



2005 Annual Meeting Preliminary Program

This year's meeting will discuss issues ranging from informatics to bioterrorism, from emerging technology to chemical terrorism. Sessions will cover environmental issues, emerging infectious diseases, and newborn screening.

The Annual Meeting is the APHL membership meeting. Attendees include state, county, city and local public health lab directors and senior staff, government and private laboratory personnel, and others interested in laboratory issues.

Preliminary Schedule

Saturday, June 25, 2005

4:00pm-7:00pm

Registration

Sunday, June 26, 2005

8:00am-6:00pm

Registration

9:00am-12:00pm

Annual Business Meeting

12:00pm-1:30pm

Lunch (on your own)

1:30pm-3:30pm

Welcome

Kati Kelley, DrPH, CT Public Health
Laboratories, APHL President-Elect
Barbara Jepson, MPA, MT(ASCP), UT
Div. of Epidemiology and Laboratory
Services
David Sundwall, MD, UT Department of
Health (Invited)

Hot Topics in Infectious Diseases –
Influenza and HIV

**Influenza: Laboratory Surveillance
and Pandemic Planning**

This session will provide surveillance recommendations for the 05-06 influenza season, considerations for the utilization and impact of rapid testing in the clinical community, an update on the highly pathogenic avian influenza (H5N2) outbreak in Southeast Asia and key laboratory surveillance elements for federal, state and local pandemic planning.

Speakers

TBD

**Ready or Not, HIV Diagnostic
Testing is Changing**

This session will discuss the latest changes in HIV diagnostics and the potential impact on public health laboratories. Topics from the recent confer-

Preliminary Schedule

Sunday, June 26, 2005

ence "HIV Diagnostics: New Developments and Challenges," such as the increased use of rapid tests, new EIA screening tests, additional uses of nucleic acid amplification testing, an incidence surveillance update, and a discussion of potential new algorithms for different settings will be presented.

Session Objectives

After the session, attendees will be able to:

1. Describe how the new advancements in HIV diagnostics will affect the public health laboratories.
2. Describe the difference between acute infection screening and testing for incidence surveillance.

Speaker

Barbara Werner, PhD, MA State Laboratory Institute

3:30pm-4:00pm

Afternoon Break

4:00pm-5:30pm

The National Laboratory System: A Tool for Preparedness

This session will describe the National Laboratory System (NLS) and demonstrate the need for public-private integration activities to meet laboratory preparedness goals. Findings will be presented from a comprehensive formative study of the National Laboratory System concept conducted by CDC and Battelle Corp. NLS activities from Arkansas and North Dakota

will be presented. This will include data from the Arkansas public health laboratory customer satisfaction survey and examples for reaching out to private clinical laboratories in your state.

Session Objectives

1. Describe National Laboratory System Concept
2. Understand data supporting the formation of public-private linkages to meet preparedness goals
3. Take away examples for reaching out to private clinical laboratories in your state

Speakers

Robert Martin, DrPH, MPH, CDC
Eunice Rae Rosner, EdD, MS, CDC
Michael Loeffelholz, PhD, D(ABMM),
Arkansas Public Health Laboratory

4:00pm-5:30pm

Designing the All-Hazards Public Health Laboratory

This session will serve as a forum for public health laboratory directors, managers and terrorism coordinators to discuss the design of the new all hazard receipt facilities, screening procedures for unknown samples, and the development of comprehensive emergency response plans for public health laboratories. Participants can also share best practices in public health preparedness and comprehensive response planning.

Speakers

TBD

Sunday, June 26, 2005

5:30pm-7:00pm

Welcome Reception in the Exhibit Hall and Foyer

Monday, June 27, 2005

7:00am-5:30pm

Registration

7:00am-8:30am

Continental Breakfast

7:30am-8:15am

Hot Topic Roundtables

The 4 P's of Partnerships: Preparation, Protocols, Practice and Performance

It is essential to partner with a diverse group of federal, state and local agencies to effectively respond to disasters and emergency events. The Iowa Biological/Chemical Threat Agent (BCTA) Protocol Model, developed by multiple local and state agencies coming together to improve multilevel interagency communication, coordination and resource management in response to BCTA in Iowa, will be presented. To demonstrate the importance of multiple agency coordination, Utah will present their experience in response, exercises, actual events, and lessons learned.

