UNF Office of Research and Sponsored Programs

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UNF Technology

UNF Researchers have developed cutting-edge solutions that have the potential to transform industries and lives. UNF leading technologies include:

Sensor Technologies

The University of North Florida Sensor Group has developed four patented and patent-pending sensors that have the potential to significantly impact multiple industries, including national security, health care, agriculture, and manufacturing.

Sensors Available:
• Nanocrystalline Oxide Semi-Conductive Gas Sensor (NOS)
• Nanocrystalline Enhanced Quartz Crystal Microbalance Sensors (NCQCM)
• Photoelectric Chemical Sensors (PECS)
• Photoelectric Microbe Sensors (PEMS)

Industries Served:
• Agriculture
• Government
• Manufacturing
• Medical

Mosquito Inhibitor Technology

University of North Florida researchers have created a unique, all-natural solution to control mosquitoes that does not threaten the environment or humans. The UNF invention halts mosquitoes in the larval stages before they become disease-transmitting pests.

Click here to learn more