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TIME SENSITIVE MATERIAL

VISITING PROFESSOR

Regis J. O'Keefe, MD, Professor and Chair of Orthopaedic Surgery at Washington University School of Medicine

FACULTY AND RESIDENTS

Dane K. Wukich, MD, Professor & Chair, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, TX
Kevin Gill, MD, Professor & Program Director, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, TX

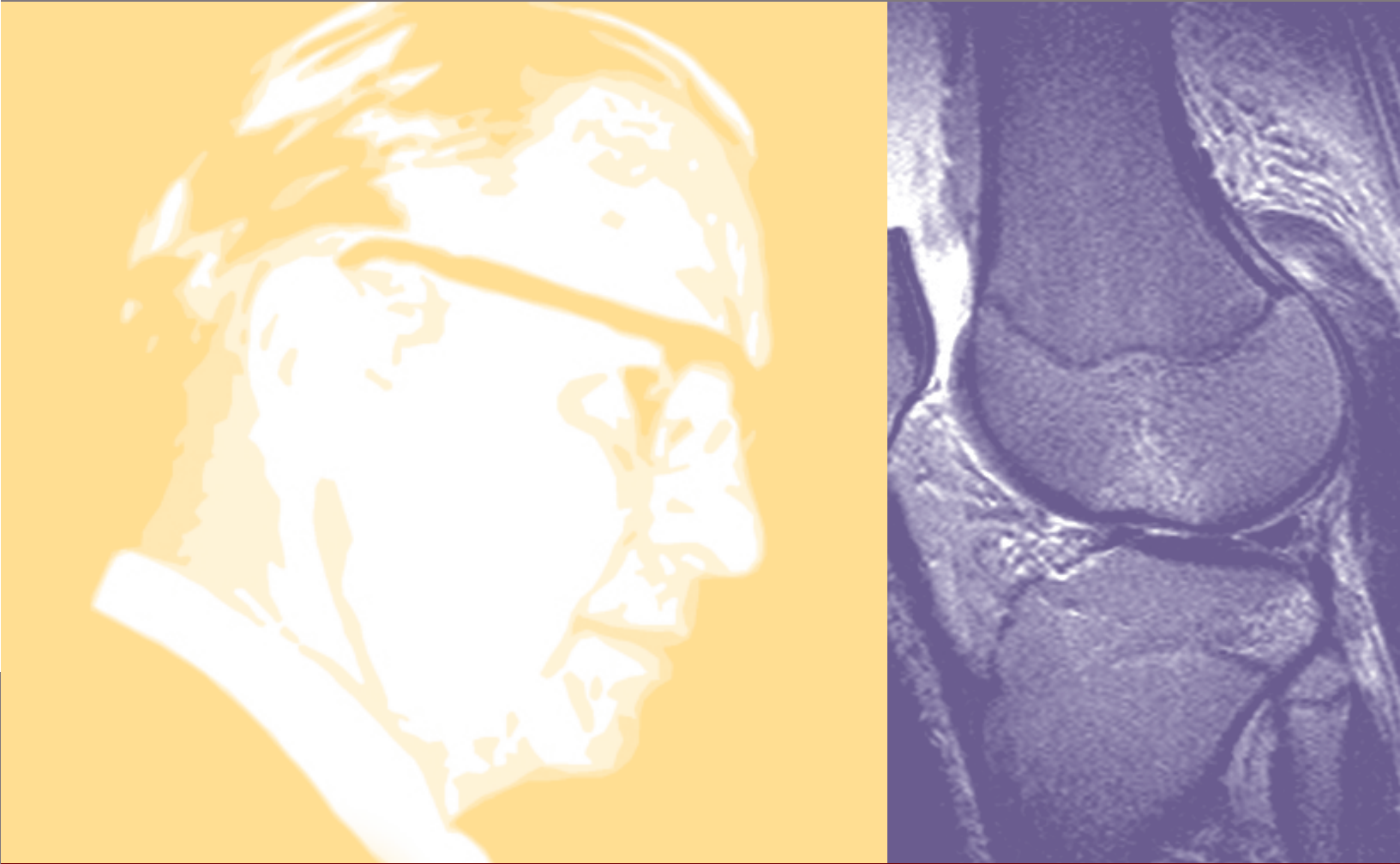
GRADUATING RESIDENT

Brandon Hull, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Matthew Landrum, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Emmanuel Nwelu, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Sean Shahrestani, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Benjamin Schell, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Paul Tavakolian, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas

