University researchers creating innovative flexible displays

BY DEANNA DENT
THE STATE PRESS

Plastic bubble: Professor Gregory Raupp demonstrates the flexibility of the plastic after it has been engineered with the array of transmitters at the PDC building in South Tampa Friday afternoon.

Computer, cell phone and television displays may soon become as pliable as pieces of paper.
Laptops, IDs and readable books are not far from being able to roll up, bend forward, bend backward, all without distortion or ruining the image.

ASU researchers, led by Gregory Raupp, associate vice president of research at the Flexible Display Center, have been developing over the past five years a method for creating bendable displays.
Researchers at the center, at the ASU Research Park, along with 21 industry partners and a $44 million investment by the U.S. Army, have been working to develop technology that could literally change the way we view our electronic devices.

The technology abandons the constraints of glass displays and allows images to become pliable on sheets of plastic and steel.
Raupp displayed the flexibility on one of the plastic displays by rolling it forward and backward in his hand.

University researchers creating innovative flexible displays

BY ALLISON DENT
THE STATE PRESS

Over the past few years, green has become one of America’s favorite buzzwords.

What started as a trend is quickly becoming a real concern for presidential candidates by budding businesses to universities.

And with more and more students becoming environmentally aware, universities are beefing up their efforts to join the green movement.

In its first rating of environmentally conscious, the Princeton Review named ASU one of the best in the nation.

“The 2009 Green Rating Honor Roll” gave 534 college campuses a green rating from A- to F.

An adapted form of the Volunteers in Police Service program, or VIPs, will be instituted for the first time at ASU at the start of the fall 2008 semester.

The VIPs program began six years ago and has extended to all 90 states with a total of 1732 programs.

ASU Police

Volunteer program puts students closer to the boys in blue

BY ANDREW SHANKER
THE STATE PRESS

This fall ASU students will be able to translate 911 calls and run license plates as volunteers for the ASU police department in hopes of making the four University campuses safer.

An adapted form of the Volunteers in Police Service program, or VIPs, will be instituted for the first time at ASU at the start of the fall 2008 semester.

The VIPs program began six years ago and has extended to all 90 states with a total of 1732 programs.

The first VIPs program in Arizona was held in Mesa, where volunteers were trained in numerous fields, including running license plates, watching for speeders and responding to speeding complaints.

ASU Assistant Chief of Police Jay Spradling — a 25-year veteran of the force — will be heading up the program at ASU and said he hopes to train and enroll various volunteers to better serve the University campus.

The success of the nationwide VIPs program, Spradling said, is due to volunteers being matched up to job titles that suit their work goals.

“We have created a job description booklet to shedding paper to being able to maintain military clearance,” Spradling said.

“No area of the police force is off limits.”

Volunteers for the ASU program must be at least 18 to enroll, be drug free, and have a desire to gain hands-on experience with ASU police, Spradling said.

The number one crime at ASU’s Tempe campus is bicycle theft, so by creating this program Spradling hopes to decrease the number of incidences this year.

Nancy Kolb has been managing the program.