

The background features a dark, textured surface with faint, light-colored illustrations of various scientific and laboratory items. On the left side, there is a detailed drawing of a microscope. Above it, a globe of the Earth is visible. Scattered throughout the background are other symbols and objects, including test tubes, petri dishes, and various geometric shapes like circles and rectangles, all rendered in a sketchy, hand-drawn style.

Laboratory Services Section 2013-2014 Training Events

By: Syra S. Madad

Presentation Outline

- § Training events conducted in 2013 and 2014
- § Brief overview of each of the training events
- § Upcoming training events scheduled for fiscal year 2014
- § Questions

Training Events Conducted in Fiscal Year 2013

- § Webinars
- § BSL-3 Training
- § Packaging and Shipping Training
- § Agents of Bioterrorism Wet Workshop
- § Conventional Methods

3/19/2013	Data Integrity & Ethics for the Environmental Laboratory	APHL	2
3/28/2013	Proficiency Testing Theory: Purpose, Performance & Evaluation	Perry Johnson	6
4/16/2013	Gram Positive Rods: Identification Beyond Diptheroids'	APHL	11
4/17/2013	The New CLIA Competency Assessment for Laboratory Personnel	American Assoc	10
4/18/2013	QMS: Leadership & Management Roles & Resposibilities	APHL	5
4/23/2013	Emerging & Resurging Infectious Diseases: 2013	APHL	7
4/25/2013	Fundamentals of Ion Chromatography	Nelac Institute	13
4/30/2013	Reporting Critical Values for Microbiology	APHL	3
5/7/2013	Slippery Slopes: Principles, Problems and Cases in Lab Ethics	APHL	8
5/9/2013	Measuring Blood Lead Levels <5 µg/dL: How Low can Laboratories Go?	APHL	13
5/14/2013	The Impact of Global Warming on Vector-Borne Diseases	APHL	12
5/15/2013	Mod. 1 & 2: Introduction to the 17025 Laboratory Management System Requirements & C	APHL	15
5/28/2013	Traceability Requirements: How to Ensure You are Complying: Section 5.617025	Perry Johnson	15
5/29/2013	Mod. 3: Complaints, Feedback, Root Cause Analysis, and Corrective Action (ISO webina	APHL	18
5/29/2013	APHL/CDC Updates on HIV Diagnostics	APHL	8
6/4/2013	Determining Clinical Relevence of Fungal Isolates	APHL	6
6/5/2013	Mod. 4 & 5: Record Management & Internal Audits and Management Review (ISO webina	APHL	14
7/25/2013	Traceability and Uncertainty	National Analyt	9
8/29/2013	Select Agent Rule: What Clinical Laboratories Need to Know	CDC	5
9/9/2013	What's in the Field: Leveraging Partnerships for Public Health Preparedness and Respor	APHL	7
9/10/2013	Are You Collaborating with CDC's ATSDR Yet?	APHL	4
9/12/2013	CLIA Summer Update on Hot Topics: 2013	APHL	4
9/17/2013	Laboratory Acquired Infections	APHL	2
9/17/2013	World of Ion Chromatography & It's Application: Cations Analysis in Various Water Matric	Nelac Institute	9
9/24/2013	Risk Assessment in the Clinical Microbiology Laboratory	APHL	2
9/25/2013	Improvement to Method 1623 to Detect Cryptosporidium	APHL	0
10/1/2013	2013 Influenza Update	APHL	4
10/8/2013	Bacteria that Cause Gastroenteritis: Processing, Culture and More	APHL	7
10/15/2013	AST of Bacteria that Cause Gastroenteritis	APHL	0
10/22/2013	Management of Patients with Bacterial Gastroenteritis	APHL	1
10/29/2013	Improving the Gram Stain	APHL	1
11/12/2013	Throat Cultures: Are They Obsolete? Does One Method Fit All?	APHL	1
11/13/2013	Action Learning Coaching	APHL	2
11/19/2013	Work-Up of Relevent Fungal Isolates	APHL	4
11/21/2013	Efficient and Sustainable Laboratory Operations	APHL	3
11/21/2013	Ensuring the Quality of Blood Spots Collected from Newborns	APHL	2
12/3/2013	Non-Molecular Methods for Detection of Infectious Diseases	APHL	3

Educational Webinars

- Webinars provide timely, strategic information regarding current events, best practices, public health updates, practical information on the latest tools and technology, and department-specific developments.
- Topics vary, and range from department-specific topics (i.e. “What Every Parasitology Lab Should Be Doing”) to general public health updates (i.e. “Emerging & Resurging Infectious Diseases: 2013”).
- 46 webinars were shown in 2013, with 286 participants.

