

Sponsored Webinar San Diego Section, AACC

FREE to members and their guests

**Tuesday, October 15, 2013**

**11:00am PT - 12:00pm PT**

## **Modern Approaches to Quality Control: Moving Averages and Beyond**

***Mark A. Cervinski, PhD, DABCC***

Director of Clinical Chemistry at Dartmouth-Hitchcock Medical Center,  
Assistant Professor of Pathology,  
The Geisel School of Medicine at Dartmouth, Hanover, NH

**Location: USCD Center for Advanced Laboratory Medicine  
UC San Diego, 10300 Campus Point Drive, San Diego, CA 92121  
Conference Room C, on the NE side of the building;  
First parking lot on the right as you enter the complex**

Approved for 1 ACCENT Continuing Education Credit

### **Program Information**

*Modern Approaches to Quality Control: Moving Averages and Beyond* is the seventh of eight programs in the AACC/Seattle Children's Hospital Lab Management Series of webinars. Instead of using traditional QC that takes only a snapshot of how an assay is performing at the time you run QC, what if your lab could gather information on assay performance with each new patient sample? Dr. Mark Cervinski will explain how this can be done using a patient-based moving average program. He will also address how to determine which analytes are not suitable for patient-based moving averages and how a patient-based moving average program can be used to detect short- and long-term shifts in assay performance.

Testing technologies are constantly evolving, but labs still rely mainly on traditional quality control (QC) approaches to ensure that assays are performing as expected. Traditional QC has many advantages, and is an essential part of any laboratory quality assurance program, but QC events represent only a snapshot in time, measuring assay performance at the moment QC is performed. What if your lab could gather information on assay performance with each new patient sample?