Session Objectives

1. Participants will learn the importance and advantage of developing multidisciplinary models and activities in order to have effective and efficient

emergency response.

2. Participants will understand how polices and protocols can be applied to actual events.

3. Participants will receive copies of the Iowa BCTA Protocol Model

Speakers

**Bonnie D. Rubin, MHA, MBA, MT(ASCP),
University of Iowa Hygienic
Laboratory**

**Sanwat Chaudhuri, PhD, Utah Public
Health Laboratory**

The Role of Epi-X in Routine and Emergency Laboratory Communications

Epi-X is a means for authorized public health officials to communicate sensitive information securely and quickly with each other and with the CDC. The discussion will center on how laboratories can use Epi-X reports to anticipate and solve routine and emergent public health problems.

Session Objectives

1. Discuss posted Epi-X reports and how they were used to solve public health problems

2. Collect suggestions for types of reports that should appear on Epi-X in the future

Speakers

Rossanne Philen, CDC

Janet Fath, CDC

Scott Becker, APHL



Preliminary Schedule

Monday, June 27, 2005

International Public Health Policy and Local Politics: Impact on Global Health Programs

As part of its mission, APHL has been a participant in international efforts to protect and improve the health of people throughout the world. With the advent of new national and international initiatives to counter the AIDS epidemic and related public health threats in resource-poor countries, APHL will continue to be asked to provide its expertise in establishing and building public health laboratory systems. When we engage in these activities, we have been guided by the principle that our work addresses the needs of the country as presented by their representatives. Nevertheless, some of our experiences have been that the political environment within the country can affect our ability to provide the assistance we agreed to provide. This round table is intended to explore these issues. We would hope that through these discussions, new guiding principles, and perhaps an APHL policy statement, concerning the interaction of local politics with our public health activities in these countries will emerge.

Speakers

TBD

8:00am-4:00pm

APHL Grant Recipient Posters

Posters will be on display from states who have made improvements in the provision of comprehensive laboratory

services through the use of the following APHL 2004-2005 grants: Implementing Food Safety Recommendations in States; Innovative Projects to Enhance Food Safety Capacity in States; and, Public-Private Laboratory Integration Projects/National Laboratory System

8:30am-10:00am

Utilizing Web-based Technologies, the Next Frontier in Environmental and Public Health: Boldly Going Where No Lab Director Has Gone Before

A detailed look at emerging laboratory information technology, online tools, and survey instruments and their current and future applicability in the public health laboratory setting.

Part I: Online Tools for Better Daily Communication and Seamless Emergency Event Management

Part II: Survey Processes and Results for States' Environmental and Chemical Terrorism Capacity

- National APHL Survey of State Public Health Laboratory Capacity and Capability

- Web Based Intra-state Survey Instrument for Assessing Private Sector and Municipal Laboratories

Speakers

Theodore Kuschak, PhD, Canadian Public Health Laboratory Network
Amin Kabani, Canadian Network for Public Health Intelligence

Judith Isaac-Renton, Canadian Public Health Laboratory Network
Ronald Laessig, PhD, WI State Laboratory of Hygiene

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Michael Wichman, PhD, University of Iowa Hygienic Laboratory

8:30am-10:00am

Food Safety Preparedness: Current Activities, New Technologies, and Enhanced Cooperation

This session will give participants a sense of the current state of Food Safety Preparedness activities, as well as focus on the critical components to maintaining and improving preparedness in the future. These components include new testing methods, such as next-generation molecular technologies, linkages with partners at the federal and local level, as well as linkages across disciplines within states.

