

Optics and Photonics Education in Central Florida

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Abstract:

CREOL, the Center for Research and Education in Optics and Lasers was created to assist the development of the optics and laser industry in central Florida. Of the many ways to achieve this goal, by far the most significant is the creation of programs to educate a workforce to supply talent to the industry. This the College of Optics and Photonics was born. We will describe how our programs at the PhD, Masters and Bachelor's degree levels have developed over the years to meet the needs of the optics and photonics industry.

Biography:

David J. Hagan received his PhD degree in Physics at Heriot-Watt University, Edinburgh, Scotland in 1985. After a brief spell as research scientist at the University of North Texas, he moved to UCF in 1987 as a founding member of the CREOL faculty. He is currently Professor of Optics and Physics and also serves as Associate Dean for Academic Programs. He was the founding Editor-in-Chief of the OSA journal, Optical Materials Express, 2010-2015, and is currently an Executive Editor-in-Chief of Chinese Optics Letters. He also served as General Chair for the OSA Frontiers in Optics Conference, 2015 and was program chair for the OSA topical meeting on Nonlinear Optics, 2017. His current research interests include nonlinear optical materials, especially semiconductors and organics, applications of extremely nondegenerate nonlinear optics, and techniques for nonlinear optical characterization and spectroscopy. Dr. Hagan is a Fellow of OSA and SPIE.

