

Program Tuesday April 15, 2008

NOTE: Available speaker handouts are on the NERCE website (www.nerce.org).
Please download PRIOR to the meeting.

9:00 – 10:00 AM Track One: Management

Update on the State of Laboratory Medicine

JoAnne Milbourn, MS, MT(ASCP), MBA, President CLMA



Sponsored by Local Chapters of CLMA

Management within the field of laboratory medicine requires more than attention to every day operations. Effective leadership dictates that we also keep a focus on the future in order to best prepare to manage the operations of tomorrow. This presentation will identify key trends impacting laboratory medicine including consumerism, technology, information systems and quality systems.

9:00 – 10:00 AM Track Two: Changes in Testing

From Blood Gas to Critical Care Analyzers: Past and Future Opportunities for Menu Expansion

Paul D’Orazio, PhD, R&D Director, Instrumentation Laboratory

This presentation will review the development of the early 3-channel blood gas analyzers of the 1960s to the multi-analyte critical care analyzers of today. Basic technologies including electrochemistry, spectrophotometry, biosensors, and their applications to critical care analysis will be reviewed. Future opportunities for menu expansion from the point of view of technologies and formats for integration into existing critical care platforms will be presented.

9:00 – 10:00 AM Track Three: Laboratory Outreach

Emerging Infections in New England – The role that Your Lab Plays in Helping Prevent Them

Mary Gilchrist, Ph. D. D(ABMM), Director, State Laboratory Institute, Boston MA

Fascinating challenges in infectious diseases continue to emerge in New England. 1. Children dissecting owl "pellets" in science class are infected with Salmonella. 2. E. coli 0157 outbreaks occur and are stopped when the foodstuff is taken off the shelf. 3. Listeria in milk is responsible for the death of three adults and one spontaneous abortion. The laboratories of the New England states all contribute to preventing larger outbreaks and save many lives. This talk will describe these outbreaks and how clinical laboratorians are also public health heroes.

Program Tuesday April 15, 2008, continued

9:00 – 10:00 AM Track Four: Emerging Technologies

Methicillin-Resistant Staphylococcus aureus (MRSA) Testing

Gyorgy Abel, MD, PhD. DABCC, Medical Director Clinical Immunology and Molecular Diagnostics Laboratories at Lahey Clinic Medical Center

The recent emergence of multidrug-resistant bacteria, especially Methicillin Resistant Staphylococcus aureus (MRSA) is causing considerable public health concerns because this pathogen can cause fatal infections. MRSA is an important pathogen responsible for both hospital and community-acquired infections. The increasing numbers of MRSA infections also translate into significant increase in health care costs. Accurate susceptibility testing of S. aureus isolates and screening of patients for colonization with MRSA are important tools to limit the spread of this pathogen. The objectives of this presentation are to: 1) Understand the clinical significance and economical consequences of MRSA infection. 2) Learn about the available approaches to diagnose MRSA, including rapid molecular testing. 3) Learn about the strategies of MRSA testing and how to determine which technology is the best for your laboratory.

9:00 – 10:00 AM Workshop

Automating Urinalysis

Michele Hollingsworth, MS, MT(ASCP), CLS(NCA), Clinical Support and Training Manager at Iris Diagnostics

This workshop will address the benefits of automating urinalysis. It will address systems to replace manual urine microscopy and urine dipstick chemistry. Expected and unexpected advantages of automated urinalysis will be identified.

***10:00 – 11:00 AM BREAK SPONSORED BY
THERMOFISHER SCIENTIFIC***

ENJOY THE EXHIBITS IN THE EXHIBIT HALL!

11:00 – 12:00 PM Track One: Management

Legislative and Regulatory Update

Jeff Boothe, Partner, Holland & Knight LLP, Washington DC

This session will discuss what transpired during the first session of Congress, what is expected to occur in 2008, and regulatory actions taken by CMS, such as the competitive bidding demonstration, that directly impact clinical laboratories.

