

Welcome to the Nineteenth Annual Northeast Region Conference and Exhibition

Welcome to the 2005 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 19th 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 “Terrorism” to a “One Day CAP Inspector Training Course”, to “Experiences with Automation”.

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 New Bedford Medical Associates New Bedford, MA</p> <p style="text-align: center;">Treasurer Kevin O’Connell New Bedford Medical Associates New Bedford, MA</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 Medica Corp. Bedford, MA</p> <p style="text-align: center;">Vendor Committee Anthony Rino UMass Memorial Medical Center Worcester, MA</p> <p style="text-align: center;">Greg Stutman Boston Biomedical Consultants, Inc. Waltham, MA</p> <p style="text-align: center;">Barry Fish Elliot Hospital Manchester, NH</p> <p style="text-align: center;">Donna Richards The Lahey Clinic Burlington, MA</p>	<p style="text-align: center;">Speaker Committee David Drum Boston VA Healthcare System West Roxbury, MA</p> <p style="text-align: center;">Darryl Palmer-Toy Harvard-Partners Genome Center Cambridge, MA</p> <p style="text-align: center;">Vincent Ricchiuti Brigham and Women’s Hospital Boston, MA</p> <p style="text-align: center;">Tim Skelton The Lahey Clinic Burlington, MA</p> <p style="text-align: center;">Marianne Smith Hallmark Health Systems Melrose, 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 Eric Sigillo Nova Biomedical Waltham, 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 13, 2005

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

Using Labor Productivity Benchmarks to Manage Your Laboratory	Paul D. Camara
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As staff resources dwindle, competition for techs becomes aggressive and salary budgets are cut, making the best use of existing labor resources becomes a top priority for the lab director. This presentation will focus on using objective benchmark criteria for establishing optimal laboratory staffing. We will also discuss how to improve laboratory systems and processes in order to operationalize these resources.

8:30 – 9:30 AM Track Two: Quality and Safety

Avoiding Phlebotomy-Related Lawsuits	Dennis J. Ernst
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This program identifies common errors in the performance of venipuncture that cause injuries to patients and bring legal action against phlebotomists, laboratories, and hospitals. It outlines the policies, procedures, and practices that phlebotomists and their managers can implement to minimize risk of litigation.

Dennis Ernst's presentations sponsored by BD Pre-Analytical Systems

8:30 - 9:30 AM Track Three: Terrorism

Organization & Training of First Responders to Terrorism	David Ladd
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Fire and police personnel are the first responders for damage to humans and to infrastructure from a terrorist event. Massachusetts has 275 specially trained units ready for deployment to any event. Ongoing, hands-on training exercises increase the capability for mitigation of social consequences after untoward events of large scale.

8:30 – 9:30 AM Track Four: New Techniques and Analytes

BioChip: A Microfluidic Device for Doing Self-Contained Immunoassay	George Parsons
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Most immunoassays today are performed on large, random-access systems in the central laboratory. Just as personal computers and wireless phones have replaced terminals connected to mainframe computers, sensitive immunoassays are becoming available closer to the patient, where the information is needed. We have developed a device that enables a myoglobin assay with a sensitivity of 1 ng/mL (10⁻¹¹ M) where all of the reagents are contained in a credit card sized device, pre-packaged with all reagents.

9:30-10:30 AM BREAK and EXHIBITS

ENJOY THE EXHIBITS IN EXHIBIT HALL!

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

Using Labor Productivity Benchmarks to Manage Your Laboratory, Part 2	Paul D. Camara
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Program Wednesday, April 13, 2005, continued

10:30 – 12:00 Track Two: Quality and Safety

Eliminating Pre-Analytical Errors in Specimen Collection	Dennis J. Ernst
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Errors that collectors can introduce into specimens during collection, transportation, and storage that can alter test results are discussed in this presentation. The effects of tourniquet time, order of draw, complications with IV fluids, the impact of exercise, fasting and time after dosage (TDMs) as well as storage time, temperature, delays in processing, and other factors are covered.