RESIDENT PRESENTERS

Emmanuel Nwelu, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Michael Del Core, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Ryan Fairchild, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Stephen Gates, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
S. Blake Wallace, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas
Zachary Shirley, MD, Department of Orthopaedic Surgery, UT Southwestern Medical Center, Dallas, Texas

CHARLES F. GREGORY
MEMORIAL LECTURE



TEXAS SCOTTISH RITE HOSPITAL
T. BOONE PICKENS TRAINING AND CONFERENCE CENTER
2222 WELBORN STREET
DALLAS, TEXAS 75219

FRIDAY, JUNE 21, 2019

VISITING PROFESSOR

Regis J. O'Keefe, PhD
Professor and Chair of Orthopaedic Surgery
at Washington University School of Medicine



Sponsored by
The Department of Orthopaedic Surgery
in cooperation with
The Southwestern Orthopaedic Alumni Association

UTSouthwestern
Medical Center

ABOUT THE VISITING PROFESSOR

Regis J. O’Keefe, MD, PhD is the Fred C. Reynolds Professor and Chair, Department of Orthopaedic Surgery at Washington University School of Medicine in St. Louis, Missouri. Dr. O’Keefe earned his BA in philosophy and religious studies and graduated magna cum laude at Yale University in New Haven, Connecticut. After earning his medical degree from Harvard Medical School in Boston, Massachusetts, he completed a Ph.D. in biochemistry and biophysics from the University of Rochester School of Medicine and Dentistry. Dr. O’Keefe served his internship in surgery at New England Deaconess Hospital in Boston, his residency in orthopaedics at the University of Rochester Medical Center and completed an oncology fellowship at the Massachusetts General Hospital. In 1993, he joined the faculty at the University of Rochester. Dr. O’Keefe previously served as the Marjorie Strong Wehle Professor and Chair, Department of Orthopaedics and Rehabilitation and Associate Dean of Clinical Affairs at the University of Rochester School of Medicine and Dentistry.

Dr. O’Keefe has authored or coauthored over 290 articles, more than 300 abstracts, 16 book chapters and reviews concerning bone repair and development, cancer, inflammatory diseases of bone, genetics, and related topics. Most of his research has been supported by NIH grants, and his NIH funding has consistently placed him among the most highly funded orthopaedic surgeon-clinician scientists in the United States. In 2012 Dr. O’Keefe received a 5 year program Center of Research Translation program grant from the NIH. This award provides \$7.5 million dollars to study factors regulating stem cell populations during bone and cartilage repair.

He has served as an associate editor of the Journal of Bone and Mineral Research and he is currently an associate editor of Bone. Dr. O’Keefe has served in numerous leadership roles in national orthopaedic organizations including serving as President of the American Orthopaedic Association (AOA) in 2017-18. Dr. O’Keefe served for 10 years on the Board of Directors of the American Board of Orthopaedic Surgery (ABOS). In addition, he served for more than 7 years as a member of the Orthopaedic Research and Education Foundation, including service in the role of Secretary of that organization. Dr. O’Keefe is a past-President of the Orthopaedic Research Society (ORS). He also served the ORS as Treasurer and as a member of the Program Committee. He is the past-President of the United States Bone and Joint Decade, an international coalition of healthcare organizations aimed at decreasing the incidence of bone and joint disorders. Dr. O’Keefe is also the past-Chair of the Skeletal Biology and Skeletal Regeneration Study Section for the National Institutes of Health’s Center for Scientific Review and he has served on the Advisory Council of the National Institutes of Health (NIH) National Arthritis and Musculoskeletal and Skin Diseases (NIAMS) as well as the National Institutes of Health Council of Councils (COC) Advisory Council that reviews trans-NIH initiatives. Dr. O’Keefe has served as the Chair of the American Academy of Orthopaedic American Academy of Orthopaedic Surgeons’ Clinician Scientist Committee. He also has directed the Orthopaedic Research and Education Foundation’s Grant Writing Workshop, a program that mentors young scientists in the critical skill of grant writing. He is a member of the American Association of Physicians (AAP).

