

Welcome



Dear Friends and Colleagues:

We are super excited about the ACSM 64th Annual Meeting, 8th World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise and the Brain. On behalf of the Program Committee, I want to personally invite you to join us in Denver.

More than 6,000 of us from around the world will gather together in Denver, and for some very good reasons. As the most comprehensive sports medicine and exercise science conference in the world, people representing more than 70 disciplines from over 100 countries come together and share new clinical techniques, scientific advancements and cutting-edge research in sports medicine, exercise science, physical activity and public health.

The meetings include incredible networking and social opportunities where we reconnect with peers, meet new ones and rub shoulders with global leaders. If you had to choose one conference to attend, this should be the one.

Looking forward to seeing you there!

Sincerely,

Walt Thompson, Ph.D., FACSME
2017 Program Committee Chair, ACSM President-elect

About Denver

Start planning your trip to the Mile High City now! Downtown Denver offers world-class attractions, natural wonders, a thriving art scene and dozens of innovative and acclaimed restaurants. In the world's most spectacular playground, you will find an active city at the base of the Colorado Rocky Mountains, world-class attractions, unparalleled views and shopping all within walking distance!

Call for Scientific and Clinical Case Abstracts

Deadline: Tues., Nov. 1, 2016 | 11:59 p.m. PST.

Free Communications, presented in slide and poster format, are a major vehicle for "new" information exchange at these meetings. Beginning investigators, established investigators and clinicians are encouraged to submit abstracts.

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Register Today! www.acsmannualmeeting.org



401 WEST MICHIGAN STREET
INDIANAPOLIS, IN 46202-3233



May 30-June 3, 2017 • Denver, Colorado USA • #ACSM17

**ACSM Now Accepting
Abstracts and Clinical
Case Papers**

Submission Deadline: November 1, 2016

www.acsmannualmeeting.org

Important Dates

- November 1, 2016 Abstract Submission Deadline
- February 2017 Abstract Submitters Receive Accept/Reject Notifications
- March 2017 Advance Program becomes Available
- March 15, 2017 First Early Registration Deadline – Best Value
- April 19, 2017 Last Cut-off for Discounted Registration
- April 27, 2017 Housing Deadline
- May 23, 2017 Pre-registration Services End
- May 30-June 3, 2017 64th American College of Sports Medicine Annual Meeting, 8th World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise and the Brain
- June 20, 2017 2018 Annual Meeting Session Proposals Due



May 30-June 3, 2017
Denver, Colorado USA



www.acsmannualmeeting.org #ACSM17



Register Today!

Bridging Research and Practice for Healthy, Active Lives

At ACSM's Annual Meeting, World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise and the Brain you'll find sessions covering virtually every aspect of sports medicine, exercise science and the benefits of physical activity. More than 6,000 industry professionals from around the globe make the ACSM Annual Meeting their priority conference. You'll learn, network, engage and catch up with those as passionate about exercise science and sports medicine as you are!

Lectures



The Joseph B. Wolfe Memorial Lecture

Crossroads and Conflicts: Olympics, Paralympics or Cyborg Olympics?
Yves C. Vanlandewijck, Ph.D., PT
KU Leuven, Belgium
Wed., May 31, 8:00-9:15 a.m.



The D.B. Dill Historical Lecture

Extreme Exercise and Cardiovascular Health: Changing Paradigms and Perceptions
Barry A. Franklin, Ph.D., FACSM
William Beaumont Hospital
Fri., June 2, 8:00-9:15 a.m.



President's Lectures

Interval Training for Health: Hype, Help and Hope
Martin Gibala, Ph.D.
McMaster University



The Impact of Exercise During Pregnancy: A Call to Action to Promote the Health of TWO Generations
Michelle F. Mottola, Ph.D., FACSM
The University of Western Ontario



The Opioid Epidemic: How can the Sports Medicine Community Respond?
James C. Puffer, M.D., FACSM
American Board of Family Medicine



No Sweat: The Surprising Science Behind Lasting Motivation and Sustained Physical Activity
Michelle Segar, Ph.D., M.P.H
University of Michigan



Named Lectures

John R. Sutton Clinical Lecture
Sport And Regenerative Medicine: What's All the Hype About?
Thomas Best, M.D., Ph.D., FACSM
The Ohio State University
Fri., June 2, 1:00-1:50 p.m.



