

## **NPL Fall Seminar Program:**

8:30 Welcome and Introductions

8:45-9:45 Update on Diabetes Mellitus Testing

*Dr William Roberts, MD ARUP Laboratories*

Dr Roberts will explain the rationale for using HbA1c to diagnose diabetes mellitus and how the estimated average glucose is calculated and the limitations of its use.

9:45-10:00 Break

10:00-11:30 Cardiac Marker Update

*Dr William Roberts, MD ARUP Laboratories*

The presentation will describe myocardial infarction by diagnostic criteria and outline the general risk stratification and treatment strategies for acute coronary syndrome. Dr Roberts will discuss the use of BNP and troponin assays in patients suspected of having heart failure.

11:30-12:30 Focus Group

The Focus Group will discuss current enhancements and suggestions for future enhancements to the Northern Plains Laboratory client services, information technology consulting and clinical laboratory services.

12:30-1:15 Lunch

1:15-2:15 Influenza Testing

*Sandra Young, North Dakota Department of Health*

This presentation will describe the Public Health Laboratory's role in influenza testing. A description of the viruses tested including novel flu's (swine flu) and the reasons behind testing protocols will be explained.

2:15-3:15 Test Interferences

*Leola Olson, Northern Plains Laboratory*

Many of today's automated instruments have built in mechanisms that help identify sample integrity issues, flag test results and outliers that require further investigation based on specific criteria. This presentation will discuss common test interferences and assess their potential clinical impact.

3:15-3:30 Break

3:30-4:30 New process validation/ electronic medical records

*Bridget Weidner and Shelly Heilman, North Dakota Health Department*

This will be a presentation which will discuss the requirements for validation of new laboratory processes. The new CLIA requirements for electronic medical records will be discussed.

Contact Sue Hausauer at 701-530-5700 or [shausauer@primecare.org](mailto:shausauer@primecare.org) for additional information and registration forms.