

# DIAGNOSTIC PARASITOLOGY: ARTHROPOD ECTOPARASITES

CENTERS FOR DISEASE CONTROL AND PREVENTION  
JUNE 24, 2016 • ATLANTA, GA



**U.S. Department of  
Health and Human Services**  
Centers for Disease  
Control and Prevention

P.A.C.E.® Course #: 288-006-16  
Florida #: 20-538746

## Sponsored by:

*The Division of Parasitic Diseases and Malaria, Center for Global Health; and the Laboratory Training Team, Laboratory Training and Services Branch, Division of Laboratory Systems, Center for Surveillance, Epidemiology, and Laboratory Services, Centers for Disease Control and Prevention*

## Location

Centers for Disease Control and Prevention, Atlanta, GA

## Faculty

Parasitic Diseases Branch, Division of Parasitic Diseases and Malaria, Center for Global Health, CDC, Atlanta, GA

- **Blaine Mathison, BS, M(ASCP)**, Microbiologist
- **Henry Bishop**, Microbiologist

## Course Organizers

- **Laboratory Training Team, Laboratory Training and Services Branch, Division of Laboratory Systems, Center for Surveillance, Epidemiology, and Laboratory Services, Centers for Disease Control and Prevention, Atlanta, GA**
  - *Rebecca Bandea, M.Ed*, Health Scientist, E-mail: [rbandea@cdc.gov](mailto:rbandea@cdc.gov)
  - *Karen Ching, Ph.D*, Health Scientist, E-mail: [kching@cdc.gov](mailto:kching@cdc.gov)

## Course Objectives

At the conclusion of this program, the participants will be able to:

- Describe the public health importance of arthropod ectoparasites (ticks, mites, lice, fleas, bed bugs, kissing bugs, and myiasis-causing flies).
- Describe identification and reporting algorithms for arthropod ectoparasites.
- Identify commonly-encountered arthropod ectoparasites and pseudoparasites submitted to diagnostic laboratories.

## Description

Recognition and identification of arthropod ectoparasites is based on the morphologic characteristics of adult and immature arthropods, or their eggs. Therefore, it is necessary to correctly process, examine, detect, and identify such organisms from clinical specimens. During this one-day, intermediate-level, hands-on workshop, faculty from the Centers for Disease Control and Prevention will instruct participants in how to detect and identify medically important arthropod ectoparasites.

## APPLICATION & REGISTRATION

### \* FREE REGISTRATION

**Application Deadline: March 28, 2016**

#### **NEW TWO-PART APPLICATION PROCESS!**

Both parts must be submitted by **March 28, 2016** to be considered.

1. Complete the application form [online](#) at: **March 28, 2016**

Submit a brief CV or resume highlighting your experience in the area of laboratory testing relevant to this course. Email CV or resume to [labtraining@cdc.gov](mailto:labtraining@cdc.gov). Type "288-006-16 DIAGNOSTIC PARASITOLOGY: Arthropod ectoparasites" in the line of the email.

If you are unable to complete the application online, notify Karen Ching at 404-498-6403 or email [kching@cdc.gov](mailto:kching@cdc.gov).

- Click this [link](#) for an example of a brief CV.
- Participants will be selected according to the applicants' job description, experience, and responsibilities.
- Notification of acceptance status will be sent via email by **March 31, 2016**.

## Audience

This intermediate-level, hands-on program is intended for laboratorians who work in public health or clinical microbiology laboratories, are proficient using a microscope, and have experience identifying intestinal parasites and arthropods.

## Security Clearance Requirements

**NON-US CITIZENS** — This course will be held at the training laboratory on the CDC Roybal campus. Due to CDC requirements for security clearance, all non-US citizens will be asked to provide information needed to obtain clearance. Detailed instructions will be provided upon acceptance into the course. Please do not make any nonrefundable travel plans until you have received confirmation of acceptance into the course and security clearance approval. The information you provide will only be used for the purposes of attending this course.

**US CITIZENS** - If you are a US citizen, there is no extra clearance process required.

## Continuing Education Units (CEU)

The Centers for Disease Control and Prevention Laboratory Training Team is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. This course is approved for **5.5** contact hours.

This course has been approved for 7 contact hours in the category of Microbiology/Mycology/Parasitology for Florida Laboratory Licensees.

## Disclosure

CDC, our planners, and our presenters wish to disclose they have no financial interests or other relationships with the manufacturers of commercial products, suppliers of commercial services, or commercial supporters. Presentations will not include any discussion of the unlabeled use of a product or a product under investigational use.

Use of trade names and commercial sources is for identification only and does not imply endorsement by the Division of Laboratory Systems, Center for Surveillance, Epidemiology, and Laboratory Services, Centers for Disease Control and Prevention, or the U.S. Department of Health and Human Services.

## Special Needs

In compliance with the Americans with Disabilities Act (ADA), individuals seeking special accommodations should submit their request in writing to [rbandea@cdc.gov](mailto:rbandea@cdc.gov) or phone 404-639-4554 at least three weeks before the program. Please allow sufficient time for CDC to make arrangements which is normally at least three weeks prior to the start date of course.

## QUESTIONS

Please contact Karen Ching at 404-498-6403 or email [kching@cdc.gov](mailto:kching@cdc.gov).

## AGENDA

DAY 1—Friday June 24, 2016			
TIME	TYPE	ITEM	SPEAKER
8:00 am	Lecture	Introduction	Karen Ching
8:30 am	Lecture	Safety Briefing	Dana Jones
8:45am	Lecture	Pre-Test	Blaine Mathison
9:15 am	Break	Break	
9:30 am	Lecture	Introduction; Ticks, Mites, Lice, Fleas	Blaine Mathison
11:30 am	Lunch	Cafeteria	
12:30 pm	Lecture	Kissing Bugs, Bed Bugs, Myiasis	Blaine Mathison
1:30 pm	Break	Break	
1:45 pm	Lab	All Organisms	Mathison, Bishop
4:00 pm	Lecture	Post Test	Blaine Mathison
4:30 pm		Evaluation	Karen Ching
5:00 pm		Adjourn	