

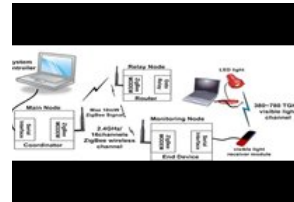
**NSF Award:** Broadband Sensors Optical Wireless Local Area Networks (Pennsylvania State Univ University Park)

**State:** Pennsylvania

**Congressional Districts:** Pennsylvania District 05

**Research Areas:** Engineering

## Image



Beyond malls and stores, LED-transmitted information may also find use in settings where radio frequency signals can interfere with equipment, such as hospitals. The system could identify the floor where a person is situated. In museums, navigation systems could guide people through large buildings by reading the final destination signal from a hand-held photodiode device and initializing lights or other indicators to show the proper path.

## A photograph showing a man's torso and head. He is holding a glass to his mouth with a prosthetic arm. The arm is white and mechanical, with a gripper at the end holding the glass. The man is wearing a dark shirt.

**Locations:** Pennsylvania



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