

Note that a more comprehensive resume can be supplied if requested. This document contains highlights of my career.

Dr. Messenger brings to FAE Consulting a lifetime of experience in energy efficiency and renewable energy. As Senior Associate/PV Specialist, he leads the FAE Consulting photovoltaic systems design team and coordinates with the lighting, electrical, mechanical and plumbing design groups.

After receiving his PhD in electrical engineering, he was employed by Florida Atlantic University for 36 years prior to his retirement in 2005. While at Florida Atlantic University, as Professor of Electrical Engineering, he conducted extensive research in the field of energy efficiency, served 11 years in leadership positions and then pursued his passion for photovoltaic systems. He developed and taught the senior elective PV course in EE for more than a decade and is the principal author of *Photovoltaic Systems Engineering*, a best-selling textbook for engineers, now in its 3rd edition. While at FAU, he received numerous awards, including Distinguished Teacher of the Year, the FAU President's Leadership Award, the FAU Alumni Association Degree of Difference Award, as well as additional awards for excellence in advising and teaching.

Since his retirement, he has been actively designing PV systems and training engineers, architects, installers and inspectors in PV system design, installation and inspection. He has extensive field experience in PV system installation and inspection and was the principal designer of the largest rooftop PV system in Florida, the 1 MW system on the roof of the Orange County Convention Center in Orlando. He specializes in the custom design of straight grid-connected, grid-connected with battery backup and stand-alone PV systems that are optimized to meet the needs of the owners.

Education

BS in EE, University of Minnesota

MS, University of Minnesota (Electrical Engineering)

PhD, University of Minnesota (Electrical Engineering)

Affiliations

FARE (Florida Alliance for Renewable Energy, member of the board of directors)

Florida Solar Energy Center Policy Advisory Board

Solar Energy Industries Association

American Solar Energy Society

North American Board of Certified Energy Practitioners

Contact Information

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