Elsworth R. Buskirk Tutorial Lecture

Exercise, Muscle and CHO Metabolism
Mark Hargreaves, Ph.D., FACSM
University of Melbourne



Priscilla M. Clarkson Tutorial Lecture

Is Exercise Really Medicine?
Barry Braun, Ph.D., FACSM
Colorado State University

Abstract Deadline

Now accepting Abstract and Clinical Case submissions! Please visit www.acsmannualmeeting.org to submit your abstract. Deadline is November 1, 2016 11:59 p.m. PST.

Preconferences

Graduate and Early Career Day

Tuesday, May 30, afternoon
Networking opportunity hosted by the Student Affairs Committee

Gatorade Sports Science Institute's Sports Nutrition Preconference



Tuesday, May 30, 11:30 a.m.-3:30 p.m. (prior to the PINES preconference)
GSSI brings together some of the leading sports nutrition experts, researchers and scientists to provide you with an afternoon of research and insights.

PINES Ten Questions, Ten Experts: Research that Changed Sports Nutrition

Tuesday, May 30, 4:00-6:00 p.m.
Ten sports nutrition experts will unveil a paper which has sparked great impact in the area of sports nutrition.

ACSM Spokesperson Preconference: Optimize Your Messaging Platforms

Tuesday, May 30, 1:00-3:00 p.m.
Learn from experts how to optimize your messaging through social media, targeting your audience and translating the science, catchy but clear.

Highlighted Symposia

Athlete Care and Clinical Medicine

Controversies and Current Evidence in Pediatric Sports Medicine

Biomechanics and Neural Control of Movement

Pathomechanics and Treatment of Osteoarthritis: Where Do We Go From Here?

Cardiovascular, Renal and Respiratory Physiology

Exercise Limitations in Heart Failure
Should Cardiorespiratory Fitness be a Vital Health Measure?

Environmental and Occupational Physiology

Too Hot to Handle: Protective Clothing, Thermoregulation and Performance

Epidemiology and Biostatistics

Wake up! Optimizing Physical Activity, Sedentary Behavior, and Sleep for Better Health

Exercise is Medicine®

Title TBD
Fitness Assessment, Exercise Training, and Performance of Athletes and Healthy People

Training is Medicine: Practical Applications of Exercise is Medicine®

Immunology/Genetics/Endocrinology

MicroRNAs: Roles in Exercise Adaptations and Potential Biomarkers of Disease

Metabolism and Nutrition

Nutrition, Metabolism and Diabetes
The Role of Exercise in Neuroplasticity: Intervention to Manage Stress and Promote Well-Being

Skeletal Muscle, Bone and Connective Tissue

Move to the Rhythm: Circadian Orchestration of Exercise and Muscle Biology

World Congress on The Basic Science of Exercise and the Brain

This year's ACSM World Congress will focus on biological and physiological mechanisms of exercise and the brain. The World Congress is a unique opportunity to bring together interdisciplinary investigators for the most comprehensive meeting ever held on this topic. The program will include keynote lectures, tutorials, and symposia from leading experts in the field with an emphasis on how exercise changes the brain and how this may relate to chronic disease. Chairperson: Jill N. Barnes, Ph.D., University of Wisconsin-Madison.



Keynotes

Active Living for Healthy Brains
Marc Poulin, Ph.D.
University of Calgary



Exercise and Neuroplasticity
Henriette van Praag, Ph.D.
NIH/NIA



Aging, Exercise and Brain Plasticity
Kirk Erickson, Ph.D.
University of Pittsburgh

World Congress on Exercise is Medicine®

Exercise is Medicine® is a global health initiative managed by ACSM that seeks to make physical activity assessment and exercise prescription a standard part of the disease prevention and treatment paradigm for all patients. It strives to bridge the healthcare industry with the fitness industry so patients can benefit from the tremendous health benefits that exercise brings. This 8th World Congress on Exercise is Medicine® will present cutting edge science and practical applications of exercise to improve health.



Morris/Paffenbarger Exercise is Medicine® Keynote Lecture

Physical Activity and Cardiovascular Prevention
Mai-Lis Hellénus, M.D.
Karolinska Institute

Earn Continuing Education Credits/ Continuing Medical Education Credits

Accreditation: The American College of Sports Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.



AMA/PRA Credits: The American College of Sports Medicine designates this live activity for a maximum of 30.25 Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACSM CECs: The American College of Sports Medicine's Professional Education Committee certifies that this continuing education offering meets the criteria for a maximum of 30.25 hours of ACSM continuing education credit.

BOC – CEUs: American College of Sports Medicine (BOC AP#P401) is approved by the Board of Certification, Inc. to provide continuing education to Athletic Trainers. This program is eligible for a maximum of 30.25 Category A hours/CEUs. ATs should claim only those hours actually spent in the educational program.

