



J. Tracy Watson M.D.

Dr. Watson was born and raised outside of Ten Sleep, Wyoming (pop. 314). He graduated from the University of Wyoming with a degree in Zoology and Physiology and was set to become a Forest Ranger or work in Range Management...except that he also had applied to medical school on the advice from his Genetics advisor.

Graduated from Creighton University School of Medicine in 1981 (M.D.) and went on to the Cleveland Clinic Foundation to complete his Orthopaedic Surgery Residency. Following residency he completed an Orthopaedic Trauma fellowship at Parkland Hospital - U.T. Southwestern Medical School with the late Ken Johnson M.D., and Bob Bucholz M.D. Following the Parkland fellowship he completed two additional A/O fellowships, the first in St. Gallen, Switzerland and the second in Munich, Germany with Berndt Claudi M.D. where distraction (Ilizarov) methodologies were first observed.

He returned to the Cleveland Clinic Foundation for 4 years as director of the Complex Fracture Service and began applying Ilizarov techniques to trauma and non-union cases. During this time (1989) he was fortunate enough to travel to Kurgan, Siberia and spend 1 month with Professor Ilizarov. He subsequently spent the next 14 years in Detroit, Michigan at Henry Ford Hospital and Wayne State University where there was no shortage of urban trauma cases. At Detroit Receiving Hospital he served as Vice Chief of Orthopaedics. During this time, his expertise in the emerging arena of orthobiologics and bone growth factor application developed and continues to be the core of his basic science research today. For the past 10 years he has been Chief of the Orthopaedic Trauma Service and Professor of Orthopaedic Surgery at St. Louis University School of Medicine.

Dr. Watson has been active in academics and national trauma organizations for the last 20 years. He has published extensively on a wide variety of trauma related topics and lectures nationally and internationally on his clinical and basic science research interests. He is a recognized expert in the areas of severe bone loss, bone transport, peri-articular injuries, as well as deformity correction. He sits on the editorial boards of the Journal of Orthopaedic Trauma, The Journal of Trauma, Clinical Orthopaedics and Related Research, Bone, as well as The Journal of Bone and Joint Surgery. He is a charter-founding member of the Limb Lengthening and Reconstruction Society and also a founding board member of the Foundation for Orthopaedic Trauma and the National Trauma Institute. He is active in the Orthopaedic Trauma Association, heading the Fellowship and Career Choice committee for many years and is the Past President of the Orthopaedic Trauma Association serving as President of the OTA in 2008-09.

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.



Description

The Buchanan Lecture was established in 1990 to honor the memory of James Robert Buchanan, M.D. *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.

Audience

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



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Penn State College of Medicine
Department of Orthopaedics and Rehabilitation

(presents)

24th Annual

James Buchanan

Memorial
Lecture

Friday, June 7, 2013

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

PENNSTATE HERSCHEY
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 a.m. *Continental Breakfast and Registration*

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

8:00 **Femoral Nailing:
Where Are We Now?**
J. Tracy Watson, M.D.
Professor of Orthopaedic Surgery
Chief, Orthopaedic Trauma Service
St. Louis University School
of Medicine, St. Louis, Missouri

9:00 **Outcomes of Peroneus Longus
to Peroneus Brevis Transfers**
Samuel G. Dellenbaugh, M.D.*
Foot and Ankle Fellow

9:20 **The Bridle Procedure:
A Case Series**
James F. Flynn, M.D.*
Chief Resident

9:40 **Evaluation of Poly-articular Lyme
Disease in the Pediatric Population**
Amiethab A. Aiyer, M.D.*
Chief Resident

10:00 *Break*

10:20 **Comparison of Fixation Strength
of Various Methods to Secure Soft-
tissue Ligaments to the Lateral Femoral
Condyle During Posterolateral
Corner Reconstructions**
Vikram M. Sathyendra, M.D.*
Chief Resident

10:40 **Isokinetic Concentric Average Power
of the Hamstring after Harvest for
ACL Reconstruction**
Yogesh Kolwadar, M.D.*
Orthopaedic Sports Medicine Fellow

11:00 **The Rate of Abnormalities Discovered
on 2D Echocardiography During
Pre-participation Evaluation of
NCAA Division 1 Athletes**
Aaron R. L. Dawes, M.D.*
Primary Care Sports Medicine Fellow

11:20 **Comparison of the Underwater
Treadmill, Land Based Treadmill, and
Exercise Cycle on Patient Reported
Symptoms of Knee Osteoarthritis**
Matthew L. Silvis, M.D.*
Associate Professor, Family and
Community Medicine and
Orthopaedics and Rehabilitation

11:40 *Lunch*

12:40 p.m. **Orthobiologics: Valuable Asset
or Marketing Misdirection?**
J. Tracy Watson, M.D.
Professor of Orthopaedic Surgery
Chief, Orthopaedic Trauma Service
St. Louis University School
of Medicine, St. Louis, Missouri

1:00 **Mechanical Microenvironment
in Peri-implant Tissues**
Hwa Bok Wee, Ph.D.*
Postdoctoral Fellow

1:20 **Pulse Lavage is Inadequate at Removal
of Biofilm from TKA Components**
Kenneth L. Urish, M.D.*
Chief Resident

1:40 **Proximal Fixation in Peri-prosthetic
Hip Fractures**
Cyrus T. Caroom, M.D.*
Trauma Fellow

2:00 *Program Evaluation and Adjournment*

2:15 **Resident Session with Dr. Watson**

3:15 *Session Adjournment*

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

Access

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Credit

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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:

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