

EE Student's 'Practical Guide' Seminar Series

"Mentoring"

SSL 150 (outside and North of Seaver Science Library)
Friday, November 30, 2007
11:30 am – 1:00 pm

All EE students welcomed!

Pizza will be graciously provided by the EE Department.

Abstract: Ask almost any successful person, and you will find that a mentor played an important role in their career. We will discuss what mentoring is, why it is important, who needs mentoring, who should provide mentoring, how to find a mentor, and how to be a mentor.

SPEAKERS



Prof. P. Daniel Dapkus received his Ph.D. in 1970 from the U. of Illinois, is the William M. Keck Professor of Engineering, is the Electrophysics Chair of the Ming Hsieh Dept. of Electrical Engineering, and is the director of the USC Photonics Center. His research group has been active in the development of photonic materials and devices of the past 19 years. Prior to coming to USC, Professor Dapkus was a member of technical staff at Bell Laboratories. He then worked at

Rockwell International where he led the group responsible for the demonstration of the viability of MOCVD as a device epitaxy process. MOCVD is now the most widely used process for the research and manufacture of photonic materials and devices. At USC, Professor Dapkus' research has centered on the invention and demonstration of novel and high performance photonic devices. His current research involves the application of selective area growth to functional photonic devices, the development of resonator based devices and the development of novel GaN based lasers for biochip applications. Professor Dapkus has been awarded the IEEE David Sarnoff Award in 2001 and the IEEE LEOS Engineering Achievement Award in 1995. He was also selected as an IEEE LEOS Distinguished Lecturer and awarded the USC Lockheed Senior Research Award. He has over 300 publications.



Prof. Alexander A. Sawchuk received the Ph.D. degree from Stanford University. He is currently Leonard M. Silverman Chair Professor and Systems Chair of the USC Ming Hsieh Dept. of Electrical Engineering. He is also Associate Director of the Integrated Media Systems Center (IMSC). His research includes the use of optoelectronic devices and systems for parallel optical computing, interconnection and network applications.

He also works in the areas of image processing and immersive media technology. He is the holder of a U.S. Patent and has 200 technical publications and 100 talks, including several books and book chapters. Prof. Sawchuk is a Fellow of the OSA, IEEE, and SPIE. He received the OSA Distinguished Service Award, USC Mellon Academic Mentoring Support Program Certificate of Recognition, USC VSoE Lockheed Senior Research Award, and 2007 USC Associates Award for Excellence in Teaching. For the United States Advisory Committee for the International Commission for Optics (USAC-ICO), he has been a Member, Delegate, and Chair. His activities also include: Treasurer of the ICO, Member of the Board of Directors of the OSA Foundation, Member of the OSA Board of Directors, Chair of the OSA Technical Council, Associate Editor for *Optics Letters*, and Editor of the Information Processing Division of *Applied Optics*.