Total Number of Events: 46

Attend.: 286

BSL-3 Training for LRN Laboratories

§ Conducted May 20-21, 2013

§ 2 Day Training Event, with certificate and PACE credits

§ Open to LRN Laboratories, free of charge

§ Maximum # attendees: 10

§ Upcoming BSL-3 training: May 14-15th, 2014

§ The training covers:

§ Lab design and the qualitative differences in biosafety levels

§ Biosafety cabinet (BSC) design and proper techniques for operating within a BSC

§ Various types of personal protective equipment (PPE) used in a BSL-3 environment and its proper use

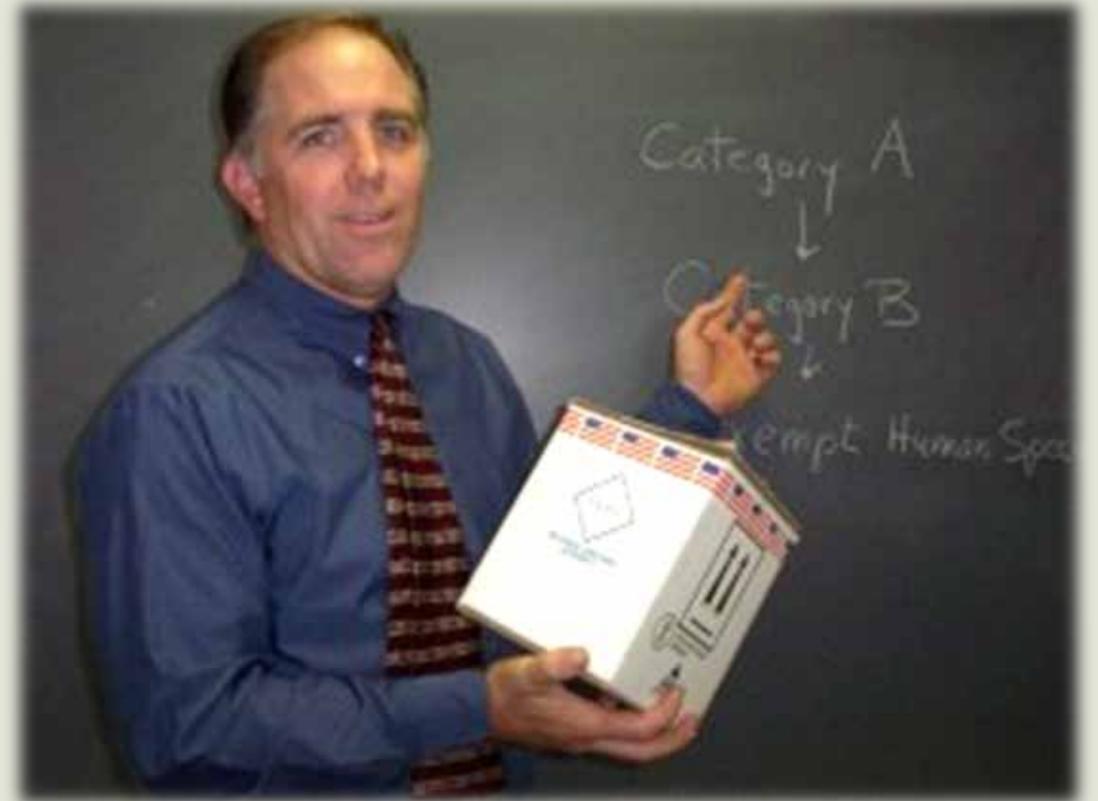
§ Requirements and regulations of the select agent program

§ Broad understanding of emergency procedures for the BSL-3 laboratory environment



Packaging and Shipping of Infectious Substances Training

- § Conducted May 22nd and November 6th 2013, scheduled twice a year and conducted by HighQ
- § 1 day training, with certificate and PACE credits
- § Open to LRN and Sentinel Laboratories, free of charge
- § Maximum # of attendees: 50
- § **Upcoming P&S Training: May 16, 2014**
- § The training covers:
 - § Packaging and documentation of Class A and B specimens
 - § Identification and classification of hazardous material
 - § How to properly package, mark, and label materials
 - § Handle paperwork for all aspects of shipping and record keeping



Agents of Bioterrorism Wet Workshop

- § Conducted January 17, 2014
- § 1 Day Training Event, with certificate and PACE credits
- § Open to LRN and Sentinel Laboratories, free of charge
- § Maximum # of attendees: 10-12
- § Upcoming Wet Workshop Training: TBD (as needed)**
- § The training covers:
 - § Clinical laboratorians role in the presumptive identification of potential BT organisms (Rule out/Refer).
 - § Safety implications of handling suspected pathogenic organisms in clinical specimens and isolates.
 - § Microbiological characteristics of the most likely organisms to be involved in a BT event



Conventional Methods

- § Conducted October 1-4, 2013
- § 4 Day Training Event, with certificate and PACE credits
- § Open to LRN Laboratories, free of charge
- § Maximum # of attendees: 4-5
- § Upcoming Conventional Methods Training: TBD (as needed).**
- § The training covers:
 - § How to perform conventional identification and antigen detection methods
 - § Interpret positive and negative reactions for the methods, and how to determine if the assays are performing within acceptable limits
 - § Increase skills and confidence in performing the conventional biochemicals



