

Mike Campbell became Vice-President at General Atomics in 2001. He is responsible for inertial fusion, nuclear fission, and lasers and photonics. The Laser/Photonics effort encompasses directed energy lasers, advanced optical and radar sensors, commercial lasers, diffractive optics, and ultra-wide band radar and radio technologies.

After completing his undergraduate and graduate studies in Applied Physics at the University of Pennsylvania and Princeton University, Dr. Campbell joined Lawrence Livermore Laboratory where he worked in the Inertial Fusion and High Power laser programs for over twenty years. He began as a member of the research staff and ultimately became responsible for all laser activities at LLNL. He played a key role in developing the use of high power lasers in the nuclear weapons “stockpile stewardship” program, and initiated programs in EUV lithography, directed energy lasers, fusion energy, high energy density science and ultra-high peak power lasers (the petawatt). He was a key developer and secured funding for the National Ignition Facility now under construction at LLNL.

Dr. Campbell has published over 100 articles in refereed journals and similar numbers in the classified literature. He is a fellow of the American Physical Society and a recipient of the American Nuclear Society Teller Award, The American Physical Society Excellence in Plasma Physics Research Award for the demonstration of the first laboratory x-ray laser, Department of Energy’s E.O. Lawrence Award, and The Fusion Power Associates’ Leadership in Fusion Research Award.