

# REGISTRATION FORM

(PLEASE PRINT)

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Zip \_\_\_\_\_

Preferred Phone: (     ) \_\_\_\_\_

Email: \_\_\_\_\_

Highest Earned Degree: \_\_\_\_\_

Specialty and Professional Affiliation: \_\_\_\_\_

Please note any dietary restrictions: \_\_\_\_\_

Registration Fee: **\$1500.00** (effective as of July 1, 2018)

Registration Includes: Tuition, course materials, lunches and breaks. Please note that we are unable to offer CME credit.

Checks should be made payable to:  
**L.A. BIOMED RESEARCH INSTITUTE**

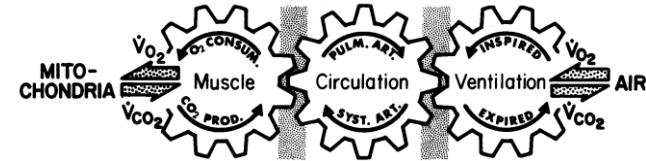
Mail Registration form and check to:

Ms. Tess Endoso  
LABiomed at Harbor-UCLA Medical Center  
1124 West Carson Street, CDCRC, Rm 210  
Torrance, CA 90502

For payment credit cards:  
please call with card information: (310) 222 3801

Registration limited to 30 participants. Refunds (minus \$150 processing) will be made for cancellations at least 30 days prior to course date.

Contact: [Teresita.Endoso@LABiomed.org](mailto:Teresita.Endoso@LABiomed.org)



## Harbor-UCLA Practicum in Cardiopulmonary Exercise Testing



Upcoming Course Dates for 2019:  
**Thursday - Saturday**  
**October 10-12, 2019**

## Course Faculty

**Richard Casaburi, Ph.D., M.D.**

Professor of Medicine, UCLA  
Harbor-UCLA Medical Center

**Janos Porszasz, M.D., Ph.D.**

Technical Director  
Rehabilitation Clinical Trials Center  
Harbor-UCLA Medical Center

**Harry Rossiter, Ph.D.**

Associate Professor, UCLA  
Harbor-UCLA Medical Center

**William W. Stringer, M.D.**

Professor of Medicine, UCLA  
Harbor-UCLA Medical Center

**Darryl Y. Sue, M.D.**

Emeritus Professor of Medicine, UCLA  
Harbor-UCLA Medical Center

**Susan A. Ward, Ph.D.**

Emeritus Professor of Sports Science  
University of Leeds

**Kathy E. Sietsema, M.D.**

**Course Director**

Professor of Medicine, UCLA  
Chief, Division of Respiratory & Critical Care  
Physiology and Medicine  
Harbor-UCLA Medical Center

Emeritus Faculty:

**Karlman Wasserman, M.D., Ph.D.**

Emeritus Professor of Medicine, UCLA  
Division of Respiratory and Critical Care  
Physiology and Medicine  
Harbor-UCLA Medical Center

**About the Practicum:** The Practicum was inaugurated in 1982 by Drs. Karlman Wasserman and Brian J. Whipp in response to requests for practical instruction in cardiopulmonary exercise testing. Since then the content of the course has evolved to reflect changes in technology, but it continues to have the physiology of exercise as its focus. The three day program includes didactic lectures, group discussions, and laboratory demonstrations. Educational goals are to understand the physiologic basis of gas exchange responses to exercise, and to be able to use variables and parameters clinical exercise tests to meaningfully characterize exercise function. The course is intended for physicians in clinical practice or academics, exercise scientists, and laboratory personnel involved in cardiopulmonary exercise testing. The text Principles of Exercise Testing and Interpretation serves as the syllabus for the course and is included in the registration.

### Overview of the course content:

**Day 1 – PRINCIPLES 8:30 am to 6 pm**

Physiologic basis of exercise

Matching internal and external respiration

Practical issues in conducting a clinical exercise test

Laboratory demonstrations: Calibration and Incremental work

Group discussions

Evening reception – meet the faculty

**Day 2 – TESTING 8:30 am to 5:00 pm**

Summarizing and displaying data for analysis

Normal values

Applications of exercise testing

Calibration and Validation

Laboratory demonstration: Constant work rates

Dynamic responses to exercise and use of constant work rates

Group discussions

**Day 3 – INTERPRETATION 8:00 am to 3:00 pm**

Typical exercise findings in pathologic conditions

Strategies for integrated interpretation and reporting

Practice Interpretations of clinical tests

Final discussion and wrap-up