First Responder Training

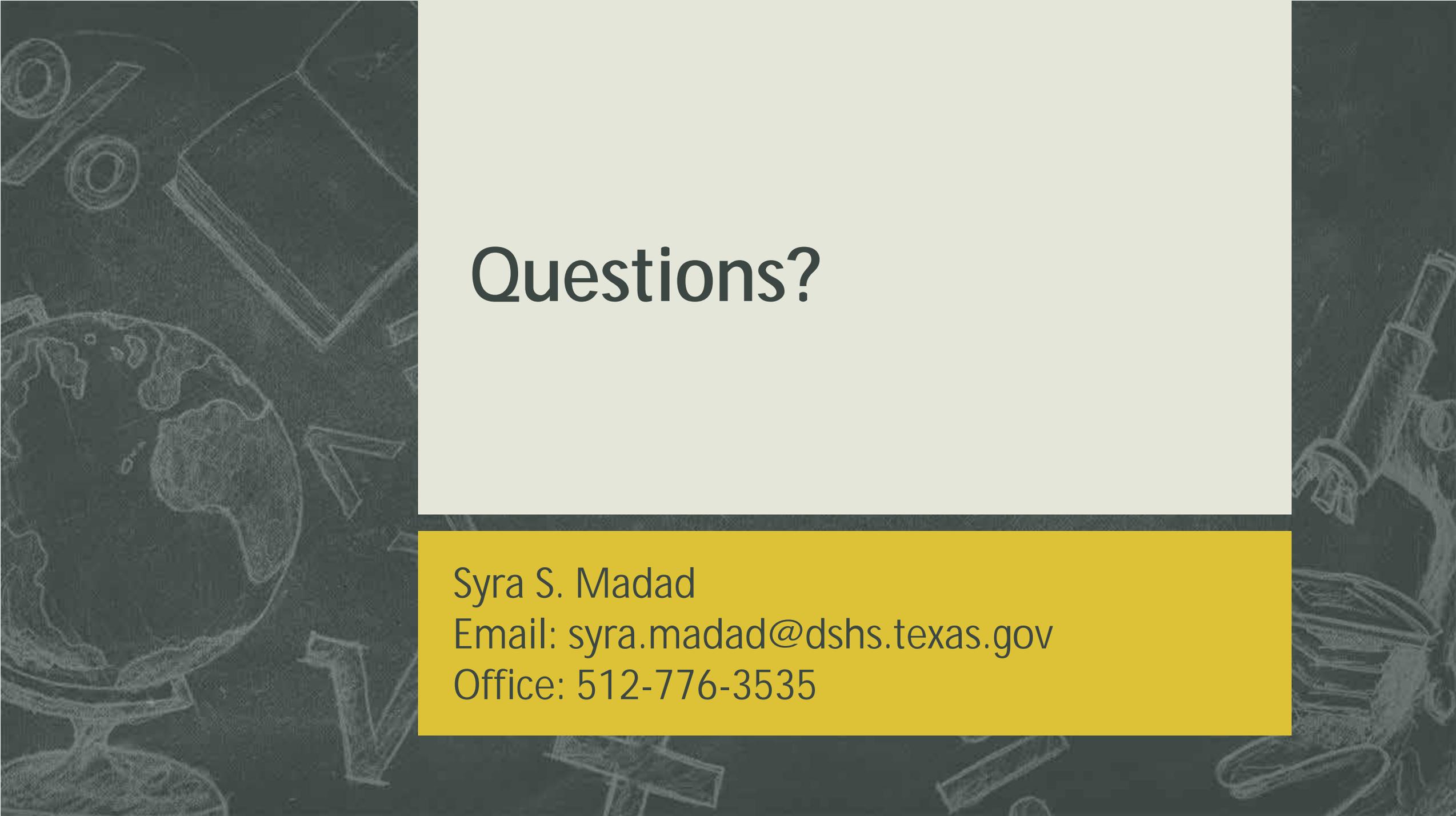
- § Has not been conducted yet, but is in the planning stages
- § Will be a 1 day training event with certificate and PACE credits
- § Initial pilot training will be open to local first responders with a cap of 10
- § **Tentatively scheduled for June 6th, 2014**
- § The training will cover:
 - § Laboratory Response Network
 - § BT and CT laboratory overview and testing capabilities
 - § Field screening requirements prior to specimen submission
 - § Specimen submission, processing and turnaround time for results



LRN Train-the-Trainer

- § Has not been conducted yet
- § Will be planned if needed
- § The training would cover:
 - § The process to design, develop, and implement a BT wet workshop for sentinel laboratories
 - § The role of the clinical laboratorian in the presumptive identification of BT organisms
 - § Safety implications of handling suspected pathogenic organisms in clinical specimens and isolates
 - § Microbiological characteristics of primary BT agents





Questions?

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