Dennis Ernst's presentations sponsored by BD Pre-Analytical Systems

10:30 - 12:00 Track Three: Terrorism

Bio-terrorism: What We've Learned & How We've Changed	Cheryl Gauthier, Tara Doran, & Lori Cavaleri
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This program will focus on bio-terrorism preparedness and includes a description of challenges faced by public health laboratories, lessons learned, and plans for the future. A discussion of botulism toxin will be followed by a review of the Laboratory Response Network (LRN) and the roles of the sentinel laboratory. The roles of the national Centers for Disease Control and Prevention and the Mass. Department of Public Health will be highlighted.

10:30 - 12:00 Track Four: New Technologies and Analytes

Stable Isotope Methods for Clinical Analysis	Gregory Dolnikowski
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In conjunction with mass spectrometry, stable isotopes can be employed as internal standards for the quantitative analysis of biological compounds. They can also be used as tracers to measure the metabolic kinetics of biological analytes. This talk will illustrate both of these methods using DNA methylation and Vitamin A deficiency as examples.

12:00 – 1:30PM - LUNCH and EXHIBIT HALL

PLEASE VISIT OUR EXHIBITORS!

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

Taking Connectivity to New Heights: LabNet Model for Success	Mike McGowan
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This session will examine the managed care issues that prompted a group of lab managers to create a company that serves as a “reference lab without walls” in order to keep outpatient lab testing in the local geographic area, to increase each member’s outreach volume, and to increase the geographic area that a small hospital lab can cover through partnership arrangements.

Mike McGowan's presentation sponsored by LabNet.

Program Wednesday, April 13, 2005, continued

1:30-2:30 PM Track Two: Quality and Safety

Managing Risk in Hospitals	Jan Krouwer
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JCAHO requires healthcare organizations to perform at least one Failure Mode Effects Analysis (FMEA) annually. This lecture will show how to perform a FMEA using fault trees. Quality System Essential (QSE) lists are provided as potential failure mode causes.

2:30-3:30 PM Track Two: Quality and Safety

Improving Quality Management & Achieving Compliance for Accreditation	Kirsten Cowan & Jerry Seibert
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Lab quality management processes are fraught with bottlenecks and inefficiencies, increasing the time and difficulty of compliance with accreditation and other audits. New technology can be used to ensure that the right information gets to the right people at the right time, so that audit requirements never fall through the cracks. This presentation will show how lab safety and quality can be improved with automated processes that make all quality documentation and compliance evidence instantly available to staff, auditors, and inspectors.

1:30 – 3:30 PM Track Three: Terrorism

Chemical Terrorism Response Preparedness	Jonathan Burstein, Caley Heckman & Paul Jankauskas
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This program will provide a review of response roles during a suspected chemical terrorism event. A review of potential chemical agents will be followed by a discussion of specimen collection protocols for clinical specimens. “Chain of Custody” requirements will be discussed. The roles of the national Centers for Disease Control and Prevention and the Mass. Department of Public Health will be highlighted.

1:30-2:30 PM Track Four: New Technologies and Analytes

New Biomarkers for Pre-eclampsia	Ravi Thadhani
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Pre-eclampsia is a rare, but severe, complication of pregnancy. Specific markers, intimately related to the pathobiology of pre-eclampsia, identify high-risk women 4-6 weeks before the clinical development of pre-eclampsia. These markers may be used routinely in prenatal care.

3:30-4:00 PM BREAK and EXHIBITS

ENJOY THE EXHIBITS IN EXHIBIT HALL!

Program Wednesday, April 13, 2005, continued

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

Managing Utilization of New Diagnostic Tests	Kent Lewandrowski
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Inappropriate utilization of laboratory testing has been estimated to range from 10% to 50% of total volume. In this paper, I will give my perspective on approaches to laboratory test utilization and offer specific examples of the initiatives we have implemented in our institution. The pathologist must use knowledge of medicine and laboratory science in conjunction with organizational and team building skills.

