June 27, 2019: Leung Lectureship

Dr. John G. Seiler, III

Tendon repair and reconstruction of wrist, elbow, and brachial plexus at Georgia Hand, Shoulder & Elbow; Clinical Professor of Orthopaedic Surgery at Emory University

Born in Louisville, KY, Dr. Seiler attended medical school at the University of Louisville and completed his Orthopaedic Surgery training at Vanderbilt University. After a fellowship at Harvard he settled in Atlanta, GA where he has been in practice since 1990.

Now a Clinical Professor of Orthopaedic Surgery at Emory University in the Department of Orthopaedic Surgery, he is also the managing partner at Georgia Hand Shoulder and Elbow and Georgia Surgical Center on Peachtree.

He is a director of the Orthopaedic Surgery Service Line at Piedmont Hospital where he manages the program for quality metrics in Orthopaedic Surgery and was the 54th President of the American Board of Orthopaedic Surgery. He is the President of the American Foundation for Surgery of the Hand and a member of the Council for the American Society for Surgery of the Hand.

A continuously active clinician, Dr. Seiler's research interests have focused on tendon and nerve repair after injury. He was the recipient of the Marshall Urist Award for his work on Flexor Tendon Grafting that elucidated differences in tendon survival characteristics after transfer to the synovial space.

The University of Pennsylvania Department of Orthopedics was honored to welcome Dr. Seiler as speaker for the Leung Lectureship on June 27, 2019. In "It's Only a Stinger," Dr. Seiler spent his first hour discussing the epidemiology, anatomical considerations, and treatment options related to "stinger" injuries in high school, college, and professional athletes. His lecture highlighted how serious these injuries can be, but also pointed towards several treatment strategies employed by his group and by other specialists in the field.

Dr. Seiler offered a valuable perspective in his second lecture "Think About How You're Thinking," and then finished the morning by leading anatomical dissection and demonstration of flexor tendon repairs with the residents in the human tissue lab.

June 27, 2019: "It's Only a Stinger," Dr. John Seiler speaking during the Leung Lectureship for University of Pennsylvania Department of Orthopaedic Surgery Grand Rounds

Dinner on June 26, 2019. Left to right: Benjamin Gray, MD; Stephen Liu, MD; David Steinberg, MD; John G. Seiler III, MD

August 7, 2019

Dr. Bauback Safa

Reconstructive microsurgeon and hand surgeon at the Buncke Clinic; Clinical Assistant Professor of Surgery at Stanford and UCSF divisions of plastic surgery

Dr. Safa is a reconstructive microsurgeon and hand surgeon at the Buncke Clinic. He studied music at the University of Virginia as an Echols scholar, completed medical school and plastic surgery at Stanford, followed by a fellowship in hand and microsurgery at the Buncke Clinic where he has been on staff since 2008. His clinical focus is on complex reconstruction of the hand, peripheral nerve surgery, lower extremity reconstruction, and phalloplasty. Dr. Safa is the 2019 American Society for Reconstructive Microsurgery Godina Fellow.

The University of Pennsylvania Department of Orthopedics was honored to welcome Dr. Safa for Grand Rounds on August 7, 2019.

Dr. Safa's talks included "Advances in Replantation: Revisiting Conventional Wisdom" and "Decision-Making in Complex Upper Extremity Reconstruction: Thinking Beyond Step One."The cases and papers presented by Dr. Safa showed just how wide a breadth of upper extremity injuries may be replanted with excellent cosmetic as well as functional outcomes and truly did challenge the "conventional wisdom" of what might have once been thought possible. Dr. Safa also provided valuable insight into his experience in helping set a high bar for what can be thought of as the standard of care for these injuries, utilizing a methodical, forward-thinking team- and systems-based approach to optimize efficiency and communication both inside and outside the operating room to ensure the best outcome for the patient not just for that day, but also for down the road.

Dr. Safa concluded the morning by leading the residents in the human tissue lab in anatomical dissection, with review of intrinsic hand flaps as well as other upper extremity reconstruction options.

August 7, 2019: "Advances in Replantation: Revisiting Conventional Wisdom," Dr. Bauback Safa speaking at University of Pennsylvania Department of Orthopaedic Surgery Grand Rounds.