Program Tuesday April 15, 2008, continued

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11:00 – 12:00 PM Track Two: Changes in Testing

Implementing Cardiac Markers POCT

James H. Nichols, Ph.D., DABCC, FACB, Associate Professor of Pathology, Tufts University School of Medicine Medical Director, Clinical Chemistry, Baystate Health

Myocardial infarction and congestive heart failure are among the most common emergency room visits that require rapid turnaround of cardiac markers. However, there are technical differences among different manufacturers and assays. This presentation will review the National Academy of Clinical Biochemistry Laboratory Medicine Practice Guidelines related to cardiac markers and point of care testing focusing on two assays, troponin and natriuretic peptides. Practical options will be discussed for meeting clinical turnaround times using either POCT or core laboratory testing.

11:00 – 12:00 PM Track Three: Laboratory Outreach

Improved Patient Satisfaction Through Open Staff Engagement

Robert Page, Director of Laboratory and Surgical Pathology, Newton-Wellesley Hospital

The laboratory, because of its fast paced atmosphere and quality requirements, can be a very stressful environment in which to work. This presentation will review some of the best practices Newton-Wellesley Hospital Laboratory has adopted to improve upon staff engagement and the positive effect it has had on patient satisfaction levels.

11:00 – 12:00 PM Track Four: Emerging Technologies

Biomarker and Tumor Marker Development

Martin Fleisher, PhD, Chairman of the Department of Clinical Laboratories and Chief of the Clinical Chemistry Service at the Sloan-Kettering Cancer Center. President of CLAS

Sponsored by Nova Biomedical



The use of biomarkers and tumor markers can help clinicians assess the progression or recurrence of a cancer. Biomarkers can be used to provide indirect information about genes that control the growth or death of cancer cells. This is especially important with the use of newly discovered drugs that are capable of attacking cancers based on gene function. This presentation will provide the technical background for understanding the difficulty in developing and validating new analytical tools that are used to detect and predict cancer growth and death.

Program Tuesday April 15, 2008, continued

11:00 – 12:00 PM Workshop

Flow Cytometric Techniques in Assessing Clonality in T-Cell Large Granular Lymphocyte Leukemia.

Eric J. Burks, MD, Hematopathologist, Lahey Clinic

This workshop will explain the utility of CD27 and CD28 as surrogate markers of T-Cell clonality in LGL Leukemia, explain the limitation of assessing clonality based on pan T-Cell antigen (CD5 & CD7) loss and discuss the practical utility of using Vb antibody repertoire kits for assessing T-Cell clonality in routine practice.

*12:00 – 2:00PM - LUNCH
SPONSORED BY LABCORP*

PLEASE VISIT OUR EXHIBITORS!

Please visit our web site for latest updates to the program,
exhibitors and sponsors

www.nerce.org

Program Tuesday, April 15, 2008, continued

2:00 – 3:00 PM Track One: Management

Am I Profitable? Defining and Using Metrics to Assess Lab Outreach Profitability

Paul D. Camara, MS, Vice President, Clinical Consulting, Applied Management Systems

The future of your outreach program rises or falls based upon its financial profitability. Do you know yours? Mr. Camara will describe and define the metrics required to assess profitability, discuss the essential characteristics of successful outreach programs, and leave attendees with quantitative tools to forecast how profitable your next account will be.

2:00 – 3:00 PM Track Two: Changes In Testing

POCT: Update 2008

Barbara Goldsmith, PhD, Vice President of Laboratory Services for Caritas Christi Health Care, a six hospital system in Boston, Massachusetts.
President Elect AACC



Sponsored by Beckman Coulter

Providing rapid test results through Point-of-Care Testing (POCT) may improve patient outcomes by providing earlier diagnosis and treatment if those results are acted upon in a timely manner. The growth and applications of POCT has expanded, particularly in the areas of cardiac markers, coagulation, and the use of glucose testing (e.g. tight glycemic control). Non-invasive technologies have been introduced, and have challenged the notion of what is and what is not considered a laboratory test and by extrapolation what should and should not be overseen by the laboratory (e.g. non-invasive bilirubin testing). The laboratory plays an important role in educating those who use POCT about the appropriate use of these tests, their limitations, potential errors and ways to mitigate errors. This presentation will review POCT applications and highlight examples of recently published guidelines covering evidence-based practice for POCT.

