

Welcome to the Eighteenth Annual Northeast Region Conference and Exhibition

Welcome to the 2004 Northeast Region Conference and Exhibition! Members of the Clinical Laboratory Management Association, Clinical Ligand Assay Society and the American Association for Clinical Chemistry have once again joined efforts to offer over 30 exceptional educational presentations. In its 18th year, the planning committee remains dedicated to addressing the changing needs of laboratories and strives to provide timely sessions for our collective membership. In addition, we are striving to attract attendees from related fields by offering topics that range from SARS to JCAHO Lab Update to Clinical Pharmacogenomics.

We could not continue this endeavor without the invaluable support of the vendors and attendees. Without vendor support, we could not bring you nationally renowned speakers and an ever-expanding array of topics. Please show your appreciation for their support by visiting the exhibits.

Kevin O'Connell - Regional Meeting Planning Committee Chair

Regional Meeting Planning Committee

<p style="text-align: center;">Program Chair Kevin O'Connell NBMA</p> <p style="text-align: center;">Treasurer Kevin O'Connell NBMA</p> <p style="text-align: center;">Registration Joan Poutre Holyoke Medical Center Holyoke, MA</p> <p style="text-align: center;">Beverly Miller Baystate Reference Laboratories Springfield, MA</p> <p style="text-align: center;">Brochure Committee Arleen Chase Reference Diagnostics, Inc. Bedford, MA</p> <p style="text-align: center;">Vendor Committee Anthony Rino U Mass Medical Center Worcester, MA</p> <p style="text-align: center;">Greg Stutman Boston Biomedical Consultants, Inc. Waltham, MA</p> <p style="text-align: center;">Stella Croteau Mass Eye and Ear Infirmary Boston, MA</p> <p style="text-align: center;">Barry Fish Elliot Hospital Manchester, NH</p> <p style="text-align: center;">Donna Richards Lahey Clinic Burlington, MA</p>	<p style="text-align: center;">Speaker Committee Darryl Erik Palmer-Toy Mass. General Hospital Boston, MA</p> <p style="text-align: center;">Jim Caturano Mayo Medical Labs Wilmington, MA</p> <p style="text-align: center;">David Drum VA Boston Healthcare System West Roxbury, MA</p> <p style="text-align: center;">Andrea Pierce KMC Systems, Inc. Merrimack, NH</p> <p style="text-align: center;">Tim Skelton Boston Medical Center Boston, MA</p> <p style="text-align: center;">Olive Sturtevant Dana Farber Cancer Institute Boston, MA</p> <p style="text-align: center;">Hotel Janet Hurwitz Meditech Westwood, MA</p> <p style="text-align: center;">Publicity Arleen Chase Reference Diagnostics, Inc. Bedford, MA</p> <p style="text-align: center;">Signage Pamela St. Jean Cooley Dickinson Hospital Laboratory Northampton, MA</p>
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Program Wednesday April 14, 2004

8:00 – 9:30 AM Track One: Management I

Coding & Reimbursement

Robert B. V. Masters

This session will facilitate the understanding of billing code changes in CPT 2004 and HPCS 2004, provide sufficient knowledge of code changes so that attendees can incorporate changes into their correct billing systems, and answer questions from participants.

8:00 – 8:45 AM Track Two: Cardiology and Clinical Chemistry

BNP in Managing Heart Failure

John Higgins, MD

B-type natriuretic peptide in plasma increases in proportion to the degree of left ventricular dysfunction and the severity of symptoms in heart failure. This session will discuss the role of testing for BNP in the management of heart failure.

8:45 - 9:45 AM Track Two: Cardiology and Clinical Chemistry

Utility of CRP as a Predictor of Cardiovascular Events

J. Michael Gaziano, MD

Recently, the role of C-Reactive Protein measurement as a nonspecific quantitative correlate of inflammation has been applied successfully to the prediction of untoward cardiac events. This lecture provides an authoritative summary of what every laboratorian needs to know about CRP.

8:00 – 8:45 AM Track Three: Emerging Infectious Disease

Lyme Disease

Robert Kalish, MD

New England's own, Lyme disease is a tick-borne, immune-mediated inflammatory disorder caused by the spirochete, *Borrelia burgdorferi*. Serological tests, for IgM and IgG, are suboptimal, leading many patients to be treated empirically.