Session Objectives

Participants at the end of the meeting will be able to:

1. Reiterate developing laboratory technology and new testing methods in food safety.
2. Describe the ongoing efforts to foster cooperation among federal, state, and local partners, as well as the importance of forming such linkages not only vertically within the laboratory community, but horizontally across disciplines as well.
3. Report on the new leaps in technology and stakeholder cooperation and interaction that are helping to advance food safety preparedness.
4. Describe the role of the Food Emergency Response Network (FERN) with a national perspective, as well as the role of states in preparedness issues.

Speakers

Bala Swaminathan, PhD, CDC (Invited)

David Carpenter, PhD, SIU School of Medicine

Yvonne Hale, MS, FL Department of Agriculture

Doug Abbott, FERN (Invited)

10:00am-4:00pm

Exhibit Hall Open

10:00am-10:30am

Morning Break in the Exhibit Hall and Foyer

10:30am-12:00pm

Ancient and Modern DNA Studies: A Genetic Approach to the World Family Tree

Speaker

Scott R. Woodward, PhD, Sorenson

Molecular Genealogy Foundation and Brigham Young University

12:00am-1:30pm

Lunch in the Exhibit Hall and Foyer

1:30pm-3:00pm

Newborn Screening: Are We Prepared for What's Next?

Recent advances in the recognition and treatment of rare metabolic disorders combined with the technologic ability to perform population-based screening for those disorders have driven the need to expand current programs. The session will discuss how several states are accomplishing expanded testing in the face of the evolving national recommendations. This session would also describe the current challenges to maintaining new-



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born screening services at all times. Items to be considered include; competition for state resources by other emerging public health programs, contingency planning for provision of services during disasters, and/or shortage of reagents (for any reason).

Session Objectives

1. Highlight different models for newborn screening expansion from 2-3 states
2. Discuss barriers to newborn screening testing expansion and suggest ways to address them
3. Discuss states' ability to maintain newborn screening services in a massive public health disaster
4. Highlight challenges to contingency planning in newborn screening

Speakers

William Becker, DO, OH State Public Health Laboratories

Michael Skeels, PhD, MPH, OR State Public Health Laboratories (Invited)

Louise Liao, PhD, MN Public Health Laboratory (Invited)

Jane Getchell, DrPH, DE Public Health Laboratory (Invited)

Barbara Jepson, MPA, TM(ASCP), UT Division of Epidemiology & Laboratory Services (Invited)

Lisa Bates, PhD, MS, FL Bureau of Laboratories (Invited)

Eldridge Hutcheson, PhD, TX Bureau of Laboratories (Invited)

3:00pm-3:30pm

Afternoon Break in the Exhibit Hall and Foyer

3:30pm-5:00pm

The Next Generation: Web-based Tools for Lab Consultation, Disease Reporting and Surveillance

Secure, user friendly electronic and web-based communications are the next generation of tools for surveillance and event management initiatives. Real-time movement of critical information for outbreak mitigation, bioterrorist and terrorist events is vital for ensuring the health of the nation's public. Within this session, participants will learn about two different secure, event management tools - STATPack™ (Secure Telecommunications Application Terminal Package) which is an emergency response system that addresses critical health communication and biosecurity needs for the Nebraska Public Health Laboratory and the Canadian Public Health Laboratory Network's secure web-based surveillance and event management tool that provides seamless event management capability for Canada.

Session Objectives

1. Become familiar with the implementation of the National Laboratory System in Nebraska, from conception through present day activities
2. To introduce the STATpack™, which is the HIPAA compliant, secured, web-based consultation system and to become familiar with its role, its unique capabilities and how it will be used for education, training and consultation in case of a BT event

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3. To inform on the development of web-based resources to facilitate inter-jurisdictional case management for use in the Canadian public health laboratory network.