2:00 – 3:00 PM Track Three: Laboratory Outreach

Integrating Clinical Data with an Electronic Health Record

Pamela F. May RM (AAM) MPH, Corporate Team Lead - Clinical Systems, Partners HealthCare System, Inc

This presentation will explore the current methods employed to integrate discrete clinical results, clinical reports and images into a comprehensive Electronic Health Record (EHR). It will address some of the challenges and solutions experienced with the Clinical Data Repository at Partners Healthcare Systems Integrated and its own EHR

Program Tuesday, April 15, 2008, continued

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2:00 – 3:00 PM Track Four: Emerging Technologies

Automation for the Community Hospital

Salvatore L. Perla MS, MT(ASCP), CLS(NCA), Vice President, Clinical and Support Services, Milford Regional Medical Center

The trials and tribulations of installing automation in a community hospital from beginning to end will be discussed.

2:00 – 3:00 PM Workshop

Elevating the Importance of the Laboratory in the Face of Healthcare Changes

Debbie Low, MT(ASCP)SH, Account Manager Sysmex America

A discussion of Health Care Reimbursement (CMS and other Insurers) changes and the increased dependence on laboratory testing to keep up with those changes.

3:00 – 3:30 PM BREAK

ENJOY THE EXHIBITS IN THE EXHIBIT HALL!

Program Tuesday, April 15, 2008, continued

NOTE: Available speaker handouts are on the NERCE website (www.nerce.org).
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3:30 – 4:30 PM Track One: Management

Defining, Assessing and Improving Your Laboratory's Productivity
Paul D. Camara, MS, Vice President, Clinical Consulting, Applied
Management Systems

Using data and experience from numerous clinical and anatomic pathology benchmarking studies, combined with information from the recent literature, Mr. Camara will discuss how to best define clinical lab staffing benchmarks, how to accurately calculate your laboratory's overall and sectional productivity, and how to interpret and use the results to improve your performance. He will discuss which parameters to include and which to exclude, how the characteristics of high performing labs compare to others, and how to move your lab to the next level of performance.

3:30 – 4:30 PM Track Two: Changes in Testing

Vitamin D Analysis by Tandem Mass Spectrometry
Lynn Cheryk, PhD, DABCC, FACB, Laboratory Director of Mayo Medical
Laboratories New England

Discussion of the clinical and analytical significance of vitamin D testing.

3:30 – 4:30 PM Track Three: Laboratory Outreach

Pharmacology in the Clinical Setting
Frank A. Fornari, Ph.D., Chief Executive Officer at Dominion
Diagnostics, LLC, North Kingstown, RI

Attendees will learn how the diagnostics industry works as it pertains to Clinical Pharmacology and also the importance of objectifying pharmacotherapy by using laboratory diagnostics

3:30 – 4:30 PM Track Four: Emerging Technologies

Role of the Transfusion Service in Cell and Transfusion Management
Rick Kaufman, MD, Assistant Professor of Pathology, Harvard Medical
School and Blood Bank director at Brigham and Women's Hospital

This lecture will review the potential role for the Blood Bank in helping to manage cellular and tissue products for their institution. What expertise / processes / equipment can be transferred from Blood Bank to other departments? As well as examples of how a Blood Bank can take a leadership role in this newly regulated area.

3:30 – 4:30 PM Workshop

The Current State of Respiratory Diagnosis
Norman Moore, PhD, Director of Clinical Affairs at Inverness Medical
Innovations

This talk will cover the ATS guidelines on what diagnostics are needed for pneumonia and then discuss current and future tests to meet these guidelines.

Program Tuesday, April 15, 2008, continued

Raffle Drawing
In the exhibit hall following the last session of the day
You must be present to win!

4:30 – 6:00 PM Wine and Cheese Reception

Meet and Greet the Presidents



CLMA President – Mrs. JoAnne Milbourn
CLAS President – Dr. Martin Fleisher
AACC President elect – Dr. Barbara Goldsmith

**SPONSORED BY HIGH TECHNOLOGY INC., BECKMAN
COULTER, ARTEL, ADVANCE NEWSMAGAZINES AND
CLINICAL LABORATORY PRODUCTS**

All are welcome to attend!

Relax and network with your colleagues.

