

Steve Holland, Ph.D.

Professor, Program Director at Milwaukee School of Engineering

Milwaukee, WI, US

Dr. Steve Holland's areas of expertise include electromagnetics, antennas, and microwave/radio frequency circuits.

Biography

Dr. Steve Holland is a professor and the electrical engineering program director in the Electrical, Computer and Biomedical Engineering department and has been a faculty member at MSOE since 2013. He serves as program director for the Electrical Engineering program. His specialties include RF/microwave engineering, antennas, electromagnetics, analog circuit design, and engineering education. Before joining the faculty at MSOE, Holland worked as a senior sensors engineer for MITRE Corp. and as a microwave engineer for the Medical College of Wisconsin.

Areas of Expertise

Antennas, Electromagnetics, RF/Microwave Engineering, Analog Electronics, Engineering Education

Affiliations

Institute of Electrical and Electronics Engineers (IEEE) : Senior Member, American Society for Engineering Education (ASEE) : Member

Event and Speaking Appearances

An Interactive Workshop: Using the Digilent Analog Discovery Board in upper-division electrical engineering courses

American Society for Engineering Education Annual Conference and Exposition

HF Antennas and Propagation

Microwave Seminar Series

An Interactive Workshop: Using the Digilent Analog Discovery Board in upper-division electrical engineering courses

American Society for Engineering Education Annual Conference and Exposition

Control of scanblindnesses in printed dipole antenna arrays using PBG structures

Microwave Seminar Series

Radar Fundamentals and Emerging Applications

EECE Graduate Colloquium

Education, Licensure and Certification

Ph.D.

Electrical and Computer Engineering University of Massachusetts Amherst

M.S.

Electrical and Computer Engineering University of Massachusetts Amherst

B.S.

Electrical Engineering Milwaukee School of Engineering

Accomplishments

MSOE Falk Engineering Educator Award Finalist

2015, 2016, and 2017

Honorable Mention Award in Student Paper Contest

Awarded for the Paper S. S. Holland and M. N. Vouvakis, "Design and Fabrication of low-cost PUMA arrays," IEEE Antennas and Propagation Society International Symposium, pp. 1976-1979, 4-8 July 2011

Student Paper Contest Winner

Awarded for the presentation and content of the paper, "A Fully Planar Ultrawideband Array", Antenna Applications Symposium, Monticello, IL, 2010

Alumni Association Student Achievement Award

MSOE, 2006

Best Paper Award (Third Place) for the New Engineering Educator (NEE) Division of the American Society for Engineering Education Society

Awarded for the Paper "Using Shadowing to Improve New Faculty Acclimation", ASEE 2014 Annual Conference and Exposition, Indianapolis, IN, June 16-18, 2014

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