4:00-5:00 PM Track Two: Quality and Safety

Solving Everyday Quality Control Issues	Nils Person
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Many clinical laboratorians struggle from time to time with what to do about “out of range” QC results. Often, the frequency and seeming lack of cause for “out of range” results are due to QC ranges and rules that are based on some common misperceptions about statistical QC. Understanding these myths or misperceptions can make the use of statistical QC simpler and more efficient.

4:00-5:00 PM Track Three: Terrorism

Radiological Terrorism	David Drum
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Because the biological effects of radiation are so dramatically described in the print and visual media, the mass fear engendered by an event spreading radiation fits the terrorists’ needs perfectly. The two major devices considered are a conventional explosive mixed with radioactive material and a suitcase nuclear bomb. The former adds minimally to the healthcare challenges of Oklahoma City, but the latter creates unprecedented hazards, both near and far.

4:00-5:00 PM Track Four: New Technologies and Analytes

One Well, One Hundred Tests, Really?	Vincent Ricchiuti
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The XMAP (Multiple Analyte Particle) technology delivers the power of liquid microarray multiplexing to research and clinical laboratories. By multiplexing up to 100 assays in a single well using a drop of blood, the Luminex 100 can increase dramatically the amount of information generated from precious samples, saving user time, labor and reagents. This technology is the ultimate research tool to maximize productivity.

5:00 – 6:00PM Wine and Cheese Reception – All are welcome to attend!

Relax and network with your colleagues and visit the exhibits!

Program Wednesday, April 13, 2005, continued

6:00 - 9:00PM Evening Session - Dinner and Lecture - *Pre-Registration Required*

“Where’s the Humor in Extreme Makeover?” Jody Urquhart

Humor helps. The ability to laugh at life helps one deal with daily disappointments and setbacks. Humor gives professionals the nerve to serve in a complex and challenging environment. Join us as we build a convincing case that humor helps you stay in control and maintain balance and perspective.



Jody’s signature column, “The Joy of Work”, is published in over 65 magazines. She is a professional speaker in the healthcare field, making as many as 50 presentations annually. Her book, “All Work and No Say”, addresses feelings that challenge many laboratorians daily. Check the website at www.idoinspire.com for lots of useful articles.

Program Thursday April 14, 2005

8:00 – 5:00 PM CAP Inspector Training Course (all day)

College of American Pathologists Laboratory Inspector Training

Seminar Objectives:

- Identify inspector roles and responsibilities,
- Prepare and perform an inspection using all resources available from CAP,
- Use generally accepted techniques to produce consistent inspection findings,
- Compare laboratory practices to CAP requirements and document findings,
- Perform a fair inspection by applying the philosophies of peer review and education.

Seminar attendees will discover how to interpret requirements with consistency, enhance assessment of skills, expand knowledge of methods of compliance, clearly communicate areas for improvement, and correctly complete CAP inspection documents.

The seminar is offered to CAP fellows, pathology residents, medical technologists and other clinical laboratory professionals. It will prepare participants to take an active role as an inspection team leader or team member.

The morning session provides information on the overall inspection process. Lunch will be at 12:00. The afternoon consists of three discipline-specific breakout sessions, focusing on the unique inspection needs of the individual sections of the laboratory.

To register, visit www.cap.org, click on the **Education** icon, then click on **View course catalog**, or contact CAP Education at 800-323-4040 Ext. 7525. On-site registration begins at 7:00 AM.

7.5 CME/CE credit hours (laboratory personnel licensed in Florida will be awarded 7.0 CE credit hours).

8:30 – 9:30 AM Track Five: Management II

End of the Silo Mentality: Breaking with the Past

Charles Arkin

The ongoing reorganization and restructuring efforts at the clinical laboratories of the Lahey Clinic will serve as a springboard to discuss the many changes that have occurred in the field of Laboratory Medicine over the past decade. This presentation will examine how laboratories have learned to deal with the various scientific, technologic, legislative and reimbursement issues of the times and what they will likely face in the future.