6:00 – 8:00 PM Dinner and Lecture with Dr. Michael Bourke
SPONSORED BY MAYO MEDICAL LABORATORIES

****Pre-registration is required****

Forensic Applications of DNA Technology

The speaker will outline the techniques used to generate the DNA profile, interpreting DNA profiles, and comparison to any known DNA profiles in the case to determine who could be the source of the DNA profiles. The talk will also cover the non human uses of forensic DNA. Through-out the talk actual case work will be presented and discussed.

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

Program Wednesday April 16, 2008

9:00 – 10:00 AM Track Five: Management

Billing Compliance

Donna MacMillan, BSMT (ASCP), MBA, Director of Operations for the Department of Pathology, Massachusetts General Hospital

This discussion will help attendees understand the types of billing systems, requirements for submitting a claim and fundamental billing compliance.

9:00 – 10:00 AM Track Six: Changes in Testing

Cardiac Markers

James Januzzi Jr, MD, FACC, Associate Professor of Medicine, Harvard Medical School and Director of the Cardiac Intensive Care Unit, Massachusetts General Hospital

This presentation will provide an understanding of the new data regarding high sensitivity troponins in cardiology. Also included will be an up to date review of the role of natriuretic peptides in modern medicine.

9:00 – 10:00 AM Track Seven: Laboratory Outreach

Stem Cell Biology: Medical Application and Ethical Debate

M. William Lensch, Ph.D., Instructor in Pediatrics, Department of Pediatrics, Harvard Medical School and Affiliated Faculty, Harvard Stem Cell Institutes

This presentation will summarize over 400 years of scientific advancement in the area of stem cell biology, comment upon current and future medical uses of stem cells, and conclude by highlighting the ethical questions raised by stem cell research of all types.

9:00 – 10:00 AM Track Eight: Emerging Technologies

High Throughput Proteomics

Heidi Rehm, PhD, FACMG, Associate Molecular Geneticist Department of Pathology, Brigham and Women's Hospital and Center for Genetics and Genomics, Harvard Medical School and Partners Healthcare System

This presentation will discuss the application of GeneChips for use in molecular genetic testing as well as the analytical performance parameters and experience in routine use of the HCM CardioChip, which resequences over 22,000 bases of DNA.

SPECIAL FULL DAY WORKSHOP ON PHLEBOTOMY

9:00 – 10:00 AM Workshop

Do Your Standards Reflect THE Standards?

Nancy Erickson, PBT(ASCP), Owner/Educator of Phlebotomy Education Inc. and Director of the Certification Preparedness Agency

Understanding the CLSI standards for venipuncture and skin puncture and provide parameters necessary to protect patient and employee from potential risks, are the goals of this discussion.

Program Wednesday, April 16, 2008, continued

10:00 – 11:00 AM BREAK

ENJOY THE EXHIBITS IN THE EXHIBIT HALL!

11:00 – 12:00 PM Track Five: Management

CAP – New Directions in LAP

Desiree A. Carlson, MD, Chief of Pathology and President of the Brockton Hospital Medical Staff.

This session will focus on the mission of the CAP Laboratory Accreditation Program and will highlight recent changes to the LAP program and inspection checklists. Topics will include an overview of the LAP initiatives, role of lab personnel in the accreditation process, and an update on unannounced inspections. The checklist changes emphasize the CAP patient safety goal, as well as new requirements for telepathology, document control, built-in controls and competency assessment.

11:00 – 12:00 PM Track Six: Changes in Testing

Selecting Automation for Clinical Laboratories

Petr Jarolim, MD, PhD, Director, Clinical Chemistry, Brigham and Women's Hospital and Dana Farber Cancer Institute

This presentation outlines a process for evaluating and selecting automation systems for laboratories contemplating laboratory automation. It is based on our recent experience with evaluation of all major laboratory automation systems in the United States, including the formation of a committee, workflow analysis, submitting a request for proposal, site visits and making a final decision. We describe important considerations in automation design, pre-analytical processing, analyzer selection, post-analytical storage and retrieval and data management.

