

### Bio – Prof. Ziv J Haskal

Prof. Dr. Ziv J Haskal is a tenured professor at the University of Virginia School of Medicine. After training in Diagnostic and Interventional Radiology at the University of California, San Francisco, he joined the faculty of the University of Pennsylvania in 1992, and then moved to build interventional services at both the New York-Presbyterian Hospital/Columbia University, and the University of Maryland, as professor and chief.

His research has spanned the breadth of IR, beginning with defining early research in TIPS and complex portal hypertension: his preclinical experimental and human studies led to creation of the TIPS endograft used by majority of the planet. It included preclinical validation and in-human interventional trans-arterial gene vector delivery (one of the first human gene therapy trials); first demonstration of IR radiation eye injury risks at occupational levels; trials in accelerated pharmacomechanical deep vein interventions; advances in hemodialysis access care, including randomized trials of dialysis stent grafts that defined the first proven superior intervention for AV graft stenosis, benefiting thousands worldwide; liver transplant interventions; all aspects of embolization; and interventional oncology. He has published over 400 manuscripts, abstracts, chapters, books, letters, and editorials in journals such as the *New England Journal of Medicine*, *Human Gene Therapy*, *Circulation*, *Hepatology*, *Radiology*, *CVIR*, *AJR*, and *JVIR*. His papers have been cited thousands of times—the AHA/ACC PAD Guideline he co-chaired and co-wrote, alone, has been cited over 3000 times). His H-index is 50. Prof. Haskal has led or participated in over 50 human and animal research studies.

Dr. Haskal has given more than 780 invited lectures worldwide and been awarded numerous honorary fellowships, national and international awards for innovation, leadership, service, and research excellence. He was awarded the 2014 "Leaders in Innovation" by the Society of Interventional Radiology Research Foundation, APSCVIR Fellowship and others. In 2007, Dr Haskal chaired the SIR Annual Scientific Meeting. He co-founded the GEST meeting (and coined its name). Dr. Haskal named and invented the now oft-imitated MasterClass 'event' and scientific Congresses (based upon his early experiences as a piano student), and has pioneered novel education for decades, from the early 90's publishing over 400 cases in the first online monthly case discussion forum ('The SIR Case Club'), running complex on-site live mechanical and microscope demonstrations at medical conferences, to creating virtual reality-based content.

Prof. Haskal served as the Deputy Editor in Chief of *CVIR* for 5 years during which time Dr Vorwerk and he doubled its Impact Factor. Thereafter he served two consecutive terms as the *JVIR* Editor in Chief (10 years) during which he more than doubled its submissions, raised its Impact Factor to 3.037 and launched all its multimedia, social media feeds, blog, editorial fellowship, podcasts, IR virtual reality, and other new topics and features. In those editor roles, he line-edited over 18,000 manuscripts. In parallel, he strove to elevate the consistent presentation of scientific information with the content rigor and form of the world's leading academic journals, highlighting the on-par relevance of IR research with all other branches of medicine. In nearly 30 years, Prof. Haskal has mentored hundreds of trainees; he has been equally focused upon educating newer authors, holding small group 'Editor's Writing Club' seminars for over 10 years, reaching over 1000 attendees worldwide.

Prof. Haskal has served in many societal leadership and committee positions and writing groups within the SIR (continuously since 1994), the ACR, AHA, ACC, AASLD, etc. He has been President of both the Society of Gastrointestinal Interventions and International Society of Neurovascular Disease, member of the SIR Executive Committee (one of its longest serving members), and the SIR Research Foundation Board.