

Nathaniel Kinsey, Ph.D.

Engineering Foundation Professor, Department of Electrical and Computer Engineering at VCU College of Engineering

Engineering West Hall, Room 218, Richmond, VA, US

Nathaniel Kinsey's research broadly lies in the field of nanophotonics, studying the interaction of light with materials on the nanoscale.

Biography

Dr. Kinsey received his bachelor's degree in Electrical Engineering from the University of Missouri ? Columbia in 2011, graduating Magna Cum Laude. He followed with his Masters of Science from the University of Missouri in 2012 where he researched optically activated solid-state switches for high energy RF systems. Following, Dr. Kinsey moved to Purdue University to pursue his Ph.D. where he has researched nonlinear optics, integrated nanophotonics, and plasmonics. During his time at Purdue, he received several awards for his research contributions including the Meissner Fellowship, the Bilslund Dissertation Fellowship, and the College of Engineering Outstanding Graduate Research Award. In the fall of 2016 Nate joined Virginia Commonwealth University as an Assistant Professor of Electrical and Computer Engineering where he now continues his studies of nanophotonics, nonlinear optics, and plasmonics while exploring their applications in new areas of technology.

Industry Expertise

Education/Learning, Research, Nanotechnology

Areas of Expertise

Nanophotonics/Plasmonics, Nonlinear optics, Optical Materials, Integrated Optics, Consumer Nanophotonics

Education

Purdue University

Ph.D. Electrical Engineering

University of Missouri ? Columbia

M.S. Electrical Engineering

University of Missouri ? Columbia

B.S. Electrical Engineering

Accomplishments

Air Force Office of Scientific Research Young Investigator Award
2017

College of Engineering Outstanding Graduate Research Award
2015

Bilsland Dissertation Fellowship
2015

Meissner Fellowship
2012

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