11:00 – 12:00 PM Track Seven: Laboratory Outreach

Building Laboratory Capacity In Africa

Marian Cavagnaro, MS, MT(ASCP) DLM, Director of Laboratory Services, Memorial Hospital West

The President's Emergency Program for AIDS Relief (PEPFAR) is an initiative to identify and treat people living with HIV/AIDS in resource poor countries. For two and a half years the American Society for Clinical Pathology (ASCP) members and staff have been involved in assessing needs then developing and presenting educational materials in PEPFAR countries, in Africa, through a cooperative agreement with Centers for Disease Control and Prevention's (CDC) Global Aids Program (GAP). This workshop will discuss the project's goals, design methods, development of training packages for laboratory testing essentials, and findings with training programs presented in hematology, chemistry, CD4, and laboratory management in several African countries. Personal experiences of training conducted in host countries of Ethiopia and Tanzania will be shared in an effort to support their building of laboratory capacity.

Program Wednesday, April 16, 2008, continued

11:00 – 12:00 PM Track Eight: Emerging Technologies

Molecular Imaging and Cardiac Markers

Ahmed Tawakol, M.D., Co-Director, CIMIT Cardiovascular Program, Co-Director, Cardiac MR-PET-CT Program, Associate Director, Nuclear Cardiology, Massachusetts General Hospital

The majority of myocardial infarctions (MI) and sudden cardiac death result from the rupture of plaques that, in most cases, did not cause flow limitations prior to the acute event. Despite the fact that stenosis severity has proven a poor predictor of plaque rupture, current modalities to diagnose coronary disease rely primarily on the detection of stenosis. Dr Tawakol's talk will discuss emerging diagnostic methods that measure non-structural (functional) characteristics of atherosclerotic plaques. A discussion of the implications of functional plaque characterization will be included.

11:00 – 12:00 PM Workshop

25 Mistakes Even the Best Phlebotomists Make

Nancy Erickson, PBT(ASCP), Owner/Educator of Phlebotomy Education Inc. and Director of the Certification Preparedness Agency

We will discuss common mistakes made during venipuncture and review the CLSI standards to keep medical professionals from making these mistakes.

***12:00 – 2:00PM – LUNCH
SPONSORED BY QUEST***

PLEASE VISIT OUR EXHIBITORS!

**Raffle Drawing
In the exhibit hall during lunch
You must be present to win!**

2:00 – 3:00 PM Track Five: Management

Recruitment and Retention

Mary Ellen Cortizas, PBT(ASCP), JD is Administrative Director of Laboratory Medicine at Children's Hospital Boston

Finding clinical laboratory staff continues to be a challenge for Clinical Laboratories, however keeping staff poses even more of an issue and receives less attention. This presentation focuses on methods for keeping staff up to and past the five year mark. Satisfaction surveys, career ladders, and staff empowerment will be included in this discussion.

Program Wednesday, April 16, 2008, continued

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2:00 – 3:00 PM Track Six: Changes in Testing

eGF and Creatinine Standardization

Lesley Stevens, MD, MS, Assistant Professor of Medicine, Tufts New England Medical Center

This presentation will discuss the centrality of eGFR to detection, evaluation and management of CKD. The impact of differences in creatinine assay calibration on accuracy of eGFR and the differences between original and re-expressed MDRD study equations will be explored.

2:00 – 3:00 PM Track Seven: Laboratory Outreach

The Real Deal with MRSA

Mark A. Neuman, PhD, ANMM, FAAM, Director Infectious Disease, Molecular Diagnosis & Immunology Division DSI Lab/LabCorp

The complexity and challenge of Methicillin Resistant *Staphylococcus aureus* (MRSA) continues to evolve, thus posing significant impact and concern in the healthcare setting and community at large from a clinical, public health, and economic perspective. This presentation entitled, “The Real Deal with MRSA”, is constructed to provide laboratorians, healthcare managers & administrators with an experienced perspective on the cogent issues critical to better understanding this important healthcare- and community-acquired pathogen (HA-MRSA, CA-MRSA).

2:00 – 3:00 PM Track Eight: Emerging Technologies

Body Fluid Analysis: A Morphologic Review

Marian Cavagnaro, MS, MT(ASCP) DLM, Director of Laboratory Services, Memorial Hospital West

This workshop is designed for the laboratory professional who performs routine microscopic examination of body fluids. A brief overview of basic anatomy and physiology, body fluid cell count and cytospin preparation will be followed by morphologic evaluation of normal and abnormal cells. Emphasis is placed on the identification of the cellular components in cerebrospinal, synovial, and serous fluids. The assessment of morphological differences in benign, reactive, and malignant body fluids is accomplished by viewing pictures of Wright’s-Giemsa cytospin preparations.

