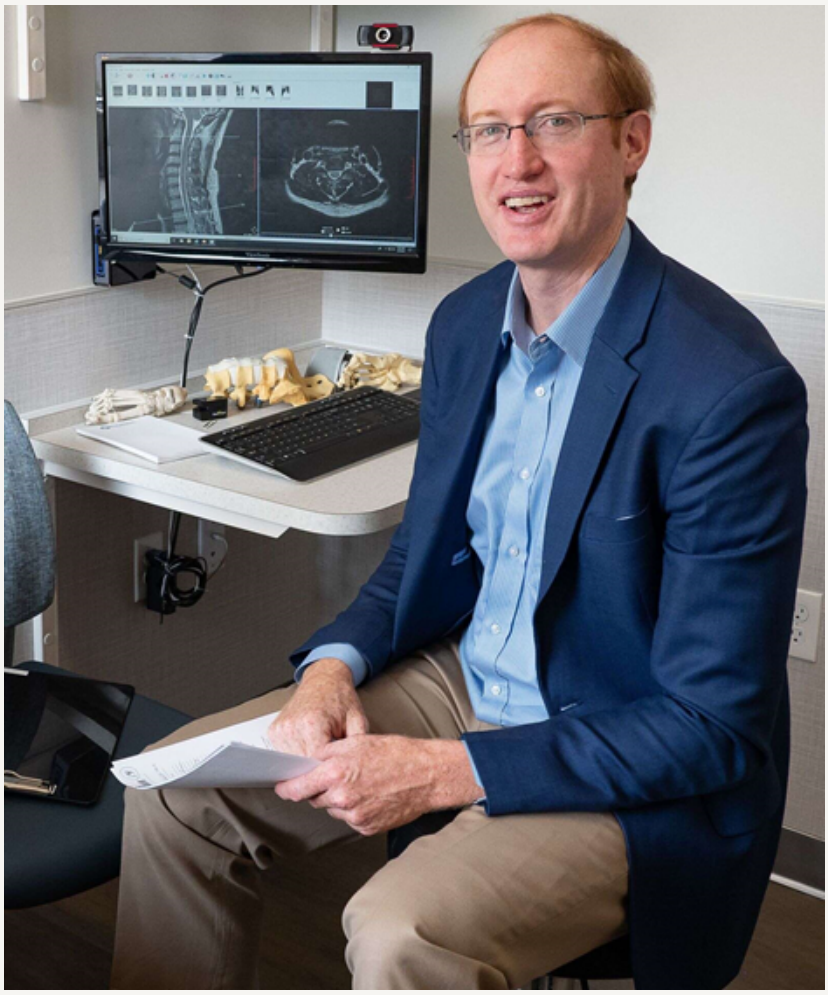

SECOND ANNUAL

CLINT DEVIN, MD

MEMORIAL LECTURESHIP

FRIDAY

APRIL 28, 2023

LIGHT HALL

202

WELLINGTON K. HSU, MD

Clifford C. Raisbeck, MD, Professor of Orthopaedic Surgery at the Northwestern Feinberg School of Medicine

Director of Research for the Musculoskeletal Institute at Northwestern Medicine

Northwestern Department of Neurological Surgery

Dr. Hsu's clinical practice focuses on the use of minimally invasive procedures to treat spinal disorders. This includes the integration of technological advances such as image navigation, percutaneous instrumentation placement, and robotic surgery. He has widely popularized and internationally introduced the use of novel techniques to shorten recovery times and improve outcomes such as lateral interbody lumbar fusions, cortical pedicle screws, and posterior tubular access surgery.

He is also a past winner of the James K. Stack Northwestern Department of Orthopaedic Surgery Teaching Award, voted upon the resident physicians of the program.

As part of the Simpson Querrey Institute of Bionanotechnology, the Hsu laboratory focuses on developing novel biomaterials for bone regeneration. Dr. Hsu and his wife, Erin L. Hsu, PhD, study stem cell-based therapies, nanotechnology-based synthetic matrices, and osteoinductive 3D-printable natural materials in order to provide a growth-factor-free bone graft substitute for spinal fusion. Work from the Hsu laboratory has received international recognition and recently been published in high-impact journals such as Nature Nanotechnology and Science Translational Medicine. These efforts are funded by a prestigious National Institutes of Health R01 research grant making Northwestern University one of the few orthopaedic departments in the country to hold such an honor.

Dr. Hsu has also been widely acknowledged for his clinical research efforts involving the orthopaedic care of elite and professional athletes. Over the past decade, his research team has developed the Sports Professional Orthopaedic Research Tool (SPORT) which utilizes predictive modeling to increase the understanding of the impact of musculoskeletal procedures on clinical outcomes such as game performance. Work from this research program has led to more than 20 peer-reviewed manuscripts and 70 international presentations reporting outcomes from a variety of injuries and identifying sport-specific demands that affect return-to-play rates after treatment.

VANDERBILT HEALTH | Orthopaedics

CLINTON JAMES DEVIN, M.D.

Dr. Devin started his academic career at the University of Wyoming with his Bachelor of Science degree and received his medical degree at Vanderbilt University School of Medicine. It was there he met his wife, Jessica Devin, MD. The couple stayed at Vanderbilt for their residency training in their respective fields of orthopaedics and endocrinology. Dr. Devin briefly practiced at the Texas Orthopaedic Hospital in Houston following his fellowship in spine surgery at the University of Pittsburgh Medical Center in 2008. He then returned to Vanderbilt, beginning as a staff orthopaedic surgeon and quickly established an elite academic practice, eventually becoming the director of spine trauma

As a firm believer in the power of outcomes research, Dr. Devin was a pioneer in the establishment of spine outcomes databases. First, at Vanderbilt and later through the AAOS American Spine Registry. He was a tireless researcher who authored more than 160 peer-reviewed publications and frequently spoke on these topics nationally. Dr. Devin was a favorite of the Vanderbilt orthopaedic residents. Many of them looked to him as a long-term mentor, colleague, and friend. He also fostered a collaborative relationship with Vanderbilt's Department of Neurosurgery. Because of this, many of the neurosurgery residents interested in spine surgery chose to spend rotations with him.

In 2017, the Devin family chose to relocate to Steamboat Springs, Colorado and marked a return to Dr. Devin's roots. He and Jessica enjoyed raising their two sons, Conor and Langdon (aged 11 and 9 years, respectively), in an active, outdoor environment. Dr. Devin developed a wide-reaching spine practice, serving patients in remote areas of Wyoming and northwestern Colorado. To assist with his busy commute, Dr. Devin became an instrument-rated private pilot and routinely flew between his far-flung clinics. He was returning from one such clinic on the evening his plane crashed. The outpouring of gratitude from his patients was immense.

Dr. Devin was genuine, humble, and thoughtful. There was no more true or loyal friend. He attacked every day with an immense positive energy that could galvanize even the weariest teammates. He was always looking for the next opportunity to help and gave his time and energy with no concern for credit or recognition. He made each person he touched feel like the most important person in the world. With an unsurpassed work ethic and voracious appetite for learning, he inspired others in his orbit to become better residents, researchers, surgeons, and people. He is missed by so many, and the Clint Devin Memorial Lectureship has been established by his friends and family to honor his legacy, friendships, and many contributions.

VANDERBILT HEALTH | Orthopaedics

FRIDAY, APRIL 28, 2023

LIGHT HALL 202

6:30 to 7:00 A.M.	Breakfast 202 Light Hall
7:00 to 8:30 A.M.	Wellington Hsu, MD Keynote Speaker
9:00 to 11:00 A.M.	Case Presentations Cigarran Conference Room