

Kim D. Jovanovich

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A. PROFESSIONAL PREPARATION

Tulane University, Bachelor’s Degree Electrical Engineering, 1972
University of Southern Mississippi, Master’s Degree Telecommunications, 1978

B. ACADEMIC/PROFESSIONAL APPOINTMENTS

2012 - present	Professor of Practice	Electrical Engineering, UNO	
2012- present	Assistant Dean	College of Engineering, UNO	
9/1994 – 5/2012	President	Omni Technologies, Inc., Slidell, LA	
9/1980 – 5/2012	Adjunct Professor	Electrical Engineering, UNO	
8/1990 - 7/1991	Staff Engineer	Electro-Optics – NOARL	Naval Research Lab - NASA Stennis Space Center, MS
			Litton Data Systems - New Orleans/Slidell , LA
3/1980 – 8/1990	Research Director	Fiber Optics Research Center	

C. PUBLICATIONS

C.1 Related Publications

- “Investigations of Fiber Optic Failures about Naval Combatants”, Huntington-Ingalls Final Report, May 2011.
- “Applications of Wavelength Division Multiplexing to Shipboard Networking and Systems”, Kim D. Jovanovich, Huntington-Ingalls Final Report, January 2012.
- “Evaluation of Emerging Fusion Splicing Termination Technology for Shipboard Applications”, Kim D. Jovanovich, Huntington-Ingalls Final Report, March 2012.
- “Design and Operation of An Undersea Fiber Optics Network Supporting the Alaskan Communication System”, ACS Final Report, March 2012.
- “The Impact of Single Mode Technology”, ONR ManTech Final Report, Penn State Electro-Optics Center of Excellence, November 2013.
- “An Innovative Testing Illuminator for Fiber Optic Shipboard Installers”, Huntington-Ingalls Final Report, December 2013.
- “Introduction to Fiber Optics” published manuscript for a short course provided for PDHs and certifications, University of New Orleans, April 2014.
- “The Technology of Subsea Communications, Parts 1 and 2”, presented at the Southeastern Symposium of Contemporary Engineering Topics (SSCET) at the University of New Orleans, September 2014.
- “Fiber Optic Sensing and Instrumentation for Naval Combatants”, presented at the Southeastern Symposium of Contemporary Engineering Topics (SSCET) at the University of New Orleans, September 2014.

D. SYNERGISTIC ACTIVITIES

D.1 Teaching

Undergraduate and graduate courses in electrical engineering including circuits, instrumentation, optical and radio communications, fiber optics, and senior capstone projects. Mentoring of undergraduates involved in innovative research projects.

D.2 Service to Engineering & Science Community

Lifetime Member of IEEE Institute of Electrical and Electronic Engineers
Lifetime Member of IEEE Communications Society
Lifetime Member of IEEE Lightwave Society
Louisiana Engineering Society
Professional Engineer registered in Electrical Engineering - Louisiana
Several expert appearances on local television news shows about EMP, drones, and fiber optics.
Louisiana Engineering Society Faculty Professionalism Award 2015
Chevron USA Endowed Professor of Electrical Engineering for Teaching 2015