The background is a dark grey chalkboard with various scientific and laboratory-related drawings in white chalk. On the left side, there is a detailed drawing of a microscope. Above it, there are several test tubes and a petri dish. In the upper left corner, there is a drawing of a globe showing continents. At the bottom, there are various symbols including a plus sign, a percentage sign, and some geometric shapes like a square and a triangle.

Laboratory Services Section 2014-2015 Training Events

Syra Madad, DHSc, MSc, PCP, NREMR

Presentation Outline

- Training events conducted in 2014 and 2015
- Brief overview of each of the training events
- Upcoming training events scheduled for fiscal year 2015
- Questions

Training Events Conducted in Fiscal Year 2014

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

Educational Webinars

Date	Title	Organization	# of Attendees
1/21/2014	The Continuing Threat of H5N1, H7N9 Influenza and MERS CoV	APHL	7
1/30/2014	Laboratory Internal Audit Program: Tips for Developing and Implementing an Inter	APHL	1
2/18/2014	NextGen Sequencing Presentation by Illumina Representatives	Illumina	18
3/6/2014	Quality Indicators for Pre-and Post-Analytic Lab Processes	APHL	8
3/19/2014	Interim Self Inspection: What is it and How to do it	College of American P	5
3/25/2014	How Does a False Negative EHEC Test Result Put Your Hospital At Risk?	Meridian Bioscience	7
4/22/2014	Emerging and Resurging Infectious Diseases: 2014	APHL	8
5/6/2014	New Toys: MALDI-TOF and Other Molecular Tools for Microbiology	APHL	9
5/27/2014	MERS: What Every Laboratory Needs to Know	APHL	15
6/17/2014	ISO Webinar	APHL	12
7/24/2014	Select Agent Program Training for Public Health Laboratories	CDC	4
8/12/2014	A Case Study Approach in Scaling Molecular Diagnostics	CAP Today	3
9/4/2014	Transforming Public Health Microbiology with Whole Genome Sequencing	APHL	18
9/16/2014	Ethics and Data Integrity for Environmental Labs	APHL	7
9/23/2014	Update on Clinically Significant Rapidly Growing Mycobacteria	APHL	5
9/30/2014	Lab Diagnosis of Group B Strep and Its Role in Neonatal Infections	APHL	4
10/7/2014	2014 Influenza Update	APHL	7
12/4/2014	CLSI's Guide to Planning Laboratory Operations During a Disaster	APHL	7
12/15/2014	ISO/IEC 17025 Document Control	APHL	4
12/16/2014	Verification/Validation of Non-FDA Approved Tests	APHL	12
Total:			161

- 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. “Ethics and Data Integrity in Environmental Labs”) to general public health updates (i.e. “Emerging & Resurging Infectious Diseases: 2014”).

Agents of Bioterrorism Wet Workshop

- Last conducted January 16, 2015
- **Upcoming Wet Workshop Training: TBD (as needed)**
- 1 Day Training Event, with certificate and PACE credits
- Open to LRN and Sentinel Laboratories, free of charge
- Maximum # of attendees: 12
- 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