2:00 – 3:00 PM Workshop continued

Preventing Pre-Analytical Errors

Nancy Erickson, PBT(ASCP), Owner/Educator of Phlebotomy Education Inc. and Director of the Certification Preparedness Agency.

This presentation will review the importance of properly preparing for a suitable blood collection and discuss the application of CLSI standards to the medical professionals’ daily routine.

Program Wednesday, April 16, 2008, continued

3:00 – 4:00 PM Track Five: Management

Motivating Teams to Give Their Best - Motivational Skills for Laboratory Professionals

Ellen M Neiduski, Independent Consultant

This session will explore what motivates individuals to perform as individuals and as members of a team.

3:00 – 4:00 PM Track Six: Changes in Testing

Quality Control for Today's High Throughput Chemistry Analyzers

Tim Skelton, MD, PhD, Hematology Laboratory Director at Massachusetts General Hospital

This presentation will consider alternative approaches to Quality Control that are statistically valid, regulation compliant, and practical for large test menu chemistry analyzers.

3:00 – 4:00 PM Track Seven: Laboratory Outreach

The Managers Greatest Challenge – Giving Feedback, How to Skillfully Address Positive and Negative Performance Issues

Del Gilbert, Chief Learning Officer at St. Joseph Healthcare

Great leaders are great at giving feedback. In this session you will learn how to give informal recognition in a way that increases employee loyalty and promotes even higher levels of performance. In addition, you will learn how to skillfully and confidently address performance issues which result in positive behavior change.

3:00 – 4:00 PM Track Eight: Emerging Technologies

Right Tests – Right Now: Blood Testing for Informed Treatment of Critically Ill Patients

Terry Shirey, Ph.D., DABCC, Clinical Biochemist at Nova Biomedical

Identifies a core profile of Chemistry Testing and its application in specific clinical settings

3:00 – 4:00 PM Workshop Continued

Lawsuits Happen: How to Avoid the Painful and Costly Experience

Nancy Erickson, PBT(ASCP), Owner/Educator of Phlebotomy Education Inc. and Director of the Certification Preparedness Agency

We will discuss performance parameters of routine venipuncture and summarize facts from actual lawsuits and how to protect everyone from injury.

We hope you enjoyed the Conference and Exhibits

See you in April 2009 for our 23rd Annual Meeting

Have a Safe Trip Home!

TUESDAY, APRIL 15, 2008		
TIME	TRACK	EDUCATIONAL SESSION
8:00-9:00am	REGISTRATION	
9:00-10:00am	Management	Update of State of Laboratory Medicine, JoAnne Milbourn
9:00-10:00am	Changes in Testing	From Blood Gas to Critical Care Analyzers: Past and Future Opportunities for Menu Expansion, Paul D'Orazio, PhD
9:00-10:00am	Laboratory Outreach	Emerging infections in New England - The Role that Your Lab Plays in Helping Prevent Them, Mary Gilchrist, PhD
9:00-10:00am	Emerging Technologies	Methicillin-Resistant Staphylococcus aureus (MRSA) Testing , Gyorgy Abel, MD, PhD
9:00-10:00am	Workshop	Automating Urinalysis, Michele Hollingsworth
10:00-11:00am	BREAK - ENJOY THE EXHIBITS!	
11:00-12:00pm	Management	Regulatory Update, Jeff Booth
11:00-12:00pm	Changes in Testing	Implementing Cardiac Markers POCT, James Nichols, PhD
11:00-12:00pm	Laboratory Outreach	Improved Patient Satisfaction Through Open Staff Engagement, Robert Page
11:00-12:00pm	Emerging Technologies	Biomarker and Tumor Marker Development, Martin Fleisher, PhD
11:00-12:00pm	Workshop	Flow Cytometric Techniques in Assessing Clonality in T-Cell Large Granular Lymphocyte Leukemia, Eric J. Burks, MD
12:00-2:00pm	LUNCH - ENJOY THE EXHIBITS!	
2:00-3:00pm	Management	Am I Profitable? Defining and Using Metrics to Assess Lab Outreach Profitability, Paul D. Camara
2:00-3:00pm	Changes in Testing	POCT: Update 2008, Barbara Goldsmith, PhD
2:00-3:00pm	Laboratory Outreach	Integrating Clinical Data with an Electronic Health Record, Pamela May
2:00-3:00pm	Emerging Technologies	Automation for the Community Hospital, Salvatore Perla
2:00-3:00pm	Workshop	Elevating the Importance of the Laboratory in the Face of Healthcare Changes, Debbie Low
3:00-3:30pm	BREAK - ENJOY THE EXHIBITS!	
3:30-4:30pm	Management	Defining, Assessing and Improving Your Laboratory's Productivity, Paul D. Camara
3:30-4:30pm	Changes in Testing	Vitamin D Analysis by Tandem Mass Spectrometry, Lynn Cheryk, PhD
3:30-4:30pm	Laboratory Outreach	Pharmacology in the Clinical Setting, Frank Fornari, PhD
3:30-4:30pm	Emerging Technologies	Role of the Transfusion Service in Cell and Tissue Management, Rick Kaufman, MD
3:30-4:30pm	Workshop	The Current State of Respiratory Diagnosis, Norman Moore, PhD
4:30-6:00pm	Complimentary Wine and Cheese Reception sponsored by High Technology Inc., Beckman Coulter, Artel and Advance Newsmagazines. All are cordially invited to attend and meet the Presidents.	
6:00-8:00pm	Dinner and Lecture with Dr Michael Bourke "Forensic Applications of DNA Technology" (Pre-Registration required)	

