

Presented in 2011:

**Dell Services:** Attributes of High Performing Physician Office

**Platform Solutions:** Security Controls for Meaningful Use

**Arcadia Solutions:** Beyond Meaningful Use: A Definitive Presentation on Strategies, Capitalization, and Initiatives

**GE Healthcare:** Health IT Solutions to Connect Communities of Care

**Daymark Solutions:** Securing & Controlling Access to Sensitive Data

**Axway:** 5 Simple Steps to HIPAA Compliance

**ICA:** Do you have the Right Infrastructure to Deliver your Physicians from Fragmented to Coordinated Care? Workflow without Walls

**InterSystems:** Interoperability Across the Globe and What the Future Holds

**Freedman Healthcare:** Measuring and Improving Quality of Care Using All Payer Claims Datasets

**Sten-Tel:** From Narrative Notes to Clinical Data Practical Use Cases for Natural Language Processing (NLP)

**McKesson:** Accountable Care - Are You Ready?

**OptumInsight:** Intelligent HIE in Support of Collaborative Care

**Vecna Technologies:** mHealth in the Real (Developing) World
# Massachusetts Health Data Consortium Members List

## Institutional/Board Members

<table>
<thead>
<tr>
<th>Blue Cross Blue Shield of Massachusetts Edwards Wildman Palmer LLP Group Insurance Commission Health Care For All MA Board of Registration in Medicine</th>
<th>MA Information Technology Division MA Association of Health Plans MA Behavioral Health Partnership MA Department of Public Health MA Hospital Association</th>
<th>MA League of Community Health Centers MA Medical Society Masspro MIT Medical Department Philips Medical Systems Wellpoint Health Network/UNICARE</th>
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## Healthcare Members

| Atrius Health Baystate Health Beacon Health Strategies Berkshire Health Systems Blue Cross Blue Shield of MA BMC HealthNet Plan Boston Healthcare for the Homeless Boston Medical Center Boston Public Health Commission Cambridge Health Alliance CareGroup Healthcare System CCHIT Children’s Hospital Boston CMS CRICO/ Risk Management Foundation Dimock Center East Boston Neighborhood Health Center Emerson Hospital Executive Office Health & Human Services Group Insurance Commission Harvard Pilgrim Health Care Harvard University Health Services Health New England Hebrew Senior Life Home Health Foundation Lahey Clinic Lawrence General Hospital MA eHealth Collaborative MA Eye and Ear Infirmary MA Medical Society MIT Medical Center Morton Hospital Mount Auburn Cambridge IPA Neighborhood Health Plan Network Health New England Quality Care Alliance Northern Berkshire Health System Partners HealthCare System, Inc. Radius Hospital Reliant Medical Group (formerly Fallon Clinic) Senior Whole Health South Shore Hospital South Shore Memorial Health Steward Health Care Tufts Health Plan VA Healthcare System Winchester Hospital |

## Partner Members

| AstraZeneca Computer Sciences Corporation (CSC) InterSystems Corporation NavinNet | Arcadia Solutions Cisco Systems GE Healthcare GreenPages Technologies Platform Solutions |

## Executive Members

| MA Coalition for the Prevention of Medical Errors MA Health Council MA Health Information Mgmt Association MA Public Health Association | MA Senior Care Association MA Technology Collaborative MITX NAHDO NE Employee Benefit Council |

## Academic Members


## Supporting Members

| Avior Computing Axway CareFusion Concordant Coverys (formerly Promutual) Covisia Solutions Daymark Solutions Dell Services Dimensional Insight | |

## Individual Member Total: 65
The Consortium is a member-driven organization. Any individual, healthcare provider, payer, association, government organization, consultant, or information technology company may join the Consortium.

We take our strength from diverse member involvement, and believe that member participation leads to the most positive and mutually beneficial experience for all.