4. Demonstrating web based resources to facilitate inter-jurisdictional event management from a laboratory perspective.

Speakers

**Anthony Sambol, MA, SM(NRM),
SV(ASCP), CBSP, NE Public Health
Laboratory**

**Anne Fruhling, PhD, University of
Nebraska at Omaha**

**Jeff Aramini, DVM, PhD, Canadian
Network for Public Health Intelligence**

**Shamir Mukhi, Canadian Network for
Public Health Intelligence**

Tuesday, June 28, 2005

7:00am-3:30pm

Registration

7:00am-8:30am

Continental Breakfast

7:30am-8:15am

Hot Topic Roundtables

Iowa's Comprehensive Environmental Sampling System for Unknown Substances

Through a collaborative effort between the state public health lab, 71st Civil Support Team and Kirkwood Community College, Iowa has developed a comprehensive sampling collection and training system for Iowa's HazMat teams. This system includes a

complete environmental sample collection and training kit, laminated pictorial collection procedure cards and a DVD for training and JIT field use. In addition to providing a standardized method of collection and documentation throughout Iowa, this program is an excellent example of the power of partnerships to improve state-level response to the unknown environmental sample.

Session Objectives

1. Each participant will have a thorough knowledge of the contents of the sampling collection kit including a list of sample collection kit contents, its use and how HazMat teams are trained in Iowa.

2. Participants will learn the importance and advantage of working with their Civil Support teams, HazMat teams and local community colleges in order to have effective and efficient emergency response and get the optimum sample for their testing.

Speakers

**Bonnie D. Rubin, MT(ASCP), MBA, MHA,
University of Iowa Hygienic
Laboratory**

**Cynthia Root, Kirkwood Community
College**

**Major Michael Simpson, MS, 71st Civil
Support Team (WMD)**

New Challenges in Quality Assurance

This presentation will focus on good laboratory practices associated with Quality Systems. Certain standards that are applicable to all testing, and factors that affect quality of data



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whether it is clinical, environmental or food testing, will be discussed.

Speaker

Thomas Hearn, PhD, CDC

Selecting the Right BSL3 Environment for Your Work

This round table discussion is intended to review and discuss the subtle but important differences of BSL3 environments that are acceptable for today's needs. Discussions will compare and contrast the differences between modular buildings, individual rooms and BSL3 suites for a variety of public health needs.

Session Objectives

1. Discuss alternatives available to accommodate BSL3 environments
2. Lessons learned in designing and operating the BSL3
3. Case studies reviewed

Speakers

Clare Swanson, AIA, CUH2A
Warren Hendrickson, AIA, CUH2A
Lou Turner, DrPH, HCLD, NC State Laboratory of Public Health
Victor Waddell, PhD, AZ Bureau of State Laboratory Services

8:00am-1:30pm

APHL Grant Recipient Posters

Posters will be on display from States who have made improvements in the provision of comprehensive laboratory services through the use of the following APHL 2004-2005 grants:
Implementing Food Safety

Recommendations in States;
Innovative Projects to Enhance Food Safety Capacity in States; and, Public-Private Laboratory Integration Projects/National Laboratory System

8:30am-10:00am

The Long and Winding Road to Laboratory Chemical Terrorism Preparedness: A State of the States Overview

A "state of the states" informational update regarding activities related to laboratory preparedness for chemical terrorism (CT) which will include state-specific examples of activities undertaken to enhance CT preparedness at varying levels of capability, as well as updates from our federal partners from the CDC.

Speakers

Michael Wichman, PhD, University of Iowa Hygienic Laboratory (Moderator)
Andrea Lipman, MPH, CDC
Michael Heller, PhD, New York City Public Health Laboratory
Duane Boline, PhD, KS Division of Health & Environmental Laboratories
David Mills, PhD, NM Scientific Laboratory Division

10:00am-1:30pm

Exhibit Hall Open

10:00am-10:30am

Morning Break in the Exhibit Hall and Foyer

Sponsored by Cepheid

Tuesday, June 28, 2005

10:30am-12:00pm

Problems Encountered and Solved – State Reports

A constant in any public health laboratory is the encountering of an unexpected event – unusual disease outbreak, an isolate not previously encountered in your laboratory, a laboratory functional problem not previously faced, a modified cultural technique or a slightly modified chemical or bacteriological method. This session will allow state labs to share their experiences of these problems and the solutions arrived at with their colleagues.

