Mona Ebrish is a Fulbright Scholar, a senior member of the Institute of Electrical and Electronics Engineers (IEEE) and a member of the Materials Research Society (MRS). She earned a B.S. degree in electrical engineering from the University of Tripoli, Libya, and a M.S. and Ph.D. in electrical engineering from the University of Minnesota. Her dissertation is one of the earliest studies on utilizing the quantum capacitance effect in Graphene for sensing applications. Later she spent 4 years at IBM as an Advisory Research Scientist working on Si-CMOS scaling challenges. Prior to becoming a faculty at Vanderbilt, she was a Postdoctoral fellow at the Naval Research Lab investigating wide-bandgap semiconductors for high-voltage applications. Her research resulted in more than 14 issued patents and over 40 papers and abstracts in major journals and conferences.