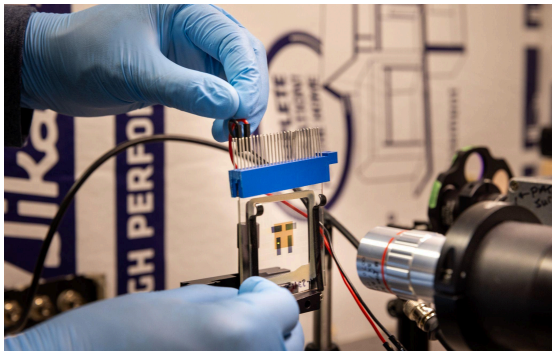
Sep. 17, 2024
Contact: Patsy DeLacey, 734-647-8213, pdelacey@umich.edu
Katherine McAlpine, 734-647-7087, kmca@umich.edu

Captions: An OLED for compact, light-weight night vision



Giebink_Night_Vision_OLED1.jpg: Raju Lampande, postdoctoral researcher in Giebink's lab, positions an OLED that leverages positive feedback to amplify the conversion of near infrared light into visible light in front of a microscope imaging system. Photo: Marcin Szczepanski, Michigan Engineering.

Also Giebink_Night_Vision_OLED2

Alt: Gloved hands connect a wire to the OLED, two sheets of glass about ten by ten centimeters, with four, one centimeter long translucent gray strips sandwiched between. The silver barrel of a microscope points at the OLED. Housing insulation is out of focus behind.

Giebink_Night_Vision_OLED3.jpg: Raju Lampande, postdoctoral researcher in Giebink's lab, positions an OLED that leverages positive feedback to amplify the conversion of near infrared light into visible light in front of a microscope imaging system. Photo: Marcin Szczepanski, Michigan Engineering.

Alt: A researcher wearing safety glasses, gloves and a baseball cap connects a wire to the OLED, two sheets of glass about ten by ten centimeters with translucent gray strips sandwiched between. A mounted, horizontally positioned microscope points at the OLED. Housing insulation surrounds the experimentation area.