Sandia National Laboratories
Photo # 1: Parabolic Trough

http://www.sandia.gov/news/resources/releases/2007/images/rich-diver-elevated.jpg

Photo For Identification Only. Go to URL.

Photo by Randy Montoya, Sandia National Laboratories

Caption: Sandia National Laboratories researcher Rich Diver takes a close-up look at a parabolic trough module at the National Solar Thermal Test Facility. He invented a new and simple way to align trough mirrors using theoretical overlay photographic technology.

Sandia National Laboratories
Photo #2: Dental Diagnostics

http://www.sandia.gov/news/resources/releases/2007/images/saliva.jpg

Photo For Identification Only. Go to URL.

Photo by Randy Wong, Sandia National Laboratories

Caption: Sandia National Laboratories researcher Amy Herr prepares human saliva samples for analysis that will be conducted using Sandia's lab-on-a-chip clinical diagnostic instruments.

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Sandia National Laboratories
Photo #3: Intrusion Sensors

http://www.sandia.gov/news/resources/releases/2006/images/sensor-outstanding.jpg

Photo For Identification Only. Go to URL.

Photo by Randy Montoya, Sandia National Laboratories
Caption: Sandia National Laboratories researchers Jonathan Van Houten (left) and Jeremy Giron hold a Labs-designed sophisticated sensor that interacts with smaller off-the-shelf sensors like those seen in the foreground. The system guards against infiltration into prohibited areas.

Sandia National Laboratories
Photo #4: PASD

http://www.sandia.gov/news/resources/releases/2006/images/sparkfind-inside.jpg

Photo For Identification Only. Go to URL.

Photo by Randy Montoya, Sandia National Laboratories
Caption: Sandia National Laboratories researcher Kevin Howard prepares to test for short circuits on electrical wiring in the wheel well of a retired Boeing 727 using Pulsed Arrested Spark Discharge technology.

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Sandia National Laboratories
Photo #5: ElectroNeedle

http://www.sandia.gov/news/resources/releases/2005/images/electroneedles.jpg

Photo For Identification Only. Go to URL.

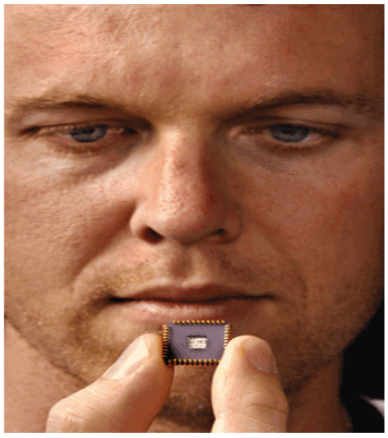

Photo by Randy Montoya, Sandia National Laboratories

Caption: Sandia National Laboratories researcher Jeb Flemming holds an ElectroNeedle™, an array of microfabricated electrochemical probes that, when pressed against the skin, can detect carbohydrates, electrolytes, lipids, enzymes, toxins, proteins, viruses, and bacteria in a patient's blood or interstitial cellular fluid.

Sandia National Laboratories
Photo #6: TufFoam

http://www.sandia.gov/news/resources/releases/2006/images/sandia-surf.jpg

Photo For Identification Only. Go to URL.

Photo illustration by Randy Montoya, Sandia National Laboratories

Caption: Researchers at Sandia National Laboratories have developed a low-density, energy-absorbing foam that, among other potential applications, could help avoid a complete wipeout for the nation's $200 million surfboard manufacturing market.

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Sandia National Laboratories
Photo # 7: CVM device

http://www.sandia.gov/news/resources/releases/2007/images/circuit2.jpg

Photo For Identification Only. Go to URL.

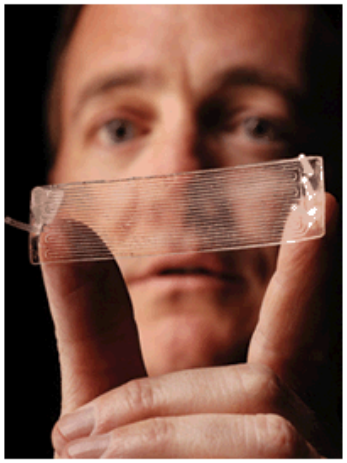

Photo by Randy Montoya, Sandia National Laboratories

Caption: Sandia National Laboratories researcher Dennis Roach with a Comparative Vacuum Monitoring (CVM) device that detects cracks in the underlying materials. Sandia is investigating its use in structural health monitoring of aircraft.

Sandia National Laboratories
Photo # 8: Self-assembled nanostructures

http://www.sandia.gov/news/resources/releases/2007/images/selfassemnano.jpg

Photo For Identification Only. Go to URL.

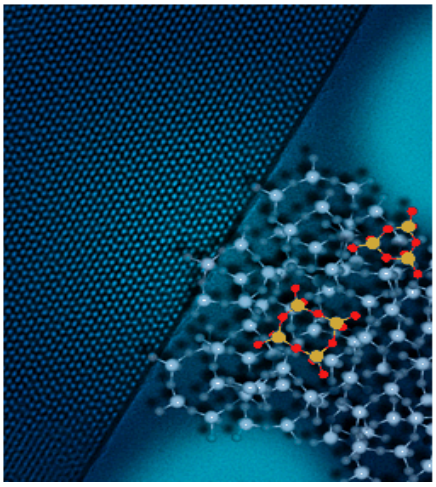

Photo illustration by Sandia National Laboratories

Caption: TEM micrograph and modeling (right side) of a porous, cube-like nanostructure developed by Sandia National Laboratories. The silica nanostructures may improve performance where increased pore volume is important in modern thin-film applications such as membrane barriers, molecular recognition sensors, and low-dielectric-constant insulators.

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Sandia National Laboratories
Photo #9: Food safety

http://www.sandia.gov/news/resources/releases/2007/images/strawberry_fields.jpg

Photo For Identification Only. Go to URL.

Photo by Randy Montoya, Sandia National Laboratories

Caption: Sandia National Laboratories researcher Susan Carson checks out a computerized program meant to help protect America's food supply against terrorists. The program helps companies of any size determine vulnerabilities along their food-processing chain. It also warns of the attractiveness of each production step to an invader.

Sandia is a multiprogram laboratory operated by Sandia Corporation, a Lockheed Martin Company, for the United States Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.

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