8:30 - 9:30 AM Track Six: Automation

Experiences at Automation, Part 1

Bill Ottinger & David Morris

These speakers and those that follow will present their experiences with partial automation unique to their institutions.

Program Thursday April 14, 2005, continued

8:30 – 9:30 AM Track Seven: Medical Progress

Serum Tumor Markers

Timothy Gilligan

PSA, hCG, and AFP are widely useful, well-studied, readily measured serum tumor markers. Each is chemically heterogeneous, and this requires careful attention to choice of analytical methods and appreciation of appropriate quality control measures and pre-analytical variables.

9:30 – 10:30 AM BREAK and EXHIBITS

ENJOY THE EXHIBITS IN EXHIBIT HALL!

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

Laboratory Staffing: Regional Perspectives & Strategies

**Roberta Teixeira, Donna MacMillan
& Denise J. Fiore**

This session tracks progress made since last year in educating and informing the public of the laboratory's role in healthcare and of laboratory career opportunities. A model that encompasses the whole spectrum of potential lab employees: middle school, high school, college students and adults re-entering the workforce, is discussed. Useful tools for enhancing staffing that laboratory managers can employ are described.

10:30 – 12:00 PM Track Six: Automation

Experiences with Automation, Part 2

**Barbarajean Magnani, Gary
Horowitz, & Jim Nichols**

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: Medical Progress

Biomarkers of Nephropathy

Joseph Bonventre

Diabetes type 2 is the leading cause of end-stage renal disease in the U.S. and accounts for about 40% of all patients who begin dialysis. Perhaps 11 % of U.S. adults have chronic kidney disease. Medical programs to manage the nephropathy are partly effective, but earlier detection with new markers should have a major beneficial impact.

12:00 – 1:30PM – LUNCH and EXHIBIT HALL

PLEASE VISIT OUR EXHIBITORS!

Program Thursday April 14, 2005, continued

1:30 – 2:30 PM Track Six: Automation

Streamlining the Lab Without Automation

Tim Skelton

High complexity in a laboratory's specimen receiving, processing, and delivery processes can create management challenges. Recognition that front-end complexity may be a symptom of insular management of the different laboratory sections offers the opportunity to simplify rather than automate the lab. Success of this approach is dependent upon replacing autonomous lab sections with an integrated decision-making process that values clinical efficiency.

1:30 – 2:30 PM Track Six: Quality in Testing

Diabetes type 2: Clinical Management

Ronald Arky

Type 2 Diabetes is nearing epidemic proportions because there are more older Americans, a greater prevalence of obesity, and, frequently, sedentary lifestyles. Complications cause profound morbidity and mortality. Diabetes type 2 results from insulin resistance in multiple tissues and an inability to produce enough insulin to overcome this resistance. Therapy should address all these issues.

2:30 – 3:30 PM Track Six: Automation

Process Improvements Using Industrial-Grade Lab Automation

Ralph Ito

Industrial automation principles used to manufacture consumer products such as cell phones and high-speed disk drives have been introduced to the clinical laboratory for patient sample analysis. These principles demand that hardware and software supply robust, reliable, and accurate high-speed processing, while providing the user with real-time interactive capabilities, extensive walk-away time, and complete audit trail data tracking for process control. These systems are designed to be modular and flexible enough to meet the needs of a clinical laboratory.

2:30 – 3:30 PM Track Seven: Medical Progress

Obesity and Cardiac Disease

Shari Bassuk

The prevalence of obesity has increased dramatically in recent years. Although viewed more as a cosmetic rather than a health concern by the general public and some healthcare professionals, excess weight is a major risk factor for chronic disease. This talk reviews recent epidemiologic research regarding the impact of overweight and obesity on premature mortality, cardiovascular disease, type 2 diabetes, and related conditions

