

Enhancing Strategies to Protect Young Children from Lead Poisoning:

A Clinical Lead Training

October 22-23, 2015

State Laboratory of Public Health

4312 District Drive, Raleigh, NC 27607

Course Description: This course is relevant for medical personnel who test, screen, or evaluate children for exposure to lead. Participants will learn about CDC and NC action levels and guidelines, screening protocols, health education, medical treatment, and surveillance reports.

Course Delivery: The content will be available in person and via webinar on Oct 22-23, 2015. The content will also be available via archived webinar from Oct 24, 2015-Oct 24, 2016.

Learner Objectives: At the end of this training, participants should be able to:

- Discuss the CDC guidelines for the identification and follow-up of children with elevated blood lead levels and the protocol for screening and management in NC;
- Describe environmental sources of lead and routes of exposure for young children;
- Explain the effects of lead on health and why children are most susceptible to this toxin;
- Describe medical treatment options;
- Define the role of the State Laboratory of Public Health in screening and follow-up for lead exposure;
- Describe the role nutrition plays in lead poisoning prevention.

Tuition: No cost

Sponsor: The training is provided as a partnership between the NC DHHS Childhood Lead Poisoning Prevention Program and State Laboratory of Public Health. Funding is provided by the Centers for Disease Control and Prevention (grant number 1UE1EH001276-01).

Targeted audience: Medical and environmental health personnel who test, screen or evaluate children for exposure to lead should attend.

Registration Link: <http://www.quia.com/sv/711168.html>

For questions, please contact Megan Hoert Hughes: meganhughes@unc.edu.

Oct 22 – For participants attending in person and via webinar		Presenter
9:00am	Registration/Log In	
9:15am	Opening Remarks	Patricia Atwood, BSMT Laboratory Improvement Coordinator, NC State Lab of Public Health
9:25am	History and Overview of NC Lead Program Objectives: <ol style="list-style-type: none"> 1. Review the history of the NC lead program 2. Identify sources of lead exposure 3. Describe CDC and NC Action Levels and Guidelines and Follow-up Recommendations 	Ed Norman, MPH, Manager, NC Childhood Lead Poisoning Prevention Program
10:25am	Health Effects and Medical Treatment of Lead Poisoning Objectives: <ol style="list-style-type: none"> 1. Discuss difficulties in making the diagnosis of lead toxicity in outpatient. 2. Discuss interpretation of blood lead levels in setting of subsequent management. 3. Discuss medical management and follow-up of children diagnosed with lead toxicity. 	David Eldridge, MD, Department of Pediatrics, ECU School of Medicine
11:15am	The Public Health Educator Role in Addressing Childhood Lead Poisoning Objectives: <ol style="list-style-type: none"> 1. To explain the intake and follow-up procedure for testing BLLs in pediatric patients; 2. To reinforce the necessity of nurses/health educators as the first point of contact and the primary health educator for patients 3. To address frequently asked questions that nurses/health educators may have of the State Lab and/or NC LEAD 	Lakieta Sanders, Public Health Educator, Durham County Department of Public Health
12:15pm	Evaluation	
12:25pm	Adjourn (optional afternoon tours of State Lab; no CEU credit given for the tour)	CEH 3.0 Hours

Oct 23 – For participants attending in person and via webinar		Presenter
9:00am	Registration	
9:15am	Testing and the Role of the State Laboratory of Public Health Objectives: <ol style="list-style-type: none"> 1. Review blood lead sampling procedures 2. Identify New NC SLPH Website and DHHS 3707 requisition 3. Develop new /enhance existing programs using tools from NC SLPH website 4. Describe Specimen collection and packing Dos and Don'ts 5. Access analytical information to the benefit of the patient 	Kate Mason, BS, Hemachemistry Supervisor, NC State Lab of Public Health
10:15am	Clinical Case Management and NC LEAD Objectives: <ol style="list-style-type: none"> 1. Educate health care providers about who and when to test for lead poisoning. 2. Provide an overview of the NC Childhood Lead Surveillance System 3. Describe the multi-tiered diagnostic testing and clinical follow-up recommendations 4. Ensure that health care providers are able to identify children meeting the legal definition of an “Elevated blood lead level” and “Confirmed lead poisoning” 5. Educate health care providers about and describe the proper protocol for referring children for mandated environmental follow-up services 6. Provide resources for assistance interpreting testing and follow-up recommendations 	Tena Hand, BA, Data Manager, NC Childhood Lead Poisoning Prevention Program
11:15am	Sources of Lead Exposure and Environmental Intervention Objectives: <ol style="list-style-type: none"> 1. Describe environmental sources of lead and routes of exposure for young children. 2. Discuss options for environmental intervention if lead is detected. 	David Brown, Registered Environmental Health Specialist, NC Childhood Lead Poisoning Prevention Program
12:15pm	Evaluation	
12:25pm	Adjourn (optional afternoon tours of State Lab; no CEU credit given for the tour)	