Speakers

TBD

12:00am-1:30pm

Awards Luncheon

Sponsored by Gen-Probe

1:30pm-3:00pm

A Bird(er)'s Eye View - The World Through the Eyes of a Bird-watcher.

Bird-watching is one of the most popular and fastest growing pastimes in America. This talk will take a look at bird-watching, birds, and more importantly, how a person's view of the world changes when they begin to pay attention to our feathered friends.

Because birds inhabit every corner of the world, from our own backyards to the most exotic tropical forests, they change the way a bird-watcher sees familiar haunts, and draws them to places they may never have considered visiting. Birds become a window

into the natural world that quickly expands to include other creatures and even the human cultures that are a part of that world. Life becomes a continual, and highly personal, adventure of discovery and a never-ending quest to see new things, and better understand those that are already familiar.

Speaker

Mark Stackhouse, Field Naturalist and Ornithologist

3:00pm

Conference Concludes

4:00pm-5:30pm

Tour of the UT State Public Health Laboratory –

Sign-up required on-site (limit of 35 people)

6:00pm-11:00pm

Opportunity to join a Birding expedition with Mr. Stackhouse to Mountain Dell or East Canyon (optional with a fee – sign up required.)



List of Exhibitors

Advanced Sterilization
Products

Agilent Technologies

Artel

BD Diagnostics

BIOQUELL, Inc.

CDC, Division of Public Health
Partnerships, Laboratory
Systems

CDC, PHIN

Cepheid

Certek, Inc.

ChemWare, Inc.

CUH2A

Fisher Healthcare

Gen-Probe

Gilbane

Information Technology
International

Isensix, Inc.

Laboratory Automation
Solutions

Labware, Inc.

Lord, Aeck & Sargent
Architecture

M/MGMT Systems, Inc.

Natus Medical, Inc.

PerkinElmer LAS

Prequel Solutions

Purified microEnvironments

Regis Technologies

Sanchemia Corp.

Scientific Facilities

Smith Detection

STERIS Corp.

Techspace, Inc.

Thermo Electron Corporation

World BioHazTec

General Information

Accommodations

The 2005 APHL Annual Meeting will be held at the Hilton Salt Lake City Center in downtown Salt Lake City. It is within walking distance of the Historic Temple Square, the State Capitol, Capitol Theater, the Delta Center, and numerous restaurants and shops. For more information on the Hilton visit their website at

www.saltlakecitycenter.hilton.com.

The conference room rate is \$105.00 single/double (plus tax) per night. There are a limited number of rooms available at the federal government rate. You may make your reservation by calling the hotel directly at 877.776.4936. Be sure you mention that you are attending the "APHL Annual Meeting" to receive this rate. Reservations must be made no later than May 24, 2005.

Transportation

Air – Salt Lake City International Airport is serviced by all national airlines.

Ground – All-Star Transportation charges \$8.00 one way or \$16.00 round trip. The transportation runs every 20 minutes and is available outside baggage claim 5:00am-11:00pm. For reservations please call 877.959.8700. For pick-up between 11:00pm-5:00am, please make reservations 12 hours in advance. These charges can be paid for in cash, by credit card, or charged to your room. Taxis are also available.

Continuing Education Credits Available

APHL is an approved provider of continuing education programs in the clinical laboratory sciences through the American Society of Clinical Laboratory Science (ASCLS) P.A.C.E.® program. Attendees can be awarded up to 15.5 contact hours for the entire conference.

2005 APHL Annual Meeting Planning Committee

Kati Kelley, DrPH, CT Public Health Laboratory, Chair

Patricia Armour, MT(ASCP), Southern Nevada Public Health Laboratory

James Beebe, PhD, CO Department of Health & Environment

Sanwat Chaudhuri, PhD, UT Division of Epidemiology & Laboratory Services

Harry Hannon, PhD, Centers for Disease Control & Prevention

Kris Hardin, MS, University of Iowa Hygienic Laboratory

William Hausler, PhD, D(ABMM)

Barbara Jepson, MPA, MT(ASCP), UT Division of Epidemiology & Laboratory Services

Prince Kassim, PhD, MD Department of Health & Mental Hygiene

Michael Skeels, PhD, MPH, OR State Public Health Laboratory

Chip Stephens, MS, Sanochemia



Registration Information

Registration Rates

- \$450 – Member
- \$500 – Non-Member
- \$225 – Student (ID required)
- \$225 – One Day (Sun., Mon., Tues.)