**As A Consortium Member**
- Your voice will be heard in the collaborative process
- You will gain access to the Consortium’s many programs and services
- You will help shape policy for the health information infrastructure
- You will participate in projects with peers, potential business clients and partners
- You will receive reduced admission to conferences
- You will receive complimentary admission to Innovator Spotlights, Data Managers Forums and mHealth Forums
- You will receive discounts on Consortium data products and customized reports

**Membership Categories**
- Healthcare
- Vendor (Partner, Executive and Supporting)
- Academic
- Individual

To discuss becoming a member of the Consortium, please Contact Arleen Coletti, our Director of Member & Exhibiting Services at 781-419-7815 or acoletti@mahealthdata.org.

**WELCOME TO OUR NEW ORGANIZATIONAL MEMBERS:**

- AVIOR Computing
- axway
- Home Health VNA Merrimack Valley Hospice
- HomeCare, Inc.
- iCA
- iGet Better
- imprivata®
- Lawrence General Hospital
- PC Connection 1.800.800.0014
- Senior Whole Health
- South Shore Mental Health
## INVESTING IN INFORMATION AWARDS

<table>
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<tr>
<th>Year</th>
<th>Awards</th>
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<tr>
<td>2011</td>
<td>Andrew Dreyfus, Gary Gottlieb, MD, Ralph de la Torre, MD</td>
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<tr>
<td>2010</td>
<td>Marylou Buyse, MD; James Conway; Samuel O. Thier, MD</td>
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<td>2009</td>
<td>Lawrence Garber, MD; Eugenia Marcus, MD, FAAP; Todd Rothenhaus, MD, FACEP; Rick Shoup, PhD</td>
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<td>2008</td>
<td>Meg Aranow; Louis I. Freedman; Mitchell L. Adams; David S. Rosenthal, MD</td>
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<tr>
<td>2007</td>
<td>Leon Goldman, MD; David Szabo, JD; The Massachusetts e-Health Collaborative</td>
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<tr>
<td>2006</td>
<td>Lawrence K. Gottlieb, MD; Larry Nathanson, MD; James Feldman, MD; Joseph Bergen, DO</td>
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<td>2005</td>
<td>Carl Ascenzo; T. Louis Gutierrez; Community Catalyst</td>
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<td>Kenneth Mandl, MD; Thomas Sullivan, MD; Dolores L. Mitchell</td>
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<td>John D. Halamka, MD, MS; John P. Glaser, PhD; Stephen Burns</td>
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<td>Mary Beckman; Paul F. Levy; Dean Joseph B. Martin, MD, PhD; William D. O’Leary</td>
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<td>Senator Richard T. Moore</td>
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<td>2000</td>
<td>Lucian L. Leape, MD; Albert G. Mulley, Jr., MD</td>
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<td>1999</td>
<td>Bell Atlantic; Massachusetts Health Quality Partners</td>
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<td>1998</td>
<td>Massachusetts Division of Health Care Finance &amp; Policy; Massachusetts Department of Public Health; Analog Devices</td>
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<td>1997</td>
<td>Advisory Comm. on Public Disclosure of Physician Information; Massachusetts Board of Registration in Medicine; Massachusetts Medical Society; Massachusetts Office of Consumer Affairs and Business Regulation</td>
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<tr>
<td>1996</td>
<td>Digital Equipment Corporation; Group Insurance Commission; Massachusetts Health Purchaser Group; Millipore Corporation; New England HEDIS Coalition</td>
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The Investing in Information Awards are presented to individuals or organizations that have invested capital, knowledge, and leadership in using traditional and state-of-the-art technologies to promote efficient and effective communication of health information.
Data Products

REPORTS THAT MEET YOUR NEEDS:

Custom Reports and Data Extracts: We will work with you to define your requirements. Reports and Extracts are provided in your choice of formats, including PDF, Excel, and Access.

Standard Reports from the Inpatient database include: Patient Origin by Town and Hospital, Market Share by Subspecialty, Three Year Market Trend by Subspecialty, Discharge Status Reports. Reports are provided in PDF format via download, email, or on CD.