Dr. O’Keefe has received a variety of teaching and scientific awards including the prestigious ABC Traveling Fellowship from the American Orthopaedic Association and the Kappa Delta Award, recognizing excellence in orthopaedic research. Dr. O’Keefe has worked diligently in his career to promote and advance the basic understanding of musculoskeletal diseases and to translate these discoveries into therapies designed to improve the care of orthopaedic patients.

CHARLES F. GREGORY MEMORIAL LECTURESHIP

The Charles F. Gregory Memorial Lectureship was established to honor Charles F. Gregory, MD, Chairman of Orthopaedic Surgery at the University of Texas Southwestern Medical School from 1956 to 1976. Dr. Gregory’s commitment to postgraduate education led him to formulate objectives for the education of orthopaedic surgeons. These objectives included nurturing of a medical conscience, respect for the heritage of medicine, acquisition of essential information, development of surgical skills, develop-ment of respect for the scientific method, and continual pursuit of new advances and refinement of existing skills.

CHARLES F. GREGORY MEMORIAL LECTURE

Friday, June 21, 2019

7:30 am – 8:00 am	Registration and Continental Breakfast
8:00 am – 8:10 am	Welcome and Introduction – Dane K. Wukich, MD PGY 5 RESIDENT RESEARCH PRESENTATIONS
8:10 am – 8:20 am	Emmanuel Nwelue, MD “Outcome of THA in HIV-Positive Patients Managed With Contemporary Protocols” (Emmanuel Nwelue, MD, Clara Telford BS, Kenneth Estrera, MD, Richard Jones, MD, Michael Huo, MD)
8:20 am – 8:30 am	Discussion PGY 4 RESIDENT RESEARCH PRESENTATIONS
8:30 am – 8:40 am	Michael Del Core, MD “Effect of Diabetes and Hemoglobin A1c on Complications Following Elective Hand Surgery” (Michael Del Core, MD, Timothy Benage, BS, Junho Ahn, BS, Daniel Koehler, MD, Douglas Sammer, MD, Ann Golden, MD)
8:40 am – 8:50 am	Discussion
8:50 am – 9:00 am	Ryan Fairchild, MD “The Utility and Cost of Magnetic Resonance Imaging of the Knee in Elderly Patients: A Retrospective Cohort Study” (Ryan Fairchild, MD, Marcel Wiley MD, Brian Sager MD, Stephen Gates MD, Zachary Shirley MD, Ken Estrera MD, Brigham Au, MD)
9:00 am – 9:10 am	Discussion
9:10 am – 9:30 am	Regis O’Keefe, MD, PhD “Periosteum as a Target to Enhance Bone Regeneration”
9:30 am – 9:40 am	Discussion
9:40 am – 9:50 am	Stephen Gates, MD “Incidence of Positive Intraoperative Cultures in Primary Shoulder Arthroplasty Following Prior Ipsilateral Shoulder Surgery” (Stephen Gates, MD, Michael Khazzam, MD, Michael Del Core, MD, Ivy Nguyen, Paul Nakonezny, PhD)
9:50 am – 10:00 am	Discussion
10:00 am – 10:20 am	Break
10:20 am – 10:30 am	Zachary Shirley, MD “Significant Reduction of Pulmonary Embolism in Orthopeadic Trauma Patients” (Adam Starr, MD, Zachary Shirley, MD, Patrick D. Sutphin, MD, PhD, Drew Sanders, MD,Alexander Eastman, MD, Brigham Au, MD, Ashoke Sathy, MD, Gene Hu, Aaron Gebrelul, MD, Joseph Minei, MD, Michael W. Cripps, MD)
10:30 am – 10:40 am	Discussion
10:40 am – 10:50 am	S. Blake Wallace, MD “Can Real Time Monitoring with Dual Motor Drill Decrease Plunge Depth?” (Stephen Blake Wallace, MD, Mikhail Samchukov, MD, Alex Cherkashin, MD, Michael Del Core, MD, Anthony Riccio, MD)
10:50 am – 11:00 am	Discussion
11:00 am – 11:20 am	Regis O’Keefe, MD, PhD “The NIH Patient Reported Outcomes Instrument System as a Standard of Care Tool: The Wash U Experience”
11:20 am – 11:40 am	Final Discussion
12:00 pm	Lunch