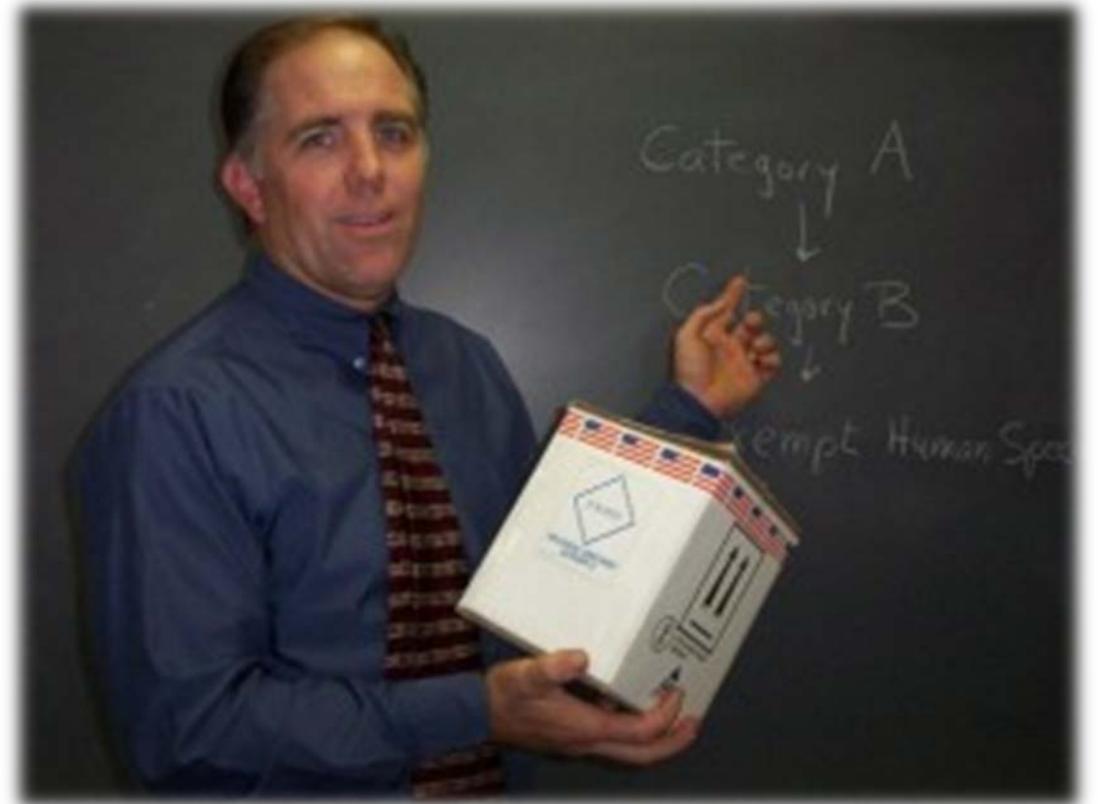
BSL-3 Training for LRN Laboratories

- Last conducted May 14-15, 2014
- **Upcoming BSL-3 training: May 5-6th, 2015**
- 2 Day Training Event, with certificate and PACE credits
- Open to LRN Laboratories, free of charge
- Maximum # attendees: 10
- 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 – On Campus

- Last conducted May 16th and November 18th 2014, scheduled twice a year and conducted by HighQ
- **Upcoming P&S Training: May 4, 2015**
- 1 day training, with certificate and PACE credits
- Open to LRN and Sentinel Laboratories, free of charge
- Maximum # of attendees: 50
- 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



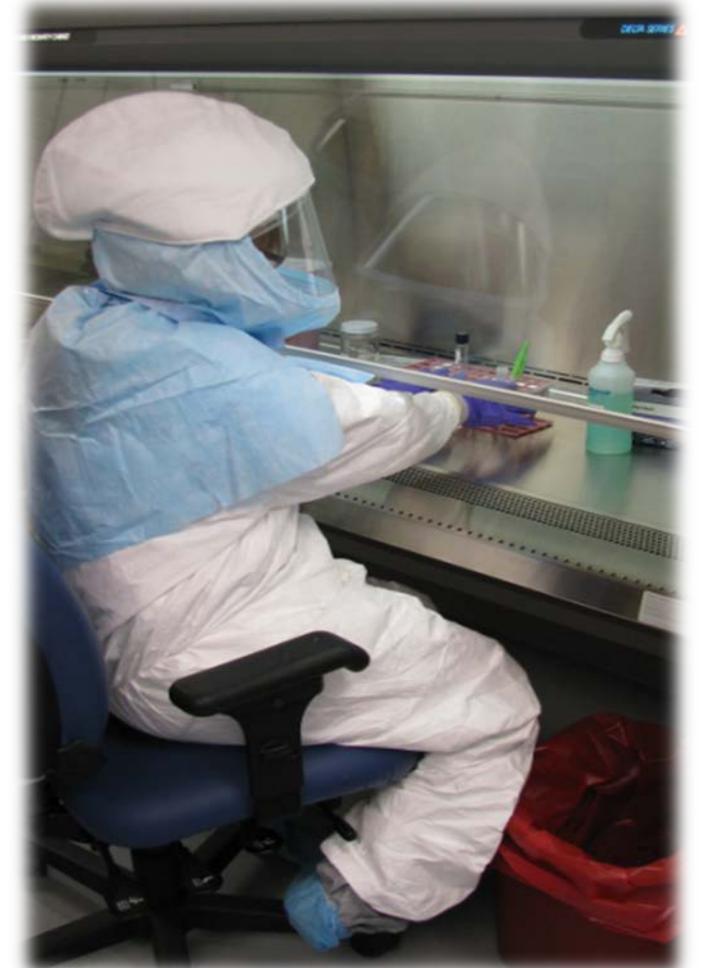
Packaging and Shipping of Infectious Substances Training – Floating

- November P&S Training will take place at a different LRN location throughout the state of TX each year.
- If your region is interested in co-hosting this training please contact Dr. Syra Madad.
- **Upcoming November P&S location: Brazos County**
- Requirements:
 - Co-hosting LRN is responsible for location
 - Can be your own facility or a regional sentinel facility
 - Must be able to accommodate 40-50 people
 - DSHS will pay for the contract, co-host will be responsible for refreshments
 - Both STC and co-hosting LRN will advertise and coordinate the training
 - STC will be onsite for assistance and overall training coordination



Conventional Methods

- Last conducted October 1-4, 2013
- **Upcoming Conventional Methods Training: TBD (as needed).**
- 4 Day Training Event, with certificate and PACE credits
- Open to LRN Laboratories, free of charge
- Maximum # of attendees: 5
- 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

