



THE RICHARD O. SCHUSTER, DPM MEMORIAL BIOMECHANICS SEMINAR

NOVEMBER 10 & 11, 2018

Featuring presentations by

- Donald R Green, DPM
- Harold Schoenhaus, DPM
- Howard Dananberg, DPM
- R Daryl Phillips, DPM
- Howard Hilstrom, PhD
- J Song, DPM, PhD
- Stanley Beekman, DPM
- James Losito, DPM
- John McNerney, DPM
- Maryann Bilotti, DPM
- Paul Coffin, DPM
- Robert Eckles, DPM
- Russell Volpe, DPM
- Barbara Resseque, DPM
- Jeff Cusack, DPM
- Joseph C D'Amico, DPM
- Barry Block, DPM, JD
- David Skliar, DPM
- Loretta Logan, DPM

**Seminar Location:
NYCPM 53 E. 124th Street
New York, NY 10035**

Register at: www.nycpm.edu/cmelist.asp

The New York College of Podiatric Medicine is approved by the Council on Podiatric Medical Education as a provider of Continuing Education in Podiatric Medicine. The New York College of Podiatric Medicine has approved this activity for a maximum of 15 Continuing Education contact hours.

Contact Audrey Negron with any questions: anegron@nycpm.edu / (212) 410 - 8068

OBJECTIVES

- To provide a meaningful historical and clinical review as well as current relevancy of the contributions of Richard O Schuster DPM to the field of podiatric biomechanics, pediatrics and sports medicine
- To instill an appreciation and understanding of lower extremity phylogenetic and ontogenic influences on lower extremity development with specific reference to pediatric and adult flatfoot
- To discuss and review the etiology, pathomechanics and need for early intervention in the developmental pediatric flatfoot as a major precursor to adult foot pathology
- To present a biomechanical analysis of digital padding in the reduction of plantar pressures
- To illustrate the importance and clinical application of third rocker mechanics
- To review and critically reconsider studies determining the efficacy of custom foot orthoses in the management of mechanically induced plantar heel pain
- To appreciate the integration and application of in vivo, in vitro and in silico methodologies in the study of lower extremity biomechanics
- To be able to understand, appreciate and apply in-shoe pressure analysis in understanding and modifying human gait
- To understand the bio and pathomechanics of hammertoe deformities
- To acquire a facility, rationale and methodology for the objective assessment of orthotic modifications and how they affect gait
- To become familiar and be able to apply Schuster's concept of Total Varus in the identification and management of mechanically induced lower extremity pathology
- To obtain an appreciation of transverse plane disorders in children and the importance of early intervention in their management
- To comprehend the prevalence, clinical significance and management of pseudoequinus
- To be able to determine proper positioning of the calcaneus in subtalar arthrodesis or arthrodesis
- To be aware of and be able to clinically assess and manage Achilles Tendinitis
- To determine whether a 3D printed talus can duplicate normal joint biomechanics
- To realize the important role of biomechanics in college sports
- To be aware of biomechanical differences in the conservative management of fixed position sports

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Audrey Negron, Administrative Coordinator, Graduate Medical Education
New York College of Podiatric Medicine
53 East 124th Street, New York, NY 10035

SATURDAY, NOVEMBER 10th, 2018

- 7:00 BREAKFAST / SIGN-IN
- 7:30 Biomechanical Evaluation of Digital Padding in Reduction of Plantar Pressure
Jinsup Song DPM, PhD
- 8:00 Third Rocker Mechanics Explored
Jeff Cusack DPM
- 8:30 A Critical Analysis of the Studies to Determine the Efficacy of Foot Orthoses in the Management of Plantar Heel Pain
Stanley Beekman DPM
- 9:15 The Integration of In Vivo, In Vitro and In Silico Methodologies in the Study of Lower Extremity Biomechanics
Howard Hilstrom PhD
- 10:00 EXHIBITOR BREAK / REFRESHMENTS
- 10:30 In-Shoe Pressure Analysis and its Application to Understanding Human Gait
Howard Dananberg DPM
- 11:15 Biomechanics of Hammertoe Deformities
Donald R. Greene DPM
- 12:00 LUNCH
F SCAN WORKSHOP – Bruce Frankel Conference Center, 3rd Floor
Orthotic Modifications and How They Affect Gait
Howard Dananberg DPM
- 1:00 Biomechanical Principles
R Daryl Phillips DPM
- 1:45 The Importance of Schuster's Total Varus in Biomechanical Evaluation of Lower Extremity Function
J David Skliar DPM

AGENDA

- 2:15 The Concepts of Richard O. Schuster, DPM in the Modification and Enhancement of Foot Orthoses
Paul Coffin DPM
- 3:00 EXHIBITOR BREAK / REFRESHMENTS
- 3:30 Hallux Abducto Valgus: Why Some People Get Bunions and Some Don't
R Daryl Phillips DPM
- 4:15 An Analysis of the Biomechanics/Orthopedics Curriculum in Colleges of Podiatric Medicine
Loretta Logan DPM



SUNDAY, NOVEMBER 11th, 2018

- 7:00 BREAKFAST / SIGN-IN
- 7:30 Identification and Management of Transverse Plane Disorders in Children
Barbara Resseque DPM
- 8:00 Idiopathic Toe Walking in Children
Mark Caselli, DPM
- 8:30 Asymptomatic Pediatric Flatfoot – Where Are We in 2018?
Russell Volpe DPM
- 9:15 Developmental Flatfoot: The Primary Etiology in Adult Foot Pathology
Joseph C D'Amico DPM
- 10:00 EXHIBITOR BREAK / REFRESHMENTS
- 10:30 Pediatric Flatfoot
Harold Schoenhaus DPM
- 11:15 Pseudoequinus – Positioning of the Calcaneus in Subtalar Arthroresis or Arthrodesis
Donald R Green DPM
- 11:35 Positioning of the calcaneus is Subtalar Arthroresis or Arthrodesis
Donald R Green DPM
- 12:00 LUNCH
12:00 - 12:30 - F SCAN WORKSHOP: ORTHOTIC MODIFICATIONS AND HOW THEY AFFECT GAIT
Howard Dananberg DPM
- 1:15 Legal Aspects of Biomechanics
Barry Block DPM JD

AGENDA

- 1:30 Bringing the Ground Up to the Foot: Schuster's Concepts
John McNerney DPM
- 2:15 Achilles Tendinitis: Identification, Classification, Pathomechanics and Management
James Losito DPM
- 3:00 EXHIBITOR BREAK / REFRESHMENTS
- 3:30 The Role of Biomechanics in College Sports
Mary Ann Billotti DPM
- 4:00 Podiatric Intervention in Fixed Position Sports
Robert Eckles, DPM, MPH