September 12, 2019

Dr. David Lowenberg

Clinical Professor of Orthopaedic Surgery at Stanford University

David W. Lowenberg, MD is Clinical Professor of Orthopaedic Surgery at the Stanford University School of Medicine and served as the Chief of the Orthopaedic Trauma Service at Stanford from June 2010 until January 1, 2016. He is a past President of the Limb Length-ening and Reconstruction Soc-iety of North America, Past President of the Foundation for Orthopaedic Trauma and immediate Past-President of the Osteosynthesis and Trauma Care Foundation International (OTC International) which is composed of 22 chapters around the world with a membership of over 4,000 orthopaedic traumatologists. His clinical and research interests are in the treatment of osteomyelitis and nonunions, fracture biomechanics, and basic science of musculoskeletal infections and biofilm. He is well published in the field of limb salvage and the treatment of devastating limb injuries. He is also co-director of the Buncke Microsurgical Research Laboratory, where his research was on perfecting techniques for limb transplantation via immunotolerance. He has over 50 peer reviewed articles and book chapter publications and over 400 regional, national, and

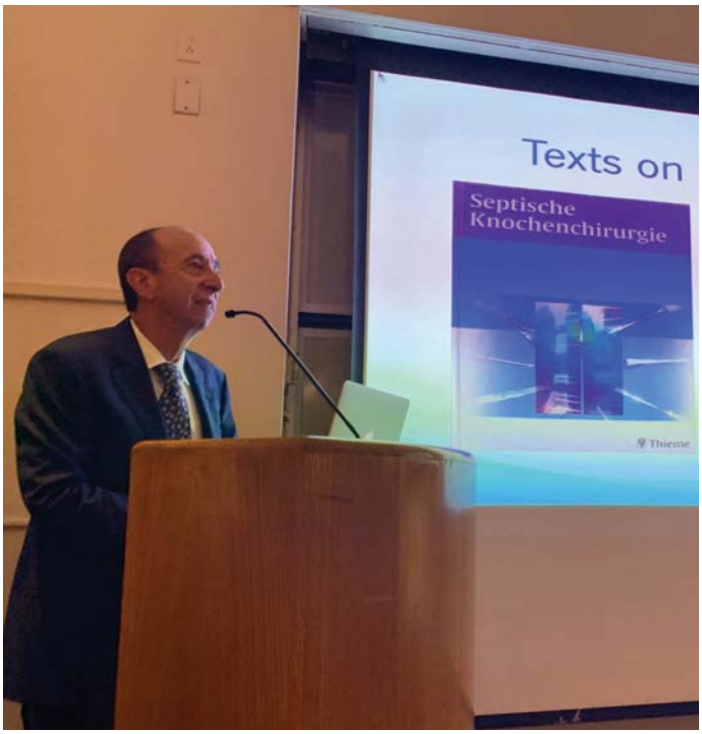
international lectures on osteomyelitis, nonunions, malunions, and trauma. He has an active basic science research lab studying musculoskeletal infection and biofilm physiology and modulation.

Dr. Lowenberg received his undergraduate degree at UC Davis, his medical degree at UCLA and did his internship and residency in orthopaedic surgery at UCSF.

The University of Pennsylvania Department of Orthopedics was honored to welcome Dr. Lowenberg for Grand Rounds on September 12, 2019.

Dr. Lowenberg's talks in the first half of the morning included "Antibiotic Stewardship in the Treatment of Chronic Osteomyelitis: Entering the Post-Antibiotic Era" and "My Last 1,000 Nonunions: What I Have Learned." Dr. Lowenberg provided valuable insight into his experience in the management and treatment of traumatic injuries complicated by acute or chronic infection and challenged the notion of six or more weeks of intravenous antibiotics being a "one-size-fits-all" treatment for osteomyelitis – on the contrary, and in the right patient, he argued, a much shorter course could be sufficient. Dr. Lowenberg also highlighted the body's own role in fighting, or at other times achieving homeostasis with bacterial organisms.

Dr. Lowenberg concluded the morning with lively case presentation and discussion with the residents.



September 12, 2019: Dr. David Lowenberg speaking at University of Pennsylvania Department of Orthopaedic Surgery Grand Rounds.

November 21, 2019

Dr. Thomas Wright

Frank P. Glowczewskie Professor of Orthopaedic Surgery at the University of Florida, Director of Interdisciplinary Center for Musculoskeletal Training & Research; Division Chief, Hand and Upper Extremity

Dr. Thomas W. Wright obtained his MD degree from the University of Florida in 1983. He completed his Orthopaedic Residency from the University of Florida in 1989. Dr. Wright was given an Appointment as a Clinical Instructor with the University of Florida from 1988-1989. He completed his Hand Fellowship training in 1990 at the Mayo Clinic in Rochester, Minnesota. Dr. Wright is ABOS certified and has a Certificate of Added Qualifications for Surgery of the Hand.

The University of Pennsylvania Department of Orthopedics was honored to welcome Dr. Wright for Grand Rounds on November 21, 2019.

Dr. Wright's talks in the first half of the morning included "Intra-Operative Surgical Navigation: Is it Worth the Fuss?" and "Proximal Humerus Fractures – Avoiding Complications – Technical Tips."

