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Photonics Spectra is a monthly magazine published for the engineers, scientists and end users who develop, commercialize and buy photonic products. It provides both technical and applications information for all aspects of the global industry, integrating all segments of photonics: optics, lasers, imaging, fiber optics and electro-optics.

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Beacons of the Photonic Industry

This distinction is reserved for those in the industry who have made significant contributions in the areas of entrepreneurship, research and education. This years honorees are comprised of 2 individuals for entrepreneurship, 5 for education and 3 for research.

Congratulations to all of this year's honorees!

Entrepreneurs

Alan J. Leszinske

TecMed, Inc.

Alan J. Leszinske has supported optical entrepreneurs as much as he has been one. He is CEO and chairman of TecMed Inc., a Cheyenne, Wyo., medical technology intellectual property (IP) company with a blood glucose management solutions portfolio. The company, which he founded in 1995, has a unique business model that grew out of his diverse experience in research, finance and management.

Leszinske's work has yielded four patents, with others pending in the U.S. and 38 other countries worldwide. He has also developed advanced electrooptical switches for imaging and sensing/detection for government, military and aerospace applications. From 1994 to 2007, Leszinske served as president of the Complex Light Valve Corp., an Albuquerque, N.M., R&D company that focused on electro-optical applications and the development of intellectual property.



In addition, he served as the principal of Contract Funding & Acquisition Inc. — an Albuquerque private capital organization that provided equity capital to 14 startup companies and other support in the form of project management and oversight — from 1992 to 2007.

More recently, a privately held company has received a license for Leszinske's optics-based measurement technology, and with that is developing an automated blood glucose measurement instrument and device designs for use in surgical and critical care environments.

TecMed is marketing advanced designs for these applications to commercialization partners for manufacture and distribution.

"Quietly and with an aversion to the limelight, Alan has worked to create, develop and refine optical technology that will usher in new standards in patient care and diabetic home monitoring. His vision and insight have led to game changing technological breakthroughs and unheralded advancements in electrooptical components and applications," said Steven Schroeder, a contractor and colleague at TecMed.

Leszinske received his bachelor's degree in liberal arts general studies with a focus on experimental methods and statistical/probability analysis from Grand Valley State University in Allendale, Michigan.

'Far and away the best prize that life offers is the chance to work hard at something worth doing.'

- Theodore Roosevelt

It's a whole new world of information for people in global photonics.





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