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The University of Dayton

News Release

UD'S CENTER FOR ELECTRO-OPTICS
AWARDED \$290,000 CONTRACT FROM U.S. ARMY

DAYTON, Ohio, January 4, 1988--University of Dayton's Center for Electro-Optics has been awarded a three-year \$290,000 contract from the U.S. Army to set up a laboratory on campus to investigate ways to improve the image quality of display systems -- such as those found in computer terminals and instrument panels in airplane cockpits, military tanks, ships and submarines.

"Our research should lead to the development of display systems that contain more information and, from a human perspective, are more easily understandable," said Donald Moon, director of the center and chairman of UD's Electrical Engineering Department. Moon, of Kettering, will serve as principal investigator for the work, which begins in January.

The Center for Electro-Optics, one of only six in the country, has set up a research lab in UD's Kettering Laboratories where professors and graduate students will use state-of-the-art light-measuring equipment to test and record imaging capabilities. To improve the center's capabilities, UD will purchase a telemicroscope (light-measuring microscope) and a monochrometer (night vision measurement system) for the highly specialized research, Moon said.

The contract was awarded through the Army Research Office at Research Triangle in Raleigh, N.C. UD's Center for Electro-Optics specializes in research and development of image and optical processing. The center is part of the University's nationally known Research Institute, which has an annual research volume of nearly \$30 million.

For further information, contact Donald Moon in UD's Electrical Engineering Department at 229-3611.