Dr. Wright shared his experience with utilizing intra-operative surgical navigation for shoulder arthroplasty, detailing his observations and patient outcomes both before and after he began to incorporate surgical navigation into his practice. He then went on to present several cases of patients presenting with proximal humerus fractures, which served to highlight several key learning points regarding management of these injuries that can sometimes be deceivingly tricky.

Dr. Wright concluded the morning with lively case presentation and discussion led by the residents.

January 16, 2020: Annual Gentchos Lectureship

Prof. Andrew Carr

Nuffield Professor of Orthopaedics, Director of the Musculoskeletal BRC Theme, Director of the Botnar Research Centre

Professor Andrew Carr DSc FRCS FMedSci is the Nuffield Professor of Orthopaedic Surgery at the University of Oxford where he founded and directs the Botnar Research Centre, one of the world's leading musculoskeletal disease research Institutes.

Professor Carr has focused his research on the development and evaluation of surgical implants and technologies, including joint replacements, minimally invasive surgery and tissue engineering scaffolds. He has pioneered the importance of patients' views in assessing the outcome of surgery and the Oxford Scores, which he co-invented and are now used globally to assess patient outcomes and direct health policy. He is author of over 450 papers and review articles including more than 20 in the Lancet and BMJ which have been cited over 26,000 times. He has been chief investigator of multicentre randomised controlled trials of surgery and has improved the National infrastructure for clinical trials of surgery in the UK. His clinical trial research has included defining the indications for, and ethics of, placebo surgery controls in surgical trials.

He has held senior leadership positions in the University and NHS sectors in the UK and was Divisional Director of the Nuffield Orthopaedic Centre during the merger of all Oxford's hospitals to form Oxford University Hospitals NHS Foundation Trust. He has held trustee and advisory roles with charities Universities and Research Councils internationally.

The University of Pennsylvania Department of Orthopedics was honored to welcome Professor Andrew Carr for Grand Rounds on January 16th, 2020 for the annual Gentchos Lectureship.

Prof. Carr's talks in the first half of the morning included "Improving Evidence for Orthopaedic Surgery" and "Bioactive Surgical Implants: The Journey from Laboratory to Clinic."

Prof. Carr's shared his research experiences, which ranged from laboratory-based basic science research, to large scale multi-center randomized clinical studies. His clear leadership on these fronts served as an unspoken call to action for those in the audience—a challenge to encourage everyone to push the old boundaries of orthopaedic research from what previously might have been thought "feasible" or "practical" and to raise the bar to keep finding better answers to clinical questions that are critical for providing the best patient care possible.

Prof. Carr concluded the morning by moderating an exciting ethical debate amongst the residents regarding the usage of placebo controls in randomized surgical trials.

February 27, 2020

Dr. Edward McDevitt

Captain (Retired), US Navy; former Chief of Sports Medicine and Brigade Medical Officer at the United States Naval Academy and Chief of Surgery at Anne Arundel Medical Center

Edward R. McDevitt M.D. a native Clark NJ, attended Bucknell University, and is a graduate of Hahnemann Medical College. His Orthopaedic training was done at Portsmouth Naval Hospital and 12 of his 24 years of active duty service were spent at the United States Naval Academy as Chief of Sports Medicine and Brigade Medical Officer He continues as a volunteer Team Physician for the Navy men's and women's basketball teams. For 12 years he was the Orthopaedic Surgeon for the US Congress and the Supreme Court. He was previously the Chief of Surgery at Anne Arundel Medical Center. He is on the Editorial Board of the American Journal of Sports Medicine and serves on positions of Leadership on multiple Orthopaedic Organizations.

As a medical history buff, he has given talks about the Plague in Florence, the American Civil War to physicians in the US, and Ireland, and World War II injuries in France, on D-Day. His latest talks include the Dangers of Opioids, Concussions, Electronic Cigarettes, and Physician Suicide, a growing epidemic. He teaches courses on the History of Medicine at the University of Maryland, College Park and the University of Maryland Medical School. He presently works in the Annapolis Hand Center.

The University of Pennsylvania Department of Orthopedics was honored to welcome Dr. Edward McDevitt for Grand Rounds on February 27th, 2020.

Dr. McDevitt's talks in the first half of the morning included "Is Football Too Dangerous?" and "Physician Suicide: Time to

Act." These topics are not necessarily the easiest to discuss – but they are important – and the candid and heartfelt manner in which Dr. McDevitt shared his experiences and thoughts related to both subjects was welcome by all.

Dr. McDevitt concluded the morning with an informal discussion with the residents in which he recounted some of the eye-opening and humbling experiences he had during his time serving as Orthopaedic Surgeon for the US Congress and the Supreme Court for 12 years. He also took a few moments to impart insights from medical history, such as describing how events like the Civil War were actually instrumental in revolutionizing healthcare delivery as it had been known at the time and how those changes helped to bring about the modern healthcare system as we know it today.