## **Guest Lecturer: Judy Baumhauer**

Matthew Webb, MD, MHS

On January 12<sup>th</sup>, 2017 Dr. Judith F. Baumhauer MD MPH visited the Department of Orthopaedic Surgery at the Hospital of the University of Pennsylvania for the annual June C. Wapner Memorial Lectureship. Dr. Baumhauer is a Professor of Orthopaedics and Associate Chair of Academic Affairs at the University of Rochester Medical Center. The first annual June Wapner Endowed

Lectureship was held on May 24<sup>th</sup>, 2012 and hosted Dr. Roger Mann, professor of orthopaedic surgery and director of the foot and ankle fellowship program at Oakland Bone & Joint

Specialists, and the lectureship has since hosted some of the many leaders in foot and ankle surgery including James A. Nunley, MD in 2014 the former Chair of the Department of Orthopaedics at Duke University and former president of the American Orthopaedic Foot and Ankle Society (AOFAS).

Dr. Judith F. Baumhauer earned her medical degree at the University of Vermont College of



University of Vermont College of Medicine where she was

elected to the Alpha Omega Alpha honor society. She then completed her residency in orthopaedic surgery there at the Medical Center Hospital of Vermont. Dr. Baumhauer went on to complete her fellowship in foot and ankle surgery at the Medical College of Wisconsin. She then earned a Masters in Public Health from the University of Rochester School of Medicine and Dentistry. Dr. Baumhauer is currently the director the Foot and Ankle Institute at the University of Rochester Medical Center, a joint venture in clinical care and research between the University of Rochester Medical Center Department of Orthopaedics and Rehabilitation and the Ithaca College Department of Physical Therapy.

Dr. Baumhauer is the recipient of numerous research grants and author of many articles in the scientific literature and she has made numerous academic contributions to the field of foot and ankle surgery on many foot and ankle topics such as the diabetic foot, foot and ankle biomechanics, and gender disparities in foot and ankle surgery<sup>1,2</sup>. Dr. Baumhauer has also published extensively on the reliability and validity clinical measurements in foot and ankle surgery<sup>36</sup>, and she has also collaborated on projects with our own faculty at Penn<sup>1,7</sup>. She has authored multiple contributions to textbooks in the field including the foreward and rheumatoid chapter in the first edition of Gould's The Handbook of Foot and Ankle Surgery and the chapter on plantar heel pain in the ninth edition of Mann's Surgery of the Foot and Ankle. Dr. Baumhauer served as course faculty for more than 30 national, international and regional courses. She is a reviewer for several scientific





journals including Journal of Bone and Joint Surgery, Journal of Orthopaedic Research, Techniques in Foot and Ankle Surgery and American Journal of Orthopaedics.

Dr. Baumhauer is involved in national leadership in the field and has served on the AOFAS Board of Directors in various roles. She served as AOFAS Board Vice President and Secretary, and Editor of the AOFAS member newsletter, prior to becoming President. Dr. Baumhauer also sits on the Board of Directors of the Orthopaedic Foot & Ankle Education Foundation; is a member of the AOFAS Finance Committee and a reviewer for the scientific journal, Foot & Ankle International (FAI). In 2010 she traveled on the AOFAS Overseas Outreach Project to Vietnam as a surgical volunteer and is the recipient of both the prestigious Roger Mann Award and J. Leonard Goldner Awards. She has received the J. Leonard Goldner Award which recognizes authorship on the most outstanding basic science paper presented at the AOFAS annual meeting twice, most recently in 2016. The only person to win this award more than twice is none other than James A. Nunley (2003, 2010, 2011). In 2008, Dr. Baumhauer was elected the first woman president of the Eastern Orthopaedic Association and in 2011 she was installed as the first woman president of the AOFAS.

On January 12th, 2017 the faculty and residents of the Department of Orthoapedic Surgery at the Hospital of the University of Pennsylvania were delighted to welcome Dr. Baumhauer for three lectures entitled "Patient Reported Outcomes: How They Influence the Care We Give Our Patient," "Great Toe Surgery for Arthritis," and "Cheilectomy, Fusion, and Synthetic Cartilage Implant." Her lectures sparked discussion about patient reported outcome measures, in particular the PROMIS system. Following her lectures, she demonstrated modern techniques in foot and ankle surgery in our Human Tissue Laboratory. We hope to integrate innovations that Dr. Baumhauer presented during her visit into our department in the future.

## References

1. O'Connor K, Bragdon G, Baumhauer JF. Sexual dimorphism of the foot and ankle. Orthop Clin North Am 37(4): 569, 2006

 Baumhauer JF, McIntosh S, Rechtine G. Age and sex differences between patient and physician-derived outcome measures in the foot and ankle. *J Bone Joint Surg Am* 95(3): 209, 2013
Nawoczenski DA, Baumhauer JF, Umberger BR. Relationship between clinical measurements and motion of the first metatarsophalangeal joint during gait. *J Bone Joint Surg Am* 81(3): 370, 1999

4. Umberger BR, Nawoczenski DA, Baumhauer JF. Reliability and validity of first metatarsophalangeal joint orientation measured with an electromagnetic tracking device. *Clin Biomech* (Bristol, Avon) 14(1): 74, 1999

5. Dhawan V, Spratt KF, Pinzur MS, Baumhauer J, Rudicel S, Saltzman CL. Reliability of AOFAS diabetic foot questionnaire in Charcot arthropathy: stability, internal consistency, and measurable difference. *Foot Ankle Int* 26(9): 717, 2005

6. Baumhauer JF, Nawoczenski DA, DiGiovanni BF, Wilding GE. Reliability and validity of the American Orthopaedic Foot and Ankle Society Clinical Rating Scale: a pilot study for the hallux and lesser toes. *Foot Ankle Int* 27(12): 1014, 2006

7. O'Connor K, Baumhauer J, Houck JR. Patient factors in the selection of operative versus nonoperative treatment for posterior tibial tendon dysfunction. *Foot Ankle Int* 31(3): 197, 2010.