CONGRATULATES

2008 IEEE Photonics Award Winner

Joe C. Campbell
Lucien Carr III Professor in the Charles L. Brown
Department of Electrical and Computer Engineering

ELECTED BY
The Institute of Electrical and Electronics Engineers
For his significant achievements in the field of photonics
Joe C. Campbell
2008 IEEE Photonics Award Winner

The 2008 Institute of Electrical and Electronics Engineers (IEEE) Photonics Award recognizes “outstanding achievement(s) in photonics” as determined by the IEEE Lasers and Electro-Optics Society. A renowned innovator in electrical engineering and nanotechnology, Professor Joe C. Campbell was recognized for developing high-speed, low-noise avalanche photodiodes — the photodetectors currently employed in long-haul, high-performance telecommunications fiber optic receivers.

His other research interests include high-sensitivity ultra-violet detectors, CMOS-compatible integrated optical receivers, quantum-dot infrared detectors, infrared single-photon avalanche diodes and high-speed, high-power detectors for analog fiber optic links.

A member of the National Academy of Engineering, Professor Campbell is also a Fellow of the IEEE, a Fellow of the Optical Society of America (OSA), a Fellow of the American Physical Society and an IEEE Millennium Medal winner. He has also received the IEEE William Striefer Scientific Achievement Award and the OSA Nicholas Holonyak Award. He has co-authored seven book chapters, more than 330 journal publications and over 250 conference presentations.

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