8:45 – 9:30 AM Track Three: Emerging Infectious Disease

West Nile Virus

Irene Bosch, PhD

West Nile virus disease is primarily an infection of birds, transmitted by the bite of infected mosquitoes. Serologic tests, cell culture, and RT-PCR will be discussed as means for detecting the WNV and specific antibodies plus distinguishing them from the related flaviviruses.

8:00-9:30 AM Track Four: Hematology

D-dimer for Thromboembolism

David Dorfman, MD

D-dimer fragments are produced during the degradation of thrombin-generated fibrin clots by plasmin. Thus, the presence of D-dimer is a clue that clotting is occurring. Really?

9:30-10:30 AM BREAK and Exhibits

ENJOY THE EXHIBITS IN EXHIBIT HALL!

10:30-12:00 Track One: Management I

Update on Regulatory and Legislative Issues

Jeffrey Boothe, Esq.

This session will offer the latest information concerning legislative and regulatory changes contemplated or enacted by Congress, the Centers for Medicare and Medicaid Services (CMS), and the Department of Health and Human Services. Implications of the "Medicare Act of 2003" for clinical laboratories will be discussed.

10:30 – 12:00 Track Two: Cardiology and Clinical Chemistry

Biomarkers in the Acute Coronary Syndromes

David Morrow, MD

Availability of rapid assays for the Troponins created a small revolution in management of acute heart events. Now a plethora of new biomarkers, such as PAPP-A and ischemia-modified albumin, push for recognition by the laboratory.

Program Wednesday, April 14, 2004 continued

10:30 - 12:00 Track Three : Emerging Infectious Disease

SARS **William Thomas, PhD**

In just over one year, the severe acute respiratory syndrome and associated coronavirus have gained international attention. The case definition now requires specific serological positivity with methods considered suboptimal by many.

10:30 - 12:00 Track Four: Hematology

Homocysteine and Vascular Disease **Kilmer S. McCully, MD**

As early as 1968, children with enzymatic disorders of homocysteine metabolism were observed with advanced arteriosclerotic changes. More recently, hyperhomocysteinemia has been shown to be a potent risk factor for vascular disease.

**12:00 – 1:30PM - LUNCH AND EXHIBIT HALL
PLEASE VISIT OUR EXHIBITORS!**

1:30-3:30 PM Track One: Management I

Defining the Role of a Laboratory Compliance Officer **Ellen Goonan MS,MT(ASCP),
Beth Harubin MS,CLS, and Janet Means MS, MT(ASCP)**

The role of the Compliance Officer often expands beyond regulatory and billing compliance to Safety, POC testing, and Quality Assurance. In this session, Laboratory Compliance Officers from three Boston hospitals will discuss their roles, how their responsibilities have changed, and the rewards and challenges they experience.

2:00-3:30 PM Track Two: Cardiology and Clinical Chemistry

The Metabolic Syndrome **Jorge Plutzky, MD**

This session discusses an entity of major risk for coronary heart disease in 20% of U.S. adults: the combination of abdominal obesity, dyslipidemia, raised blood pressure, insulin resistance, and prothrombotic states.

2:00 – 3:30 PM Track Three: Emerging Infectious Disease

Hepatitis B and C in 2004 **Mark A. Jandreski, PhD, DABCC, FACB**

Tests for the diagnosis, staging, evaluation of therapy, and epidemiology of the two quite different viruses that cause Hepatitis B and Hepatitis C are discussed in this lecture.

2:00-3:30 PM Track Four: Hematology

Will STAT CRP make the Sed Rate Obsolete? **Tim Skelton, MD, PhD**

The erythrocyte sedimentation rate has been used for decades as a highly nonspecific indicator of inflammation. CRP has enough advantages over the sed rate to recommend the latter be discontinued.

3:30-4:00 PM BREAK and EXHIBITS

ENJOY THE EXHIBITS IN EXHIBIT HALL!

4:00-5:00 PM Track One: Management I

Retention and Recruitment

Roberta Teixeira MT (AMT),

Donna MacMillan MBA, MT(ASCP), and Denise J. Fiore MBA, MT(ASCP)

Currently, maintaining a reliable, stable laboratory workforce is a major challenge to management. Three experienced administrators discuss how they succeed in attracting and keeping excellent laboratorians.

