**MDHHS, Bureau of Labs: Laboratory Information Day for Local Health Departments – “Lab 101”**

June 14, 2019

Hosted by Kalamazoo County Health Department

311 East Alcott Street

 Kalamazoo, MI 49001

9:30 – 9:45 Introductions, welcome, and overview of the day

9:45 – 10:30 Basics of molecular biology and lab tests that are molecular

10:30 – 10:40 Break

10:40 – 11:20 The world of TB testing

11:20 – 12:00 Bacteriology hodge-podge: stool pathogens, MALDI technology, reference bacteriology, other tests available

12:00 – 1:00 LUNCH BREAK

1:00 – 1:45 Introduction to virology, serology, and immunology basics

1:45 – 2:30 Creepy crawlies: arthropod-borne diseases, syphilis, and hepatitis

2:30 – 3:15 Rabies, Norovirus, and Respiratory illnesses – Oh My!

3:15 – 4:00 PFAS - hot topic facts and testing information

4:00 - ? Completion for the day and an open forum for discussions, questions, etc.

**The MDHHS Infectious Diseases Management Team:**

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Chemistry speaker for PFAS: Tim Karrer Trace Metals Unit Manager KarrerT@Michigan.gov