Medical Parasitology
Mini-Elective
Spring 2015

Course Dates: April 7, 14, 16*
Tuesdays, 6:00-8:00 PM; one *Thursday, 6:00-8:00 PM

Maximum Students: 10

Class Year: MS1

Course Director: Daniel R. Lattanzi, M.D.
Co-Director Global Health
Magee Womens Hospital and
Medical Director, LaCroix-Perisse Health Center
LaCroix, Haiti

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Description:
This two lecture course will focus on medically important parasites and their role in
global health. Students will learn identification of specific parasites and how they
affect disease in humans. Lecture will be divided into two sections.
• Worms – soil helminths, flat worms, tapeworms
• Intestinal parasites.

This interactive mini-elective will include a hands-on laboratory component for both
sessions. Students will be able to view both gross specimens and microscopic speci-
mens of selected parasites.

Course Objectives:
1. Understand the role of intestinal parasites human health both in the United
   States and worldwide.
2. Understand environmental and veterinary roles in human parasitic diseases.

Requirements:
• Participate in course sessions
• Course Evaluation
Course Outline

Medical Entomology and Parasitology

Course Director:
Daniel R. Lattanzi, M.D.
Co-Director Global Health
Magee Womens Hospital and
Medical Director, LaCroix-Perisse Health Center
LaCroix, Haiti

Instructors:
Daniel R. Lattanzi, M.D.

Locations:
Scaife Hall—3rd Floor Teaching Lab

Session 1—April 7, 2015
Worms – We will study the “Unholy Trinity” of soil helminths, tapeworms, and flatworms. More than one billion persons are infected worldwide causing a tremendous burden on health, school performance and productivity.

Session 2—April 14, 2015
Intestinal parasites and Cholera – We will answer important questions such as “Proper Management of Feces”, “What caused the Haitian Cholera epidemic?”, “Should you sleep with your pet?”

Session 3—April 16, 2015 *This is a Thursday evening class
Case Studies in Parasitology - “A Parasitic Whodunit”.