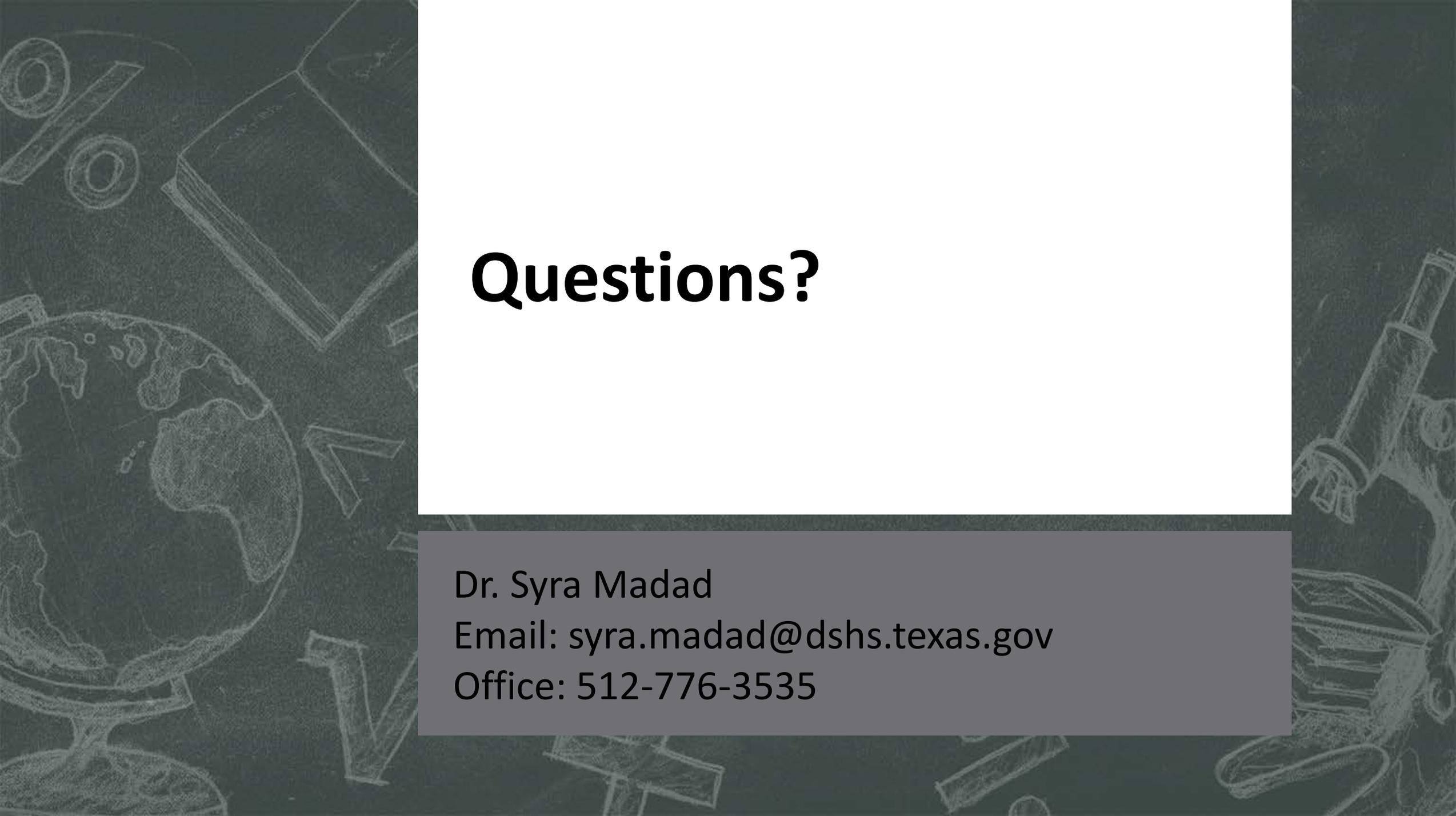
- Conducted June 6th (pilot) and December 19th
- August 22nd T-t-T First Responder
- Conducted 3-4 times a year
- **Upcoming First Responder Training: April 17, August 21, December 11, 2015**
- Half day training event with certificate and PACE credits
- Open to first responders and law enforcement personnel
- The training covers:
 - 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



Assisting with Your First Responder Training

- Given the popularity of this training, I will be contacting each LRN lab to help coordinate and set up their own First Responder Training
- Assistance will be given for pilot training and will include:
 - Tailoring the training to your own laboratory
 - Lab Tour
 - Facilitation and coordination of the training
 - Training Announcement/Recruitment
 - BioThreat PowerPoint Presentation
 - ChemThreat PowerPoint Presentation
 - Other applicable documents and materials (i.e., ASTM Operational Guidelines for Initial Response to a Suspected Biothreat Agents, paint can label information, certificate, evaluation)
 - Onsite guidance and assistance for pilot training





Questions?

Dr. Syra Madad

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