

Research Grants

- 2008-11 *Mesoscale Structures and Photonic Devices based on Coupled Spherical Cavities*, NSF Grant No. ECCS-0824067, PI, Total \$296,647
- 2007 *Resonant Optical Circuits Based on Coupling Between Whispering Gallery Modes in Dielectric Microresonators*, ARO Grant No. W911NF-05-1-0529, PI, Total \$65,000
- 2005-06 *Resonant Optical Circuits Based on Coupling Between Whispering Gallery Modes in Dielectric Microresonators*, ARO Grant No. W911NF-05-1-0529, PI, Total \$85,000
- 2005-08 *High Order Numerical Methods for Light Propagation in Micro-Photonics*, NSF Grant No. CCF 0513179, Co-PI, Total \$180,000
- 2004 *Synthetic Opals for Multimodal Spectroscopy of Diffusive Sources of Light*, Duke University, PI, Total \$20,000
- 2007-08 *Fundamentals and Applications of Coupled Cavities with Whispering Gallery Modes*, UNCC Faculty Research Grant, PI, Total \$6,000
- 2004-06 *Optical Transport Properties of Circuits Formed by Coupled Microresonators*, UNCC Faculty Research Grant, PI, Total \$6,000
- 2002-04 *Coupled Microspheres Waveguides*, UNCC Faculty Research Grant, PI, Total \$6,000
- 2000-01 *EM Properties, Band Structure and Light Matter Interaction in Semiconductor Photonic Crystals*, EPSRC grant No. GR/M72951 (in the UK). Because of the EPSRC rules I was not able to be a Co-PI since I was not a permanent member of staff, but I made major contributions to this proposal, Total £162,000
- 1996 Award of the Program of Exchange Visits, Royal Society, Total £3,000
- 1995-97 *Photonic Band Gaps in Opals*, Russian Fund for Basic Research grant No. 960217928-a, PI, Total is equivalent to \$20,000