

Philip Santangelo

Professor, Biomedical Engineering at Georgia Tech College of Engineering

Atlanta, GA, US

Philip J. Santangelo researches optical microscopy and in vivo imaging, RNA virus pathogenesis, HIV/SIV.

Biography

Dr. Philip J. Santangelo is an Assistant Professor in the Wallace H. Coulter Department of Biomedical Engineering. He graduated from Polytechnic University in 1991 with a B.S. in Aerospace Engineering. In 1998, he obtained his Ph.D. in Engineering from the University of California at Davis under Dr. Ian Kennedy, on the development of laser-based diagnostics for multiphase reacting jets and droplet streams. Dr. Santangelo followed his Ph.D. with a postdoctoral fellowship at Sandia National Laboratories in Livermore, California under Christopher Shaddix, and a position in industry, at Micron Optics, Inc., in Atlanta, Georgia. Next, Dr. Santangelo returned to academia as a postdoctoral fellow and then as a research faculty member at Georgia Tech under Dr. Gang Bao until his current appointment at Georgia Tech.

Areas of Expertise

Therapeutics and Vaccines, RNA Regulation, RNA Virus Pathogenesis, Optical Microscopy and In Vivo Imaging, HIV/SIV and hRSV

Affiliations

Center for Childhood Infections and Vaccines (CCIV), Center for Cystic Fibrosis and Airways Disease Research (CF-AIR)

Education

University of California, Davis

Ph.D. Engineering

Purdue University

M.S. Engineering

New York University - Polytechnic School of Engineering

B.S. Aerospace Engineering

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