John J. Brems, MD

Dr. John J. Brems attended Georgetown University in 1974 and earned a Bachelor of Science in Chemistry. A few years later, in 1978, he graduated from Georgetown University School of Medicine (GUSOM).

After receiving his degree from GUSOM, Dr. Brems attended the Cleveland Clinic Foundation for an internship and orthopaedic surgery residency. Once his residency was completed, he continued his studies via a shoulder fellowship with Charles S. Neer at Columbia University in New York, NY.

In 1983 he began to practice at the Cleveland Clinic Foundation, and from 1990 to 2000 served as the program director of their Orthopaedic Residency program.

From 2000-2012, he was active in the AAOS and the ABOS as an oral board examiner. Dr. Brems was also a section head for the Upper Extremity ABOS exam, and was the Upper Extremity Self Assessment (AAOS) Chairman and OITE.

Currently, Dr. John J. Brems is the Primary Implant Designer with Tornier "Simpliciti" TSR (FDA–IDE trials).

PENNSTATE HERSHEY
Milton S. Hershey Medical Center

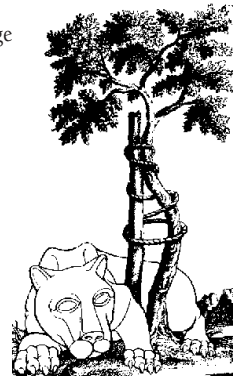
Audience

This program is designed for physicians, PhDs, physician assistants, nurse practitioners, nurses, and residents.

Description

The Buchanan Lecture was established in 1990 to honor the memory of James Robert Buchanan, M.D. (*Buck*). Buck had achieved the rank of Associate Professor in the Division of Orthopaedic Surgery and become an internationally respected investigator in calcium endocrinology and metabolic bone disease by the time his short career ended.

The Buchanan Lecture



Dr. Buchanan was a graduate of Swarthmore College and The College of Medicine of the University of Maryland. After completing his Orthopaedic residency here at Penn State, he joined the Orthopaedic faculty.

His active clinical practice combined general Orthopaedics and hand surgery. In the laboratory, he applied an interest in vitamin D metabolism to the problem of postmenopausal osteoporosis. His pioneering work in this field earned him several research grants and invited lectureships throughout this country and abroad.

Buck was a true renaissance man. Interest in any subject seemed to lead inevitably to expertise. He was simultaneously a clinician, a teacher, an authority on the world's finest restaurants, a wine connoisseur, a professional-level pianist, a brilliant wit, and to those who knew him, a valued husband, father and friend.

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Penn State College of Medicine
Department of Orthopaedics and Rehabilitation

(presents)

25th Annual

James Buchanan Memorial Lecture

Friday, June 13, 2014

• Lecture Room D •
Penn State Milton S. Hershey Medical Center
Hershey, Pennsylvania

PENNSTATE HERSHEY
Orthopaedics and Rehabilitation

Objectives

Upon completion, participants should be able to:

1. Identify areas of improvement in Orthopaedic practice
2. Use new basic science techniques to aid clinical decision making
3. Employ evidence-based practices in Orthopaedic care

Program Schedule

7:15 am Continental Breakfast and Registration

7:45 am Opening Remarks
*Kevin P. Black, M.D.**
Professor and C. McCollister Evarts Chair

8:00 am Perspectives—A Career as an Orthopaedic Surgeon 1983–2013
John J. Brems, M.D.
Retired
Department of Orthopaedic Surgery
The Cleveland Clinic Foundation
Cleveland, Ohio

9:00 am Wound Complication in Thyroxine-Supplemented Patients Following Foot and Ankle Surgery
*Robert Grunfeld, M.D.**
Chief Resident

9:20 am The Role of Achilles Tendon in Metatarsalgia
*Blake E. Moore, M.D.**
Foot and Ankle Fellow

9:40 am Break

10:00 am Dimensional Anatomic Study of the Distal Phalanx
*Rodney E. Brenneman, M.D.**
Chief Resident

10:20 am Infection after Fasciotomies and Open Reduction Internal Fixation of Tibial Plateau Fractures
*Rachel B. Sotsky, M.D.**
Trauma Fellow

10:40 am Finite Element Modeling for Parameters of Fracture Repair
*Hwa Bok Wee, Ph.D.**
Postdoctoral Fellow

11:00 am Lunch

11:40 am Exploiting Novel Biomaterials for Bone Regeneration
*Henry Donahue Ph.D.**
Michael and Myrtle Baker Professor of Orthopaedics, Bioengineering and Cellular and Molecular Physiology
Vice Chair for Research
Director, Division of Musculoskeletal Sciences

12:00 pm Personalized Artificial Bone Contructs: State of the Art and Future Direction
*Shailly Jariwala, Ph.D.**
Postdoctoral Fellow

12:20 pm Bicortical Locked Fixation Improves Stability in Treatment of Periprosthetic Femur Fractures
Darin Jurgensmeier, M.D.
Chief Resident

12:40 pm Klein Line on the Anteroposterior Radiograph is not a Sensitive Diagnostic Radiograph Test for Slipped Capital Femoral Epiphysis
*Gregory J. Pinkowsky, M.D.**
Chief Resident

1:00 pm Break

1:20 pm K-Wire Removal in Pediatric Elbows
*Scott M. Sorenson, M.D.**
Chief Resident

1:40 pm MRI Evaluation of Tibial Tubercle/Trochlear Groove Distance in Patellar Instability
*Michael A. Sirota, M.D.**
Sports Fellow

2:00 pm Neck Strength and Concussion Evaluation in Collegiate Athletes
*Michael E. Pitzer, M.D.**
Primary Care Sports Fellow

2:20 Program Evaluation and Adjournment

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* Department of Orthopaedics and Rehabilitation, Penn State Milton S. Hershey Medical Center, Penn State College of Medicine

Access

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of special accommodation or have questions about the physical access provided, please contact Penn State Orthopaedics at least one week in advance of your participation or visit.

Credit

Penn State College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Penn State College of Medicine designates this live activity for 5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Fee/Registration/Cancellation

There is no fee for this program. Registration, however, is required. The University may cancel or postpone any course or activity because of insufficient enrollment or other unforeseen circumstances. If a program is canceled or postponed, the University cannot be held responsible for any related costs, charges, or expenses, including cancellation/change charges assessed by airlines or travel agencies. Preregistered participants will be notified if a program is filled or canceled.

To Register, Please Contact:

Mail: Janice Woodley
Penn State Hershey
Bone and Joint Institute
30 Hope Drive EC089, P.O. Box 859
Hershey, PA 17033

Phone: 717-531-4833

Web: pennstatehershey.org/ortho