3:30 PM – 5:00 PM BREAK

ENJOY SEEING THE EXHIBITS TAKEN DOWN

WEDNESDAY, APRIL 13, 2005		
TIME	TRACK	EDUCATIONAL SESSION
7:30-8:30am	REGISTRATION	
8:30-9:30am	Management I	Benchmarking Labor Productivity: Paul D. Camara
8:30-9:30am	Safety and Quality	Avoiding Phlebotomy-related Lawsuits: Dennis J. Ernst
8:30-9:30am	Terrorism	Organization & Training of First Responders to Terrorism: David Ladd
8:30-9:30am	New Technologies & Analytes	BioChip, A Microfluidic Device for Doing Self-Contained Immuno-assays: George Parsons
9:30-10:30am	BREAK - ENJOY THE EXHIBITS!	
10:30-12:00pm	Management I	Benchmarking, continued: Paul D. Camara
10:30-12:00pm	Safety and Quality	Eliminating Preanalytical Errors in Specimen Collection: Dennis J. Ernst
10:30-12:00pm	Terrorism	Bioterrorism- What We've Learned & How We've Changed: Cheryl Gauthier, Tara Doran, and Lori Cavaleri
10:30-12:00pm	New Technologies & Analytes	Stable Isotope Methods for Clinical Analysis: Gregory Dolnikowski
12:00-1:30pm	LUNCH - ENJOY THE EXHIBITS!	
1:30-3:30pm	Management I	Linking Connectivity to New Heights - LabNet Model for Success: Mike McGowan
1:30-2:30pm	Safety and Quality	Managing Risk in Hospitals: Jan S. Krouwer
2:30-3:30pm	Safety and Quality	Improving Quality Mangement & Achieving Compliance: Kirsten Cowan & Jerry Seibert
1:30-3:30pm	Terrorism	Chemical Terrorism Response Preparedness: Jonathan Burstein, Caley P. Heckman, & Paul Jankauskas
1:30-2:30pm	New Technologies & Analytes	New Biomarkers for Pre-Eclampsia: Ravi Thadhani
3:30-4:00pm	BREAK - ENJOY THE EXHIBITS!	
4:00-5:00 pm	Management I	Managing Utilization of New Diagnostic Tests: Kent Lewandrowski
4:00-5:00 pm	Safety and Quality	Dealing with the Myths of Quality Control: Nils Person
4:00-5:00 pm	Terrorism	Radiological Terrorism: David E. Drum
4:00-5:00 pm	New Technologies & Analytes	One Well, One Hundred Tests, Really?: Vincent Ricchiuti
5:00-6:00pm	Complimentary Wine and Cheese Reception - all are cordially invited to attend.	
6:00-9:00pm	Dinner Meeting	Where's the Humor in Extreme Makeover? Jody Urquhart

THURSDAY, APRIL 14, 2005		
TIME	TRACK	EDUCATIONAL SESSION
7:00-8:30am	REGISTRATION	
8:00am-5:00pm	CAP Inspector Training	ALL DAY- CAP Laboratory Inspector Training
8:30-9:30am	Management II	End of the Silo Mentality - Breaking with the Past: Charles Arkin
8:30-9:30am	Automation	Experiences with Automation Symposium, part 1: Bill Ottinger and David Morris
8:30-9:30am	Medical Progress	Serum Tumor Markers: Timothy Gilligan
9:30-10:30am	BREAK - ENJOY THE EXHIBITS!	
10:30-12:00pm	Management II	Laboratory Staffing - Regional Perspectives & Strategies: Roberta Teixeira, Donna MacMillan, and Denise J. Fiore
10:30-12:00 pm	Automation	Experiences with Automation Symposium, part 2: Barbarajean Magnani, Gary Horowitz, Jim Nichols
10:30-12:00pm	Medical Progress	Biomarkers of Nephropathy: Joseph Bonventre
12:00-1:30pm	LUNCH - ENJOY THE EXHIBITS!	
1:30-2:30pm	Automation	Streamlining the Lab Without Automation: Tim Skelton
1:30-2:30pm	Medical Progress	Diabetes Type 2 - Clinical Management: Ronald Arky
2:30-3:30pm	Automation	Process Improvements Using Industrial-Grade Laboratory Automation: Ralph Ito
2:30-3:30 pm	Medical Progress	Obesity and Cardiac Disease: Shari Bassuk
3:30-5:00pm	BREAK - ENJOY SEEING THE EXHIBITS BEING TAKEN DOWN!	