4:00-5:00 PM Track Four: Hematology

Testing for the New Anticoagulants

Elizabeth M. Van Cott, MD

A variety of new anticoagulants have been launched into clinical practice. Clinicians are not well informed about how to test for the effects of these agents, and a dialogue between laboratorian and clinician is needed.

5:00 – 6:00PM Wine and Cheese Reception – All are welcome to attend! Relax and network with your colleagues and visit the exhibits!

6:00 - 8:00PM Evening Session - Dinner and Lecture - *Pre-Registration Required*

“Forensic Aspects of DNA Analysis”

Michael T. Bourke, PhD
Criminalist, Connecticut State Police
Forensic Laboratory

Rapid DNA analyses have become the major tool for most crime laboratories. Several cases will illustrate the utility of these methods for defining the remarkably variant human behavior occasionally exhibited in our society.

8:00 – 10:00 AM Track Five: Management II

JCAHO Lab Update **Joanne Born, MT (ASCP)**

Have you heard confusing and conflicting information about the new 2004 JCAHO laboratory accreditation initiative? This presentation will provide an update and an opportunity for your questions to be answered by a JCAHO leader.

8:00 – 8:45 AM Track Six: Quality in Testing

Method Comparison: Making Sense Out of the Data **Nils B. Person, PhD**

A key component of validating a POC method is establishing the relationship to current laboratory methods. Method comparison using regression analysis can describe the relationship, but needs to be used carefully to provide an accurate picture.

8:45 - 9:45 AM Track Six: Quality in Testing

Cardiac Marker POCT: Impact on Outcomes **Kent B. Lewandrowski, MD**

The clinical effects of POC testing for cardiac markers may be measured by cost, TAT, ED hold time, morbidity, mortality, and annual event rate. Incorporating these possible outcomes into method validation is complex.

8:00 – 8:45 AM Track Seven: Molecular Diagnostics

Primer **Andrea Pierce, PhD**

This session reviews the properties of and nomenclature for nucleic acids as an introduction to molecular diagnostics.

8:45 – 9:45 AM Track Seven: Molecular Diagnostics

Enabling Clinical Pharmacogenomics: Regulatory Perspectives and Applications in Drug Therapy and Forensic Toxicology. **Steven Wong, PhD**

Pharmacogenomics, defined as the study of the relationship and outcome of drug response due to genetic disposition, is a tangible outcome of the human genome project. The use of pharmacogenomic measurements of biomarkers for drug discovery, drug therapy, pain management, and adverse drug reactions signal emergence of this new scientific discipline.

8:00 – 8:45 AM Track Eight: New Technologies

Proteomics and Disease Marker Discovery **Darryl Palmer-Toy, MD, PhD**

Where will tomorrow's analytes come from? This talk will introduce the subject and methods of proteomics, as applied to human tissues and fluids.

8:45 – 9:45 AM Track Eight: New Technologies

Mass Spectrometry in the Clinical Milieu: Proteomics and Beyond **Catherine E. Costello, PhD**

Tandem arrangements, miniaturization, and software combined to make mass spec a very sensitive and practical analytical tool. Its attributes can be illustrated by studies of amyloid, glycoproteins, salivary proteins, and other analytes.

9:45 – 10:30 AM BREAK

ENJOY THE EXHIBITS IN EXHIBIT HALL!

Program Thursday April 15, 2003 cont.

10:30 – 12:00 PM Track Five: Management II

Phlebotomy and Preanalytical Variables

Connie Ohnstad, BS, NCA

The procedure of phlebotomy focuses attention on one of several well-defined sources of preanalytical variables. Technical, regulatory, safety, and scheduling issues are among the many that should be included in specimen collection training programs.

10:30 – 12:00 PM Track Six: Quality in Testing

Delivery of Quality POCT: Bridging the Lab/Nursing Boundary

James H Nichols, PhD, DABCC,

FACB

Modern insulin dose management has placed enormous analytical demands on healthcare systems using POC glucose testing. Several QA methods and systems can be implemented to help patient, physician and nurse integrate instrument read-out into optimal patient care.