Full speaker biographies are available on our website (www.nerce.org)

WEDNESDAY, APRIL 16, 2008		
TIME	TRACK	EDUCATIONAL SESSION
8:00-9:00am	REGISTRATION	
9:00-10:00am	Management	Billing Compliance, Donna MacMillan
9:00-10:00am	Changes in Testing	Cardiac Markers, James Januzzi, MD
9:00-10:00am	Laboratory Outreach	Stem Cell Biology: Medical Application and Ethical Debate, M. William Lensch, Ph.D
9:00-10:00am	Emerging Technologies	High Throughput Proteomics, Heidi Rehm, PhD
9:00-10:00am	Workshop	Do your Standards Reflect THE Standards? Nancy Erickson
10:00-11:00am	BREAK - ENJOY THE EXHIBITS!	
11:00-12:00pm	Management	CAP - New directions in LAP, Desiree A. Carlson, MD
11:00-12:00pm	Changes in Testing	Selecting Automation for Clinical Laboratories, Petr Jarolim, MD, PhD
11:00-12:00pm	Laboratory Outreach	Building Laboratory Capacity in Africa, Marian Cavagnaro
11:00-12:00pm	Emerging Technologies	Molecular Imaging and Cardiac Markers, Ahmed Tawakol, MD
11:00-12:00pm	Workshop	25 Mistakes Even the Best Phlebotomists Make, Nancy Erickson
12:00-2:00pm	LUNCH - ENJOY THE EXHIBITS!	
2:00-3:00pm	Management	Recruitment and Retention, Mary Ellen Cortizas
2:00-3:00pm	Changes in Testing	eGF and Creatinine Standardization, Lesley Stevens, MD
2:00-3:00pm	Laboratory Outreach	The Real Deal with MRSA, Mark A. Neuman, PhD
2:00-3:00pm	Emerging Technologies	Body Fluid Analysis; A Morphologic Review, Marian Cavagnaro
2:00-3:00pm	Workshop	Preventing Pre-Analytical Errors, Nancy Erickson
3:00-4:00pm	Management	Motivating Teams to Give Their Best - Motivation for Laboratory Professionals, Ellen M Neiduski
3:00-4:00pm	Changes in Testing	Quality Control for Today's High Throughput Chemistry Analyzers, Tim Skelton, MD, PhD
3:00-4:00pm	Laboratory Outreach	The Managers Greatest Challenge - Giving Feedback, How to Skillfully Address Positive and Negative Performance Issues, Del Gilbert
3:00-4:00pm	Emerging Technologies	Right Tests - Right Now: Blood Testing for Informed Treatment of Critically Ill Patients, Terry Shirey, PhD
3:00-4:00pm	Workshop	Lawsuits Happen: How to Avoid the Painful and Costly Experience, Nancy Erickson

