

14th Annual Joseph W. Howe Oration in Diagnostic Imaging



**“Magnetic Resonance Spectroscopy (MRS)
can identify painful lumbar discs and may
facilitate improved clinical outcomes of
lumbar surgeries for discogenic pain”**

**Presented By:
Matthew F. Gornet, M.D.**

Friday, July 30, 2021

11:30 a.m.

Logan University

Chesterfield, Missouri

Virtual Event

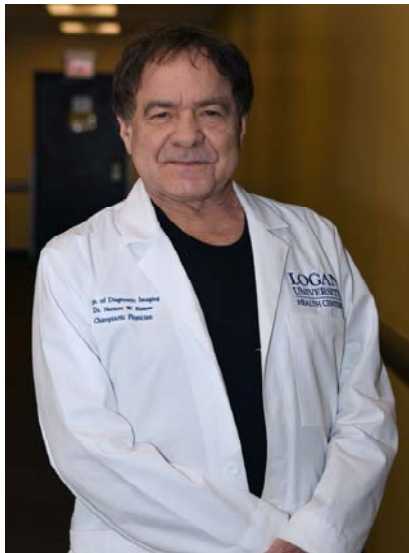
<https://www.logan.edu/live-from-logan/>

JOSEPH W. HOWE, DC, DACBR, Fellow, ACCR

There are few members of the American Chiropractic College of Radiology whose careers have been as influential as that of Joseph W. Howe, DC, DACBR. For more than six decades, Dr. Howe, has distinguished himself by his contributions as a clinician, radiologist, educator, researcher, and mentor in the field of modern chiropractic radiology. His passion for academic excellence, critical scientific insight and professional advancement has left an indelible impact on the chiropractic profession. His influence is felt daily by the numerous residents, whom he has trained, and who themselves have become inspirational leaders in the chiropractic profession.

Dr. Joseph W. Howe has given the American Chiropractic College of Radiology and the chiropractic profession a legacy of unparalleled achievement as a role model and mentor for several generations of chiropractic radiologists. His name will always be associated with the incredible progress of chiropractic radiology in the 20th century. The Joseph W. Howe Oration in Diagnostic Imaging is designed to honor his extensive contributions to and achievements in the education, research and practice of chiropractic radiology.

NORMAN W. KETTNER, DC, DACBR, FICC



Norman W Kettner, DC, DACBR DCBCN FICC is the Dean of Research and Emeritus Professor of the Department of Radiology at Logan University. Dr Kettner has been a faculty member since 1980 and was department chair for 35 years. In addition to training and expertise as a board-certified radiologist and neurologist, Dr Kettner has developed experience in the tools of functional neuroimaging including fMRI, MEG and PET. In 2001, Dr Kettner formed a research collaboration with the Athinoula A Martinos Center for Biomedical Imaging of Massachusetts General Hospital, the largest teaching hospital of Harvard Medical School. The research objectives were to investigate the brain's responses to acupuncture in patients with chronic pain and carpal tunnel syndrome. Recently, spinal manipulation in patients with cLBP has been investigated using advanced functional neuroimaging. This collaboration has yielded numerous high impact factor publications in top-ranked radiology, neurology and pain research journals including NeuroImage, Human Brain Mapping, PAIN and BRAIN. Dr Kettner has authored over one-hundred publications and eleven textbook chapters.

Matthew F. Gornet, MD



Dr. Matthew Gornet is a Board Certified Spine Surgeon who specializes in the treatment of patients with low back and neck pain. Dr. Gornet received his Medical Degree from Johns Hopkins University School of Medicine, General Surgery Residency at Johns Hopkins Hospital, Orthopedic surgery residency at Johns Hopkins Hospital and his Spinal Surgery fellowship, Johns Hopkins Hospital with world-renowned Spine Surgeon, John Kostuik, MD. He is a leader in spinal care and currently a Spine Surgeon at The Orthopedic Center of St. Louis in St. Louis, Missouri.

Additionally, Dr. Gornet is the author of several published book chapters and research papers and his sub-specialty interests involve treating patients with continued pain after failed spine surgery. He accepts referrals of difficult revision cases from physicians throughout the nation and is a national leader in the development of dynamic stabilization, disc replacement, and "non-fusion" technology.

Joseph W. Howe

Oration in Diagnostic Imaging

Past Speakers

- Oct. 20, 2020 Vitaly Napadow, PhD, LicAc
- May 30, 2019 Michael S. Montlione, MD, DACR, DC, DACBR
- May 31, 2018 Gary M. Guebert, DC, DACBR
- May 25, 2017 Terry R. Yochum, DC, DACBR, Fellow, ACCR, FICC
James M. Cox, I, DC, DACBR, FICC
Norman W. Kettner, DC, DACBR, FICC, DCBCN
- May 26, 2016 Joseph W. Howe, DC, DACBR, Fellow, ACCR
- May 28, 2015 Victor Tong, DC, DACBR
- May 29, 2014 Lawrence H. Wyatt, DC, DACBR, FICC
- May 30, 2013 Anita L. Manne, DC, DACBR
- May 31, 2012 John A. M. Taylor, DC, DACBR
- May 26, 2011 Victor Tong, DC, DACBR
- April 8, 2010 Sharon A. Jaeger, DC, DACBR
- April 2, 2009 Reed Philips, DC, DACBR, PhD
- April 3, 2008 Terry R. Yochum, DC, DACBR, Fellow, ACCR, FICC
James M. Cox, I, DC, DACBR, FICC
Norman W. Kettner, DC, DACBR, FICC, DCBCN