10:30 – 12:00 PM Track Seven: Molecular Diagnostics

Molecular Genetics: Applications in Hematology and Coagulation

Gyorgy Abel, MD, PhD

The advent of molecular techniques has contributed significantly to the diagnostic evaluation of hematological disorders. PCR-based methods allow the identification of mutations and translocations in hematological malignancies and provide a novel means to monitor residual disease. Methods capable of identifying genetic defects responsible for hereditary hemochromatosis and tests detecting predisposition to thromboembolism have become the most commonly ordered molecular genetic tests.

10:30 – 12:00 PM Track Eight: New Technologies

Expanded Newborn Screening for Biochemical Newborn Disorders: Parental Response and Child

Outcome

Susan Waisbren, PhD

Newborn identification of these rare disorders appears to improve outcome for the children and reduce parental stress. However, the increase in false positive identifications that comes with screening additional disorders is associated with increased parental stress. When parents receive information about the newborn screening result in person they are less stressed and more satisfied in the process.

12:00 - 2:00PM - LUNCH AND EXHIBIT HALL

PLEASE VISIT OUR EXHIBITORS!

2:00 – 3:30 PM Track Five: Management II

What is Six Sigma and Can it Work in Healthcare?

Michael Blanchard, MS, MT (ASCP)

What is Six Sigma, and can it work in the clinical laboratory? Case studies will provide examples of its application to diagnostic labs.

2:00 – 3:30 PM Track Six: Quality in Testing

Autoverification

Peter Manzelli and John Saulenas

Why do so many clinical laboratories fail to use autoverification software even though it is available or resident in their analyzer software? Find out the advantages of autoverification for your lab.

2:00 – 3:30 PM Track Seven: Molecular Diagnostics

Traditional and Novel Approaches to DNA Sequencing and Genotyping

Heidi L. Rehm, PhD

The number of methods for analyzing DNA sequence has grown quickly in recent years, reflecting the dramatic increase in the use of molecular diagnostics in medicine. This lecture will review methods for full gene sequencing and individual base genotyping, pointing out benefits and drawbacks, as well as practical clinical issues.

Program Thursday April 15, 2003 cont.

2:00 – 3:30 PM Track Eight: New Technologies

Diagnosing with Data Patterns

Barry Robson, PhD

Medical data patterns vary from something as simple as the history of the illness to the interpretation of high capacity microarray chips. Even administrative data and epidemiologic records can be submitted to useful analysis for non-intuitive but informative insights, with careful attention to HIPPA requirements.

3:30 PM – 5:00 PM BREAK

ENJOY THE EXHIBITS IN EXHIBIT HALL!

WEDNESDAY, APRIL 14, 2004		
TIME	TRACK	EDUCATIONAL SESSION
7:00-8:30am	REGISTRATION	
8:00-9:30am	Management I	Coding and Reimbursement: Robert B. V. Masters
8:00-8:45 am	Cardiology & Clinical Chemistry	BNP in Managing Heart Failure: John Higgins
8:00-8:45am	Emerging Infectious Disease	Lyme Disease: Robert Kalish
8:00-9:30am	Hematology	D-dimer for Thrombembolism: David Dorfman
8:45-9:45am	Cardiology & Clinical Chemistry	Utility of CRP as Predictor of Cardiovascular Events: J. Michael Gaziano
8:45-9:30 am	Emerging Infectious Disease	West Nile Virus: Irene Bosch
9:30-10:30am	BREAK - ENJOY THE EXHIBITS!	
10:30-12:00pm	Management I	Update on Regulatory & Legislative Issues: Jeffrey Boothe
10:30-12:00pm	Cardiology & Clinical Chemistry	Biomarkers in Acute Coronary Syndromes: David Morrow
10:30-12:00pm	Emerging Infectious Disease	SARS: William Thomas
10:30-12:00pm	Hematology	Homocysteine and Vascular Disease: Kilmer McCully
12:00-1:30pm	LUNCH - ENJOY THE EXHIBITS!	
1:30-3:30pm	Management I	Defining the Role of a Lab. Compliance Officer: Ellen Goonan, Beth Harubin, and Janet Means
2:00-3:30pm	Cardiology & Clinical Chemistry	The Metabolic Syndrome: Jorge Plutzky
2:00-3:30pm	Emerging Infectious Disease	Hepatitis B and C in 2004: Mark Jandreski
2:00-3:30pm	Hematology	Will Stat CRP make the Sed Rate Obsolete? Tim Skelton
3:30-4:00pm	BREAK - ENJOY THE EXHIBITS!	
4:00-5:00 pm	Management I	Retention & Recruitment: Roberta Teixeira, Donna MacMillan, and Denise Fiore
4:00-5:00 pm	Hematology	Testing for the New Anticoagulants: Elizabeth Van Cott
5:00-6:00pm	Complimentary Wine and Cheese Reception - all are cordially invited to attend.	
6:00-9:00pm	Dinner Meeting	"Forensic Aspects of DNA Analysis" by Michael T. Bourke, PhD, Criminalist, Connecticut State Police Forensic Lab.