The Convention Organizers:

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

Confirmed Vendors

(at time of printing)

Beckman Coulter	Time Med Labeling Systems, Inc.
Roche Diagnostics Corp.	Instrumentation Laboratory
Roche Point of Care	ARUP
Trinity Biotech	High Technology Inc.
Iris	Becton, Dickinson
Electronic Imaging	Tosoh Bioscience
Micro Video Instruments	Osmetech
Radiometer	Nova Biomedical
Meditech	DESCO
Horiba ABX	Orchard Software
Mercedes Medical	Mindray
ThermoFisher	Optical Analysis
Psyche Systems	MEDTOX
Labcorp	Abbott Diagnostics
Telcor Inc.	Siemens Medical Solutions
Millipore	Response Biomedical
Abbott Diabetes	Advanced Instruments
Artel	Medifleet
Global Focus	Genzyme
Dynamex	Kooltronic
STAT Medical Devices	Inverness Medical
Cepheid	New England Hemophilia Association
ALPCO	Eurotrol
Mayo Medical Laboratories	Quest
OCD	UMASS Memorial
Eastern Connection	AACC
Advance News Magazines	CLAS
Advance for Med Lab Professionals	CLMA

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

<u><i>Advance for Med Lab Professionals</i></u>	<u><i>Medical Laboratory Observer (MLO)</i></u>
<u><i>Clinical Chemistry News</i></u>	<u><i>CAP Today</i></u>
CLAS, New England Chapter	<u><i>Clinical Laboratory Products (CLP)</i></u>
Labexplorer.com	Clinicaldiagnosticsnews.net
CLMA	American Association for Clinical Chemistry
MedicalConferences.com	medinews.com
College of American Pathologists	Selectscience.net
ConferenceSeek.com	techexpo.com
Conference Seek	IVD Technology
Massachusetts Biotechnology Council	MHT; Mass High Tech
National Biotech Register	biotechdaily.com
allconferences.com	Clinical Laboratory Products
bio.com	Devicelink.com

22nd ANNUAL NORTHEAST REGION CONFERENCE
REGISTRATION FORM – APRIL 15TH & 16TH, 2008

Full Name: _____ Title: _____

Organization: _____

Street: _____

City: _____ State: _____ Zip Code: _____

Daytime Phone: (____) _____ Email address: _____

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

I will be attending: _____ Both Days
 _____ One Day (please specify _____ Tues. _____ Wed.)

REGISTRATION FEES: Registration includes luncheon and breaks.

FEE SCHEDULE FOR BOTH DAYS	FEE SCHEDULE FOR ONE DAY ONLY
\$100 Member \$ _____	\$75 Member \$ _____
\$110 Non-Member \$ _____	\$85 Non-Member \$ _____
\$50 Student/Pathology Resident* \$ _____	\$25 Student/Pathology Resident* \$ _____
\$30 Dinner and Lecture with Dr. Michael Bourke – Role of the Medical Examiner \$ _____	
***PRE-REGISTRATION before April 8, 2008 – DEDUCT \$5 FROM TOTAL	\$ _____

TOTAL REGISTRATION FEE ENCLOSED
 (Registrations must be postmarked by April 11!) \$ _____

Please note any Dietary Restrictions _____

* Copy of Student identification required to receive student discount.

- Payment **MUST** accompany Registration form
- Make checks payable to **N.E. Region Conference and Exhibition** and mail check or money order and registration form to: **Marianne Smith**, 11 Fern Way Bedford, MA 01730
- No telephone registrations will be accepted, we cannot invoice before or after the meeting
- Written confirmation will not be sent - receipt of attendance as well as continuing education forms can be completed at the meeting
- We are a tax exempt organization: Tax ID #23198906
- **Refund Policy:** There will be NO refunds. Please send someone else as a substitute
- For additional information contact: Marianne Smith (781-979-3024) or email at henry92151@yahoo.com

NERCE has applied for approval as a provider of continuing education programs in the clinical laboratory sciences by ASCLS P.A.C.E. Program

The Northeast Region Conference and Exhibition will award up to **9 P.A.C.E. credits** this year if you attend both days.

NOTES