

# PARTNERSHIP FOR **clean competition**

2010 Conference:

## The Science Behind Anti-Doping

Thursday, March 4, 2010

MLB Conference Center, 245 Park Avenue, 29th Floor, New York, New York



Presented by  
Partnership for Clean Competition and  
The Office of Continuing Medical Education  
David Geffen School of Medicine at UCLA

**CME** OFFICE OF  
CONTINUING  
MEDICAL  
EDUCATION

DAVID GEFEN SCHOOL OF MEDICINE at UCLA

## Course Description

One of the major challenges facing every level of sport today is the use of performance-enhancing substances. Without oversight and drug testing, this problem has the potential to destroy the health of innumerable athletes as well as undermine the integrity, value, and purpose of sport.

This conference will identify the latest advances in testing, focusing on long-term, research-based solutions to deter and detect the usage of performance-enhancing drugs. The research aims of recently funded studies will be presented in an effort to apply the best science research into the drug testing field. The conference will further detail the process by which an adverse analytical finding is determined and how that translates into adjudication for an athlete.

## Educational Objectives

At the conclusion of this program, participants should be better able to:

- ▲ Learn the significance of science in detecting and deterring the use of performance-enhancing drugs
- ▲ Identify and understand the methods currently employed for drug testing athletes
- ▲ Identify future strategies to enhance current drug testing approaches
- ▲ Learn how PCC funding furthers research to improve testing methods
- ▲ Understand the ramifications of an adverse analytical finding on the adjudication of an athlete

### Course Chair

#### **Gary Green, MD**

Clinical Professor, Division of Sports Medicine  
David Geffen School of Medicine at UCLA  
Los Angeles, California

### Speakers and Curriculum Consultants

#### **Neil Abramson**

Partner, Proskauer  
New York, New York

#### **Larry D. Bowers, PhD**

Chairman, PCC Scientific Advisory Board  
Chief Science Officer  
United States Anti-Doping Agency  
Colorado Springs, Colorado

#### **James C. Boyd, MD**

Associate Professor of Pathology  
University of Virginia  
Charlottesville, Virginia

#### **J. Thomas Brenna, PhD**

Professor of Human Nutrition  
and of Chemistry and Chemical Biology  
Cornell University  
Ithaca, New York

#### **Bob DuPuy**

President & Chief Operating Officer  
Major League Baseball  
New York, New York

#### **Bryan S. Finkle, PhD**

Member, PCC Scientific Advisory Board  
Consultant Forensic Toxicologist, National Football League  
Cameron, Montana

#### **Daniel R. Halem**

Senior Vice President and General Counsel  
Major League Baseball  
New York, New York

#### **Caroline Hatton, PhD**

Sports anti-doping science consultant and writer  
Previously Associate Director, UCLA Olympic Lab  
Los Angeles, California

#### **Douglas E. Rollins, MD, PhD**

Professor of Pharmacology and Toxicology, University of Utah  
Associate Director, Center for Human Toxicology  
Scientific Advisor, Sports Medicine Research  
and Testing Laboratory  
Salt Lake City, Utah

#### **Fred Schaufele, PhD**

Diabetes Center and Metabolic Research Unit  
University of California, San Francisco  
San Francisco, California

#### **Richard R. Young**

Partner, Holme, Roberts, & Owen  
Colorado Springs, Colorado

# Program

**Thursday, March 4, 2010**

12:30 pm **Welcome and Introductory Remarks**

PCC Board Member

12:40 pm **Keynote Address**

Bob DuPuy

## **Session 1: The Future of Deterrence and Detection through Science**

1:00 pm **Overview of Current Testing Techniques**

Larry D. Bowers, PhD

### **Potential Enhancements to Detection Methods**

Douglas E. Rollins, MD, PhD

### **Example: Non-analytical and Longitudinal Approaches**

James C. Boyd, MD

### **Q & A**

2:30 pm BREAK

## **Session 2: Anti-Doping Research Developments**

2:45 pm **PCC Research Progress Overview**

Bryan S. Finkle, PhD

### **Characterization of the Human Urinary Steroidome**

J. Thomas Brenna, PhD

### **Detection of Novel Androgenic Anabolic Activities in Urine and Serum**

Fred Schaufele, PhD

### **Q & A**

## **Session 3: Now What?**

### **Translating a Laboratory Adverse Analytical Finding into Adjudication**

4:00 pm **What Constitutes a Positive Test?**

Caroline Hatton, PhD

### **Overview of Adjudication Process**

Richard R. Young

### **Panel Discussion**

Neil Abramson, Daniel Halem, Caroline Hatton, and Richard Young

5:15 pm **Concluding Remarks**

PCC Board Member



The Partnership for Clean Competition (PCC) is an innovative research collaborative founded by the United States Olympic Committee (USOC), United States Anti-Doping Agency (USADA), Major League Baseball (MLB) and the National Football League (NFL), whose focus is to raise funds and make targeted grants in support of non-partisan and independent scientific research. Also participating and contributing financially to the PCC are the National Basketball Association (NBA), National Hockey League (NHL), and the PGA TOUR.

## TUITION

\$100.00

Registrations submitted by  
February 15, 2010

\$150.00

Registrations submitted after  
February 15, 2010

Tuition includes registration and course materials.

## LOCATION

MLB Conference Center  
245 Park Avenue, 29th Floor  
New York, NY 10167

## ACCREDITATION

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this educational activity for a maximum of **4.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

## DISCLOSURE STATEMENT

The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is “truly independent” and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program’s participants. In addition, Accreditation Council for Continuing Medical Education policy now mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.

## ACCOMMODATIONS

A special rate of \$199 (plus tax) for course registrants has been arranged at the InterContinental The Barclay New York, 111 East 48th St., New York, NY 10017-1297. Course registrants should call 1-800-327-0200 and request the PCC conference rate.

## ENROLLMENT

### Online

Use your MasterCard, VISA, American Express, or Discover card. Go to [www.cme.ucla.edu](http://www.cme.ucla.edu) and click on “The Science Behind Anti-Doping.”

### By Mail

Use a check or a MasterCard, VISA, or Discover card. Please use the attached form and include either your check or charge card information and authorizing signature. For additional applications, use a photocopy or separate sheet giving all information requested on the form.

### By Phone

Call 310-794-2620.

### By FAX

Send the completed enrollment form with charge card information and authorizing signature to the Office of Continuing Medical Education at 310-794-2624.

## REFUNDS

Cancellations must be received in writing by February 15, 2010, and will be subject to a \$25 processing fee. No refunds will be given after that date. If, for any reason, the course must be canceled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided. You may fax your refund request to 310-794-2624.

**For additional information**, contact the Office of Continuing Medical Education David Geffen School of Medicine at UCLA 10920 Wilshire Boulevard, Suite 1060 Los Angeles, CA 90024-6512 310-794-2620 E-Mail: [eayala@mednet.ucla.edu](mailto:eayala@mednet.ucla.edu)



## Registration

### Partnership for Clean Competition 2010 Conference: The Science Behind Anti-Doping

Course Number: M090-30

Fee:  \$100.00 by February 15, 2010

\$150.00 after February 15, 2010

Please print.

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Last four digits of Social Security Number

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Name (First, Last, Degree)  Male  Female

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Preferred Mailing Address

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City/State/Zip

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Phone

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Field of Practice

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E-mail Address

Check enclosed, payable to The Regents of the University of California

Charge:  MasterCard  Visa  Discover

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Authorizing Signature

Expiration Date

Mail to Office of Continuing Medical Education  
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Los Angeles, CA 90024-6512

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