

Biography – Eric Lifshin

Eric Lifshin received his PhD in Materials Engineering from Rensselaer Polytechnic Institute. Since 2000 he has been a Professor at SUNY Polytechnic Institute. Previously he was the Manager of the Materials Characterization and Environmental Technology Laboratory at GE Corporate R&D. His group consisted of about 80 scientists, engineers, technicians and administrative assistants involved with a range of activities of interest to GE. Prior to management he was a research staff scientist who specialized in a variety of microanalysis methods particularly scanning electron microscopy and x-ray microanalysis. In spite of his management responsibility he continued to be an active scientist during that period of his career.

Dr. Lifshin is the author of over 80 publications and a co-author or editor of five books, including the best known text in the field of scanning electron microscopy. He has received a number of awards including two IR100 awards, the Presidential Award of the Microbeam Analysis Society (MAS), and two years ago was awarded the prestigious Peter Duncumb Award by the MAS given for leadership and a sustained record of accomplishments. He also has 11 patents. He served one year as President of MAS. It was recently announced that he has been given the status of Fellow in the first group of MAS fellows to be announced at this summer's upcoming national meeting. He also served one year as the Director of CAIST (Center for Advanced Interconnect Technology) sponsored by the Semiconductor Research Corporation (SRC).

He has taught a number of short courses including the well-known Lehigh University course on scanning electron microscopy and is often a guest lecturer at various universities or conferences. Dr. Lifshin teaches several undergraduate and graduate courses, all of his own design, including scanning electron microscopy, thin film characterization, charged particle optics and even taught a course on the relationship between art and science for the UAlbany Honor's College. Currently he has one MS and two PhD students

He has a long record of University service including Chair of the Faculty Senate for both UAlbany and the first Chair for his College at SUNY Polytechnic Institute. Other positions included Chair of the UAlbany Tenure and Promotion Council, UAlbany Governance Council, and University Planning and Policy Council.