TARGET AUDIENCE

This program is designed for orthopaedists wishing an update in orthopaedic surgery and orthopaedic joint replacement surgery.

PURPOSE AND CONTENT

This activity will provide an opportunity for education in orthopaedic surgery by a recognized authority and a critical and objective review of the educational and investigational activity of the UT Southwestern Orthopaedic Surgery Residency Program. The sessions will include the orthopaedic surgery Grand Rounds lectures by the guest faculty and a review of the fourth and fifth-year resident research projects in the Department of Orthopaedic Surgery at UT Southwestern.

EDUCATIONAL OBJECTIVES

At the conclusion of this activity, participants should be able to apply patient reported outcome measures into clinical practice for the care of individual patient and assessment of combined data to improve population health knowledge, and apply principles of current issues to musculoskeletal issues in both adult and pediatric orthopaedic surgery.

ACCREDITATION

The University of Texas Southwestern Medical Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

UT Southwestern Medical Center designates this educational activity for a maximum of **3.25 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

DISCUSSION OF OFF-LABEL USE

This educational activity may contain discussion of published and/or investigational uses of agents that are not approved by the U.S. Food and Drug Administration. For additional information about approved uses, including approved indications, contraindications, and warnings, please refer to the prescribing information for each product, or consult the Physicians’ Desk Reference.

CONFLICT OF INTEREST

All persons in the position to control the content of an education activity are required to disclose all relevant financial relationships in any amount occurring within the past 12 months with any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on patients. A primary mechanism to resolve identified conflicts of interest is a content review that is prior to the activity.

RESIDENT GRADUATES



Brandon Hull, MD



Matthew Landrum, MD



Emmanuel Nwelue, MD



Sean Shahrestani, MD



Benjamin Schell, MD



Paul Tavakolian, MD

FEES

Interested clinicians and alumni are invited to attend any segment of the program. No registration fee is charged, but a contribution to the Resident Education Fund will be accepted.

RESIDENT AWARDS DINNER

Renaissance Dallas Hotel
2nd Floor Grand Ballroom
2222 N Stemmons Freeway
Dallas, Texas 75207

Please note that as in past years, the fee for the banquet will be \$85.00 per person. If you would like to attend, please indicate on the registration form and return it along with your check made payable to Renaissance Dallas Hotel. Please see Registration form for further details

Friday, June 21, 2019

Cocktails: 6:00 pm
Dinner: 6:45 pm
Awards: 7:15 pm

LOCATION

Renaissance Dallas Hotel
2nd Floor Grand Ballroom
2222 N Stemmons Freeway
Dallas, Texas 75207

FOR FURTHER INFORMATION

Please contact Menyon Menefee in the Department of Orthopaedic Surgery at (214) 648-0253 or via e-mail at menyon.menefee@utsouthwestern.edu.