THURSDAY, APRIL 15, 2004		
TIME	TRACK	EDUCATIONAL SESSION
7:00-8:30am	REGISTRATION	
8:00-10:00am	Management II	JCAHO Lab Update: Joanne Born
8:00-8:45am	Quality in Testing	Method Comparison: Making Sense Out of the Data: Nils Person
8:00-8:45am	Molecular Diagnostics	Primer: Andrea Pierce
8:00-8:45am	New Technologies	Proteomics & Disease Marker Discovery: Darryl Palmer-Toy
8:45-9:45am	Quality in Testing	Cardiac Marker POCT: Impact on Outcomes: Kent Lewandrowksi
8:45-9:45am	Molecular Diagnostics	Enabling Clinical Pharmacogenomics: Regulatory Perspectives & Applications in Drug Therapy & Forensic Toxicology: Steven Wong
8:45-9:45am	New Technologies	Mass Spec. in the Clinical Milieu: Proteomics & Beyond: Catherine Costello
9:45-10:30am	BREAK - ENJOY THE EXHIBITS!	
10:30-12:00pm	Management II	Phlebotomy and Preanalytical Variables: Connie Ohnstad
10:30-12:00 pm	Quality in Testing	Delivery of Quality POCT: Bridging the Lab/Nursing Boundary: James Nichols
10:30-12:00pm	Molecular Diagnostics	Molecular Genetics: Applications In Hematology & Coagulation: Gyorgy Abel
10:30-12:00pm	New Technologies	Expanded Newborn Screening for Biochemical Newborn Disorders: Parental Response & Child Outcome: Susan Waisbren
12:00-2:00pm	LUNCH - ENJOY THE EXHIBITS!	
2:00-3:30pm	Management II	What is Six Sigma & Can it Work in Healthcare? Michael Blanchard
2:00-3:30pm	Quality in Testing	Autoverification: Peter Manzelli and John Saulenas
2:00-3:30 pm	Molecular Diagnostics	Traditional & Novel Approaches to DNA Sequencing and Genotyping: Heidi Rehm
2:00-3:30pm	New Technologies	Diagnosing with Data Patterns: Barry Robson
3:30-5:00pm	BREAK - ENJOY THE EXHIBITS!	

BIOGRAPHIES - Northeast Region Conference 2004

Wednesday, April 14th Program:

Management I

Robert B.V. Masters is Vice-President, Consulting Division, Medical Bureau of Economics, Worcester, MA.

Jeffrey Boothe, Esq. is an attorney specializing in healthcare law at Holland & Knight LLP, Washington, DC.

Ellen Goonan, MS, MT (ASCP) is Technical Director of Compliance, Brigham and Women's Hospital, Boston, MA.

Beth Harubin, MS, CLS is Supervisor of Laboratory Quality Assurance and Point of Care Testing, Tufts-New England Medical Center, Boston, MA.

Janet Means, MS, MT (ASCP) is Laboratory Quality and Compliance Specialist, Boston Medical Center, Boston, MA.

Roberta Texeira, MT (AMT) is Technical Director, Clinical Services, Massachusetts Eye and Ear Infirmary.

Donna MacMillan, MBA, MT (ASCP) is Director of Operations for the Department of Pathology at Massachusetts General Hospital.

Denise J. Fiore, MBA, MT (ASCP) is Director of Operations of Laboratory Medicine at Yale New Haven Hospital.

Cardiology and the Clinical Chemist

John Higgins, MD, MPhil is Co-Director of Noninvasive Cardiac Laboratories, VA Boston Healthcare System, and Instructor in Medicine, Harvard Medical School.

