



AAPAR's Measurement & Evaluation Council invites you to attend its sessions during AAHPERD's National Convention & Exposition. Learn about the latest in research in the field of measurement and physical fitness/health evaluation.

Date	Time	Session Topic
Wednesday, March 17	2 – 3:15 PM	Assessing Physical Fitness & Activity Using RFID
Thursday, March 18	2:15 – 4:15 PM	Panel Discussion: Measurement & Research Training in the 21st Century
Thursday, March 18	4:30 – 5:30 PM	Measurement Concepts & Statistical Skills for Athletic Coaches
Friday, March 19	7:30 – 8:30 AM	Measurement & Evaluation Council Keynote Lecture and Awards Ceremony
Friday, March 19	12:15 – 2:15 PM	MPEES Editorial Board Meeting
Friday, March 19	2:15 – 3:15 PM	MPEES Review Board Meeting
Friday, March 19	2:45 – 4 PM	Applied Skills in Online Survey Design to Increase Response Rate
Saturday, March 20	8:45 – 10 AM	Physical Activity and Health Disparities: Measurement and Implications

Assessing Physical Fitness & Activity Using RFID

Learn about Radio Frequency Identification (RFID) and its potential in assessing physical activity and fitness. Following an overview of RFID (including its history, hardware, and applications), the panel discusses RFID's potential in solving measurement problems in physical education. We also demonstrate A-PASS (Automatic Physical Activity Scoring System), developed by IPICO Sports and the University of Illinois, Urbana-Champaign, to measure aerobic capacity using tests in FIGNESSGRAM®.

Panel Discussion: Measurement & Research Training in the 21st Century

The measurement field has made significant contributions in physical education and exercise science. The field, however, has faced numerous challenges, including a diminishing number of master's and doctoral graduates, as well as only a few measurement positions available in higher education. During this interactive session, learn from the experts about the current status, some of the major challenges, and related discussions in the measurement field. Attendees are encouraged to participate.

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Measurement Concepts & Statistical Skills for Athletic Coaches

Who's the best recruit? Is the new strength program more effective? Strength and other athletic coaches are routinely faced with such decisions that can be informed by analysis of test scores or other measurements such as game stats. Do you remember what you were taught in your tests & measurement course? If not, no problem! In this session we review key measurement concepts and statistical skills and apply them to decisions that coaches must make. Bring a calculator.

Measurement & Evaluation Council Keynote Lecture and Awards Ceremony

Join your Measurement & Evaluation Council colleagues at this lecture and awards ceremony, where Patty Freedson, professor at the University of Massachusetts, will speak on "Processing Accelerometer Data to Assess Physical Activity: A New Solution to an Old Problem." Measurement & Evaluation Council award recipients will also be honored.

Applied Skills in Online Survey Design to Increase Response Rate

This session will provide hands-on experience to university/college professors, students, researchers, and K-12 teachers in how to effectively design online surveys to increase response rate and decrease missing data. We provide examples of online surveys for different purposes. Examples include teaching methods for measurement teachers, surveys for researchers to collect data, and K-12 teachers to collect student learning assessments/feedback and parent opinions. Participants will also have an opportunity to create an online survey.

Physical Activity & Health Disparities: Measurement and Implications

This symposium will provide an overview of physical activity and health disparities among different U.S. demographic and socioeconomic subpopulations (e.g., race/ethnicity, gender, income, education, age, disability). It will raise important measurement issues and challenges in disparity research and introduce selected advanced measurement and statistical techniques such as the differential item/test analysis (DIF) method for physical activity and health disparity research.