To register, go to the Annual Meeting conference page - www.aphl.org/conferences/2005_APHL_Annual_Meeting.cfm

If you are paying by credit card (American Express, Mastercard, Visa) you should register online by clicking on "Online Registration." This will take you to the registration page. At the bottom of this page are step by step instructions to register. Your Member Center login and password are NOT valid for this database. If you have not registered online for an APHL or NLTN conference or meeting before you will need to set up a login (your email address) and a password (instructions provided). Once your registration is completed you will receive an email confirmation letter.

If you are paying by check, purchase order or are an Emeritus member you should register by clicking on "Registration Form," print the paper registration form and mail/fax it back to APHL.

Payment

Registration is complete when payment is received in full. Mastercard, Visa, American Express, checks made payable to APHL and signed government purchase orders will be accepted as payment. (Federal ID # 52-1800436)

Online *(Credit cards only)*

www.aphl.org/conferences/2005_APHL_Annual_Meeting.cfm

Fax

202.887.5098 - Attn: Terry Reamer

Mail

APHL Annual Meeting
Attn: Terry Reamer
2025 M St. NW, Suite 550
Washington, DC 20036

Cancellation Policy

A \$100 cancellation fee will be assessed on all registrations cancelled before May 30. No refunds will be allowed after that date. Registrations are transferable if APHL is notified before hand.

Registration materials

Name badges, tickets, programs and other conference materials will not be mailed in advance. Attendees may pick up their registration materials on-site at the Registration Desk.

On-Site Registration Hours

Saturday, June 25
4:00pm-7:00pm

Sunday, June 26
8:00am-6:00pm

Monday, June 27
7:00am-5:30pm

Tuesday, June 28
7:00am-3:30pm

Registration Form

2005 APHL Annual Meeting
Hilton Salt Lake City Center, Salt Lake City, UT
June 26-28, 2005

Name and Degree (s) _____
Title _____
Institution _____
Department _____
Address _____
City/State/Zip _____
Country _____ Telephone _____ Fax _____
Email _____

Registration Rates (45500-100-040-05)

Vegetarian

<input type="checkbox"/> \$450	Member	<input type="checkbox"/> \$225	One-Day (Sun., Mon., or Tues.)
<input type="checkbox"/> \$500	Non-Member	<input type="checkbox"/> \$225	Student (Undergraduate/Graduate)
<input type="checkbox"/> Waived	Emeritus	<input type="checkbox"/> \$ 50	Guest (Social functions only)

Total Enclosed \$ _____

Payment

<input type="checkbox"/> Check (Payable to APHL)	<input type="checkbox"/> Purchase order attached
<input type="checkbox"/> American Express, Mastercard, Visa	<input type="checkbox"/> Pay at the door

Credit Card Number _____ Expiration Date _____
Cardholder's Full Name _____
Cardholder's Signature _____

*The registration fee includes all sessions, activities and functions of the meeting unless specifically excluded. Included food functions are two continental breakfasts, two lunches and one reception.

If you plan to attend but are processing your payment through your company or government entity, please submit your registration form with the notation "Check to follow". This assists us in planning the size of the meeting. APHL's Federal ID number is 52-1800436. If you require special accommodation please contact us at least six weeks in advance.

Cancellation Policy: Cancellations before May 30, 2005 will be refunded with a \$100 cancellation fee deducted. No refunds for cancellations after May 30, 2005.

Please submit this registration form, or the one at www.aphl.org, and payment to Fax: 202.887.5098, email: treamer@aphl.org, or 2005 APHL Annual Meeting, APHL, 2025 M St. NW, Suite 550, Washington, DC 20036.