J. Michael Gaziano, MD, MPH is Director of Preventive Cardiology at the VA Boston Healthcare System, Chief of the Division of Aging, Brigham and Women's Hospital, and Associate Professor of Medicine, Harvard Medical School.

David A. Morrow, MD, MPH is Assistant Professor of Medicine, Harvard Medical School, Associate Physician, Cardiovascular Division, and Director, TIMI Biomarker Core Laboratory, Brigham and Women's Hospital.

Jorge Plutzky, MD is Assistant Professor of Medicine and Director, the Vascular Disease Prevention Program, Harvard Medical School.

Emerging Infectious Disease

Robert Kalish, MD is Associate Rheumatologist and Assistant Professor of Medicine, Tufts-New England Medical Center, Boston.

Irene Bosch, PhD is Assistant Professor of Medicine, Center for Infectious Disease and Vaccine Research, University of Massachusetts Medical School, Worcester, MA.

William Thomas, PhD is Director of the Infectious Disease Laboratory, University of Massachusetts Medical Center, at the Massachusetts State Laboratory, Jamaica Plain, MA.

Mark A. Jandreski, PhD, DABCC, FACB is Manager of Manufacturing Development, Nucleic Acids Division, Bayer Healthcare, aiming to create new infectious disease testing products for clinical use.

Hematology

David Dorfman, MD is Associate Pathologist and Director of Hematology Laboratories, Brigham and Women's Hospital, and Associate Professor of Pathology, Harvard Medical School.

Kilmer McCully, MD is Associate Clinical Professor of Pathology, Harvard Medical School, and Chief of Pathology and Laboratory Medicine and Director of the Boston Area Consolidated Laboratories at the VA Medical Center, West Roxbury, MA.

Tim Skelton, MD PhD is Assistant Director of the Department of Laboratory Medicine, Boston Medical Center, and Assistant Professor of Pathology, Boston University School of Medicine.

Elizabeth M. Van Cott, MD is Director of the Coagulation Laboratory, Massachusetts General Hospital, and Assistant Professor of Pathology, Harvard Medical School.

BIOGRAPHIES - Northeast Region Conference 2004 continued

Evening Session Speaker

Michael T. Bourke, PhD is a criminalist at the Connecticut State Police Crime Laboratory. He earned his doctoral degree at the University of Connecticut and did postdoctoral work at the University of Massachusetts Medical Center. He is currently responsible for analysis of evidentiary material, including the collection of trace and serological evidence samples. His primary duties use forensic DNA analysis of collected materials and the validation of additional DNA tests.

Thursday, April 15th Program:

Management II

Joanne Born, MT (ASCP) is Executive Director, Laboratory Accreditation Program, Joint Commission on Accreditation of Healthcare Organizations.

Connie Ohnstad, BS is Laboratory Services Supervisor, Charlton Laboratory Services, Mayo Medical Center, Rochester, MN.

Michael Blanchard, MS is Director, New England Hospital Sales, Quest Diagnostics.

Quality in Testing

Nils B. Person, PhD is Technical Director, Clinical Education and Support, Instrument Systems Division, Diagnostic Products Corporation.

Kent B. Lewandrowski, MD is Director, Core Laboratory, Massachusetts General Hospital, Associate Professor of Pathology, Harvard Medical School, and Editor, of Point of Care, The Journal of Near Patient Care.

James H. Nichols, PhD is Director of Clinical Chemistry, Baystate Medical Center, Springfield, MA, and Associate Professor of Pathology at Tufts University School of Medicine.

Peter Manzelli is Marketing Support Representative, Medical Information Technology, Inc. Westwood, MA.

John Saulenas is Sr. Marketing Support Representative, Medical Information Technology, Inc. Westwood, MA.

Molecular Diagnostics

Andrea Pierce, PhD is a principal in AMP Scientific, Hollis, NH, and a consultant for AlvaMed, LLC, a medical product development group out of Dover, MA.

Steven Wong, PhD, DABCC FACB is Professor of Pathology, Psychiatry, and Behavioral Medicine and Director, Clinical Chemistry/Toxicology, TDM Pharmacogenomics and Proteomics, Medical College of Wisconsin, and Scientific Director, Toxicology Department, Milwaukee County Medical Examiners office, Milwaukee, WI.

