

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

National Research Council Postdoctoral Research Awards

at the

Photonics Research Center

United States Military Academy

West Point, NY

Competitive awards offered for research in:

- Optical Information and Image Processing
- Optoelectronic Neural Networks
- Optoelectronic Device Characterization
- Multidimensional Signal and Image Processing
- Laser Physics
- Beam Propagation
- Holography
- Electronic Speckle Pattern Interferometry
- Non-linear Optical Materials
- Laser Spectroscopy
- Vibrational Spectroscopy
- Bio-photonics
- Chemical and Biological Sensors
- Polymeric Materials
- Noble Metal Nano-particles
- Optical Limiting

Qualified applicants must be US citizens. Duration of awards is one year with potential for extension for a total of three years maximum. The annual stipend for recent Ph.D. recipients is \$55,000. Support is provided for relocation and limited professional travel and a health insurance program is offered.

For more specific information regarding these research opportunities, prospective applicants should contact:

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Fax: 845-938-3062; Email: augustus.fountain@usma.edu
URL: <http://www.dean.usma.edu/photonics/>

Applications must be submitted directly to the NRC. Postmark deadline for applications is January 15 for review in February. Application materials may be obtained from the NRC Web site at:

<http://www.national-academies.org/rap>

For questions or assistance contact:

National Research Council, Associateship Programs, TJ2114

2101 Constitution Ave NW

Washington, DC 20418

Tel: 202-334-2760 Fax: 202-334-2759 Email: rap@nas.edu

Qualified applicants will be reviewed without regard to race, creed, color, age, sex, or national origin.