

# FREE CONTINUING EDUCATION

FOR MEDICAL LABORATORY PROFESSIONALS

Co-sponsored by ASCLS-WA

May 23, 2019

4:00 PM - 6:15 PM

Providence St. Mary Medical Center - Mother Joseph Room, Walla Walla, WA

Snacks will be provided. **Please RSVP by May 20** by contacting McKenna Smyth at [smythm@heritage.edu](mailto:smythm@heritage.edu)



## **Transgender Medicine in the Laboratory and the Implications of Hormone Replacement Therapy (HRT): A Discussion on Reference Ranges and the Differences Between Gender and Sex**

*-McKenna Smyth, Intern, BS Biology (Washington State University)*

*4:00 PM - 5:00 PM*

The subject of clinical transgender medicine is under-investigated yet widely prevalent. This talk will begin with the necessary foundation in sex and gender theory so we may delve into more complex points regarding hormone therapy and its effect on test results. While not all transgender people seek medical transition, the focus of this talk will be on the impacts of HRT confounding test results.

## **Arthritis: A Laboratory Approach Towards Diagnosis**

*-Thanh Nguyen, Intern, BS Biochemistry and Physiology (University of Washington)*

*5:15 PM - 6:15 PM*

Arthritis comes in many shapes and forms but they all lead to painful, chronic morbidity. Both environmental and congenital factors can predispose someone with arthritis. Various biomarkers and laboratory techniques can lend in determining risk factors as well as a presumptive diagnosis. This unit will survey these diseases and methodologies.

ASCLS-WA is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. ® Program.