Gyorgy Abel, MD, PhD is Medical Director, Clinical Immunology and Molecular Diagnostic Laboratory, Lahey Clinic, Burlington, and Clinical Instructor in Pathology, Harvard Medical School.

Heidi L. Rehm, PhD is Instructor in Pathology, Brigham and Women's Hospital and Harvard Medical School, and Associate Medical Geneticist, Center for Genetics and Genomics, Harvard Medical School and Partners Healthcare System.

New Technologies

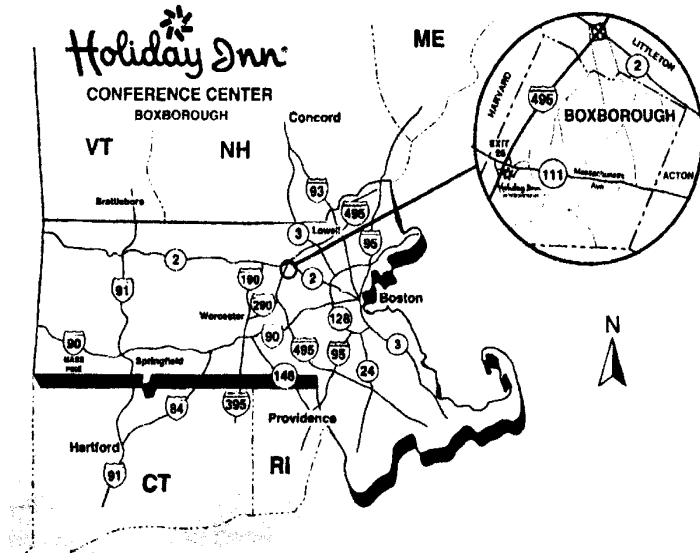
Darryl Palmer-Toy, MD PhD is Visiting Assistant Professor of Pathology, Harvard Medical School, and Assistant Pathologist, Massachusetts General Hospital.

Catherine E. Costello, PhD is Professor of Chemistry, Boston University, and Director of the Mass Spectroscopy Resource, Boston University Medical Center.

Susan Waisbren, PhD is an Associate Professor of Psychology in the Department of Psychiatry, The Children's Hospital and Harvard Medical School, and Assistant Professor of Pediatrics, Harvard Medical School.

Barry Robson, PhD is a Staff Scientist with IBM Healthcare and Life Sciences.

The Holiday Inn and Conference Center at Boxborough



One Adams Place
Boxborough, MA 01719
Phone: 978-263-8701
Fax: 978-263-0518
Toll Free: 1-800-HOLIDAY

Hotel Reservations may be made by calling the hotel directly. Rooms will be held at the special rate of \$106 per night for single, double, or triple occupancy until March 22, 2004.

Directions

From the North

(New Hampshire, Maine, Northern MA)
Route 3 - South to Rte 495 South
Route 93 - South to Rte 495 South
Route 95 - South to Rte 495 South

Exit #28 to Route 111, Boxborough/Harvard.
Turn right off ramp, travel over overpass and take first road on the right (Adams Place). Continue on Adams Place for approximately 1/2 mile to hotel.

From the East

(Boston, North Shore, Waltham, Norwood)
Route 128 - South to Rte 2 West or
Route 128 - North to Rte 2 West to Rte
111 West. Adams Place will
be on the left before crossing
over Rte 495.

Mass Pike (90) - West to Rte 495N, Exit #28 to Rte
111, Boxborough/Harvard. Turn left off ramp and
take the first road on the right (Adams Place).
Continue on Adams Place for approximately 1/2
mile to hotel.

From the South

(Cape Cod, South Shore, Rhode Island)
Route 3 - North to Rte 95S to Rte
495 North
Route 295 - North to Rte 495N

Exit #28 to Route 111, Boxborough/Harvard. Turn
left off ramp and take the first road on the right
(Adams Place). Continue on Adams Place for
approximately 1/2 mile to hotel.

From the West

(Worcester, Fitchburg and Connecticut)
Route 290 - East to Rte 495N. Exit #28 to Rte 111,
Boxboro/Harvard. Turn left off ramp and take the
first road on the right (Adams Place). Continue on
Adams Place for approximately 1/2 mile to hotel.

