is a *Theodore and Venette Askounes-Ashford Distinguished Scholar* and *U.S. Fulbright Scholar Awards* winning Professor of Electrical Engineering and has been with USF since 1985. He is responsible for establishing and leading the Interdisciplinary Communications, Networking and Signal Processing (*iCONS*) Research group and the Interdisciplinary Center of Excellence in Telemedicine (*ICE-T*). He is also the supervisor of the Communications and Signal Processing graduate program track and a member of the Biomedical Engineering program. His educational background includes the B. E. (Honors) degree in Electronics and Communication Engineering from the University of Madras, India, M. Eng. degree in Electrical Engineering from Concordia University, and Ph. D. degree in Electrical Engineering from the Pennsylvania State University.

His main research interests are in the multidisciplinary areas of wireless communications, networking, signal processing and its applications. In particular, in the communications and networking area, his research interests are on the resource and mobility managements of wireless cellular, ad-hoc, and sensor networks, energy-efficient protocol design and cross-layer optimization. In the signal processing area, the emphasis is on all aspects of processing from feature extraction, coding, and recognition to machine learning applied to speech, biomedical and other signals and in integrating intelligent techniques including the use of neural networks and fuzzy logic in the simulation, modeling, and design of high performance and robust systems. His current focus is on the use of wearable sensors and technologies for advancing health care.

Prof. Sankar and his collaborators have published highly cited papers in these research topics with *more than 210 papers* in peer-refereed journals and premier international conferences. He has also contributed to several book chapters. iCONS research group under his leadership has

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