BIOGRAPHIES - Northeast Region Conference 2005

Wednesday, April 13th Program:

Management I

Paul D. Camara, MS, is a Vice President with Applied Management Systems, Burlington, MA. Prior to joining AMS, he was Director of Laboratories at South Shore Hospital and at Roger Williams Medical Center.

Mike McGowan, MT(ASCP), is Laboratory Director, Marietta Memorial Hospital, Marietta, OH, and President-Elect, LabNet of Ohio.

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

Terrorism

David Ladd, is Director of Hazmat Material Responses and Training Director, Massachusetts Department of Fire Services.

Cheryl Gathier, MA, MT(ASCP), is Director, Bioterrorism Response Laboratory, Mass. Department of Public Health.

Tara Doran, BS, is Bacteriologist, Bioterrorism Response Laboratory, Mass. Department of Public Health.

Lori Cavaleri, BS, CVT, is LRN Laboratory Coordinator, Mass. Department of Public Health.

Jonathan Burstein, MD, is Medical Director, Emergency Preparedness Program, Mass. Department of Public Health.

Caley P. Heckman, BS, is Assistant Coordinator, Chemical Terrorism Response Laboratory, Mass. Department of Public Health.

Paul Jankauskas, MS, MPA, is Coordinator, Chemical Terrorism Response Laboratory, Mass. Department of Public Health.

David E. Drum, MD, PhD, is Associate Professor of Radiology (Nuclear Medicine), Harvard Medical School, and Staff Physician in Nuclear Medicine, Boston VA Healthcare System.

Quality and Safety

Dennis J. Urnst, MT(ASCP), is Director of the Center for Phlebotomy Education, Ramsay, IN. He is the editor of Phlebotomy Today, an e-mail newsletter, and the Coordinator of the Coalition for Phlebotomy Standards.

Jan S. Krouwer, PhD, is a statistician, principal in Krouwer Consulting, and author of the 2004 book, "Managing Risks in Hospitals".

Jerry H. Seibert, MA, is Vice-President, Sales and Marketing, SoftTech Health. He is author of over 20 publications and has presented numerous lectures on patient safety and satisfaction.

Kirsten Cowan, is Senior Account Manager/Client Services for SoftTech Health.

Nils Person, PhD, DABCC, is Technical Director, Clinical Education and Support, DPC Instrument Systems Division.

New Technologies and Analytes

George Parsons, PhD, is Director of Business Development, Future Diagnostics, Arlington, MA.

Gregory G. Dolnikowski, PhD, is Laboratory Director, Mass Spectrometry, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University.

Ravi Thadhani, MD MPH is Director of Clinical Research in Nephrology at Massachusetts General Hospital, Assistant Director of the Clinical Research Division at Massachusetts Institute of Technology, and Assistant Professor of Medicine at Harvard Medical School.

BIOGRAPHIES - Northeast Region Conference 2005 continued

Vincent Ricchiuti, MD is Technical Director, NIH GCRC Core Laboratory at Brigham and Women's Hospital and Instructor in Medicine at Harvard Medical School.

Thursday, April 14th Program:

Management II

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.

Charles F. Arkin, MD, is Chairman, Department of Laboratory Medicine, The Lahey Clinic Medical Center, and Professor of Pathology Emeritus of Boston University School of Medicine.

Automation

William Ottinger, PhD, DABCC, is Technical Director at Quest Diagnostics, Cambridge, MA.

David J. Morris, MA, D Phil, is Director of Clinical Biochemistry and Clinical Immunology at Lifespan AMC Pathology Laboratories and Professor of Pathology at Brown University School of Medicine, Providence, RI.

Barbarajean Magnani, PhD, MD, is Director of Clinical Chemistry, Acting Chief of the Department of Laboratory Medicine at Boston Medical Center, and Associate Professor of Pathology and Laboratory Medicine at Boston University School of Medicine.