Route 84 (CT) - North to Rte 90E (Mass Pike) to
Rte 495N. Exit #28 to Rte 111,
Boxborough/Harvard. Turn left off ramp and take
the first road on the right (Adams Place). Continue
on Adams Place for approximately 1/2 mile to
hotel.

Route 2 - East to Rte 495S. Exit #28 to Route 111,
Boxborough/Harvard. Turn right off ramp, travel
over overpass and take first road on the right
(Adams Place). Continue on Adams Place for
approximately 1/2 mile to hotel.

Confirmed Vendors (at time of printing)

Dade Behring, Inc.	
Diagnostic Systems Laboratories, Inc.	
Diagnostic Products Corp.	
Higgins Office Products	
Millipore Corporation	CLMA
MRT Laboratories, Inc.	AACC
Micro Video Instruments, Inc.	CLAS
Orchard Software	
Specialty Laboratories	

The planning committee appreciates the following organizations help with our publicity efforts:

American Association for Clinical Chemistry	eurekaalert.com
Canadian Society for Medical Laboratory Science	Labexplorer.com
Clinical Laboratory Management Association	Limsfinder.com
Clinical Ligand Assay Society	massbio.com
Clinical Ligand Assay Society, NY Metro Section	masshightech.com
College of American Pathologists	MedicalConferences.com
Conference Seek	MediConf.com
Microcal	medinews.com
Mass High Tech	newswise.com
Massachusetts Biotechnology Council	techexpo.com
MD&DI	<u>Advance for Laboratory Administrators</u>
National Biotech Register	<u>Advance for Medical Laboratory Professionals</u>
allconferences.com	<u>Canadian Medical Journal</u>
bio.com	<u>Dark Report</u>
biotech-register.com	<u>Genetics & Engineering News</u>
biotechdaily.com	<u>HealthCare Review</u>
ConferenceSeek.com	<u>IVD Technology</u>
etotallab.com	<u>Medical Laboratory Observer</u>

The Convention Organizers:

BayState CLMA
CLAS: New England
CLAS: NY Metro
NH/VT CLMA
Northeast AACC
Western Mass CLMA

**EIGHTEENTH ANNUAL NORTHEAST REGION CONFERENCE
REGISTRATION FORM – APRIL 14TH & 15TH, 2004**

Full Name: _____ Title: _____

Organization: _____

Street: _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: __ (____) _____ Email address: _____

REGISTRATION FEES: Registration includes luncheon and breaks.

I am a member of: _____ CLMA _____ CLAS _____ AACC _____ NON-MEMBER (Please check all that apply).

I will attend: _____ Both Days or One Day only, please specify _____ Wednesday _____ Thursday

FEE SCHEDULE FOR BOTH DAYS

\$100 Member \$ _____

\$110 Non-Member \$ _____

\$50 Student/Pathology Resident \$ _____

FEE SCHEDULE FOR ONE DAY ONLY

\$75 Member \$ _____

\$85 Non-Member \$ _____

\$45 Student/Pathology Resident

*****PRE-REGISTRATION Before April 7, 2004 – DEDUCT \$5 FROM TOTAL** \$ _____

Evening Session Wednesday, April 14, 2004: full turkey Dinner and Lecture included (\$25)
(If you wish a vegetarian alternative, please pre-arrange it with the hotel.) \$ _____

“Forensic Aspects of DNA Analysis” – Michael T. Bourke, PhD.

****Pre-registration required for Evening Session****

TOTAL REGISTRATION FEE ENCLOSED (Registrations must be postmarked by April 7!) \$ _____

1. Payment **MUST** accompany Registration form.
2. Make checks payable to **N.E. Region Conference and Exhibition** and mail check or money order and registration form to : **Joan Poutre**
8 Williams Street
Holyoke, MA 01040
3. No telephone registrations will be accepted.
4. Written confirmation will not be sent.
5. We cannot invoice before or after the meeting. We are a tax exempt organization: Tax ID #23198906; receipt of attendance as well as continuing education forms can be completed at the meeting.
6. **Refund Policy:** There will be NO refunds. Please send someone else as a substitute. For additional information contact: Joan Poutre (413-534-2530) or email at poutre_joan@holyokehealth.com

**Applications have been made for the following continuing education credits:
ASCP, PACE, ACCENT, CME.**

NOTES

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