

Research Description:

The Interferometric Sensing Section in NRL's Optical Sciences Division develops novel optical sensing and imaging techniques for applications in remote sensing, undersea surveillance, acoustic and seismic detection. Applicants are invited to submit research proposals for a postdoctoral position developing next generation coherent optical sensors and imaging systems. Specific areas of interest include coherent LIDAR, computational imaging, turbulence mitigation, compressive sensing, digital holography, and phase conjugation.

Lab Location: NRL (Washington DC)

Advisor:

Brandon Redding, Ph.D.
Naval Research Laboratory
4555 Overlook AVE, SW
Washington, DC 20375
Office: 202-767-2174
E-Mail: Brandon.redding@nrl.navy.mil