ORGANIZATIONS THAT BENEFIT FROM MHDC DATA PRODUCTS:

- Health data organizations
- Consultants
- Hospitals
- Market analysts
- Clinicians
- Researchers
- Post-acute care facilities
- Physician group practices
- Hospices
- Home health agencies
- Integrated delivery systems
- Government agencies
- Congressional and legislative staff

DATABASES AVAILABLE:*  

Inpatient Database: Each year contains over 850,000 discharges from all 73 Massachusetts acute care hospitals. Full version includes detail charge information; Lite version includes Discharges only. Data available back to 1990.

Emergency Department Database: Over 2.2 million visits and over 12 million patient services from 70 facilities. Data available back to 2000.

Physician Licensure Database: This file details over 36,000 licensed physicians in Massachusetts by specialty and hospital affiliations. Data available back to 1988.

* Purchasers of our patient databases are required to sign a Data Use Agreement to ensure that the data is handled appropriately.

MHDC Members (in the supporting member category and above) receive a 20% discount on Data
Elliot M. Stone Memorial Fund
Graduate Student Intern Project

Elliot M. Stone led the Massachusetts Health Data Consortium from its inception in 1978 until his untimely passing in April 2005. Elliot was a true visionary and leader in the Massachusetts healthcare community and in the effort to enhance technology and improve quality of care.

To honor his memory, the MHDC Board of Directors established a Memorial Fund. This Memorial Fund is designated to support the work of promising graduate students doing research on the uses of health information.

Specifically, the Memorial Fund supports an annual precepted internship for a graduate-level student in a health systems-related degree program. The internship will generate a project report, analysis, or publishable paper on a topic demonstrating the use of health data or health information technology for the improvement of the health care system, health care delivery, or health status of communities.

Jenna Sirkin, 2011-12
Jenna Sirkin is working on a Ph.D degree in health policy at the Heller School for Social Policy and Management at Brandeis University. Jenna is studying the implementation of electronic health record (EHR) systems at community health centers in four states as part of her dissertation research. Her prior research work includes coordinating primary care and substance abuse treatment, patient empowerment in behavioral health, and sustainable development in Mexico, and is the co-author of a book, Breaking the Poverty Cycle: The Human Basis for Sustainable Development. She has a Master of Arts degree from the Heller School and a B.A. in International Relations and Spanish from Tufts University.

Nakhle Tarazi, MD, 2010-11
Nakhle Tarazi, MD is studying for a Master of Science degree in Health Informatics at Northeastern University. He conducted original survey research to study the impact of electronic health record systems on patients, via conducting interviews with patients to learn about their experience of care. Dr. Tarazi is an Obstetrician/Gynecologist in the Steward Healthcare system, and until recently was chief of the OB/GYN Department at Caritas Norwood Hospital. He received his Doctor of Medicine degree and Bachelor’s degree from the American University of Beirut, and began practicing in the US in the late 1980s.

Sean Lunde, 2009-10
Sean Lunde completed an MBA/MPH program at the Boston University Graduate School of Management. Sean conducted a qualitative study of the factors that contribute to the success or failure of EHR implementation.

Natasha Khouri, 2008-09
Natasha Khouri finished her Masters of Science in Health Policy program at the Harvard School of Public Health. Natasha surveyed hospitals to determine how they are implementing the new race and ethnicity reporting requirements, how they impact providers, and how the accuracy of the data is ensured.

Jaffy Phillips, 2008-09
Jaffy Phillips completed her Masters in Public Health degree at the BU School of Public Health. Jaffy’s project looked at the barriers to health IT interoperability for behavioral health services via literature review and interviews with subject matter experts in the field.

Neel Shah, MD, 2007-08
Neel Shah, MD was the first Elliot M. Stone Intern selected for the program. He completed a Master of Public Policy degree at the Harvard Kennedy School of Government, as well as an M.D. degree at Brown University. Neel worked on the Health Information Privacy and Security Collaboration project.
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