Gary L. Horowitz, MD, is Director of Clinical Chemistry and the Point-of-Care Testing Program at Beth Israel/Deaconess Medical Center and Associate Professor of Pathology at Harvard Medical School.

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

Timothy P. Skelton, MD, PhD, is Medical Director of the Core Laboratory, Department of Laboratory Medicine, at Lahey Clinic Medical Center, Burlington, MA.

Ralph K. Ito, PhD, MCLS, is Senior Director of Diagnostic Systems and Market Support at Protedyne Corporation, Windsor, CT.

Medical Progress

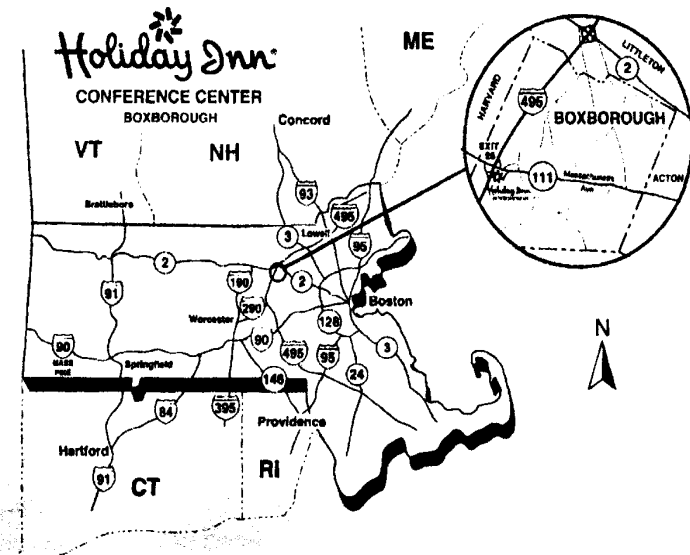
Timothy Gilligan, is Instructor in Medicine, Brigham and Women's Hospital and Harvard Medical School, and a Urological Oncologist at Dana Farber Cancer Institute.

Joseph V. Bonventre, MD PhD is Robert H. Ebert Professor of Medicine and Health Sciences and Technology at Harvard Medical School, and Master of the Harvard-MIT Division of Health Sciences.

Ronald A. Arky, MD is Charles S. Davidson Distinguished Professor of Medicine at Harvard Medical School, Master of the Francis Weld Peabody Society, and a Physician at the Beth Israel/Deaconess Medical Center.

Shari Bassuk, PhD is Research Associate in Medicine at Brigham and Women's Hospital and at Harvard Medical School.

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 or double, \$116 for triple occupancy, and \$126 for quadruple occupancy until March 21, 2005.

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)

Abbott Laboratories
Atlas Medical Software
Dade Behring, Inc.
DiagnosisONE
Diagnostica Stago
Diagnostic Products Corporation
Electronic Imaging Materials
Eppendorf
Globe Focus Marketing
Higgins Office Products
IRIS
High Technology, Inc.
Mayo
Ortho
Tripath
WEB MD
UMASS Memorial Reference Laboratories

CLMA
AACC
CLAS

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

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

The Convention Organizers:

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

**EIGHTEENTH ANNUAL NORTHEAST REGION CONFERENCE
REGISTRATION FORM – APRIL 13TH & 14TH, 2005**

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, 2005 – DEDUCT \$5 FROM TOTAL** \$ _____

Evening Session Wednesday, April 13, 2005: full turkey Dinner and Lecture included (\$25)
 (If you wish a vegetarian alternative, please pre-arrange it with the hotel.) \$ _____
****Pre-registration required for Evening Session****

“Where’s the Humor in Extreme Makeover?” – Jody Urquhart

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.**

The College of American Pathologists (CAP): is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. For information regarding specific credit designation, please see the individual activity. The CAP Training program is acceptable to meet the continuing education requirements for the ASCP Board of Registry Continuing Competence Recognition Program.